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Modification Reference	Туре	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
1343	Administrative	Deleted and Replaced: • Section J – List of Documents, Exhibits, and Other Attachments - Attachment F, Operating and Administrative Requirements (List B) is deleted and replaced to include the following changes: Delete DOE O 435.1 Chg 1 (PgChg) CRD Radioactive Waste Management Approved: 07/09/99 Chg 1: 08/28/01 Add DOE O 435.1 Chg 2 (AdminChg) CRD Radioactive Waste Management Approved: 07/09/99 Chg 2 (AdminChg): 01/11/21 • Delete and Replace: Section J, Attachment B, Key Personnel is deleted and replaced with updated titles for the Key Personnel.	10/07/22
1344	Funding	Financial Institution Account is deleted and replaced with Modification 2, authorizing the Period of Performance for June 1, 2022 through May 31, 2023. Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,348,595,333.48 obligated and includes letter	10/26/22
1345	Funding	dated 10/26/2022. Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,352,925,087.60 obligated and includes letter dated 10/28/2022.	10/28/22
1346	Administrative	 Delete and Replace: Section B – Supplies and Services and Price/Cost, B.3	11/4/22

Fiscal Year 2023 **Modifications 1343 to 1396**

Modification Reference Type		Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		 (Continued from Page 1) Section J – Attachment F – Operating and Administrative Requirements (List B) is deleted and replaced to include the following changes: 	
		Delete DOE O 470.5 CRD CRD applicable in part Approved: 06/02/14	
		Add DOE O 470.5 CRD CRD applicable in Approved: 06/02/14 CRD applicable in whole	n
1347	Funding	Clause I.140 970.5232-4 Obligation of Funds reflected total amount of \$7,356,885,187.60 obligated and includes letter dated 11/09/2022.	ets 11/09/22
1348	Funding	Clause I.140 970.5232-4 Obligation of Funds reflected total amount of \$7,505,385,187.60 obligated and includes letter dated 11/10/2022.	ets 11/10/22
1349	Funding	Clause I.140 970.5232-4 Obligation of Funds reflected total amount of \$7,672,734,882.39 obligated and includes letter dated 11/23/2022.	ets 11/23/22
1350	Funding	Clause I.140 970.5232-4 Obligation of Funds reflected total amount of \$7,678,343,992.05 obligated and includes letter dated 11/25/2022.	ets 11/28/22
1351	Administrative	Delete and Replace: Section J, Attachment J, FY 2022 Performance Evaluation and Measurement Plan dated April 21, 2022 is deleted an replaced with the FY 2023 Performance Evaluation and Measurement Plan dated November 17, 2022 and is incorporated into this contract by reference.	
1352	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,680,113,992.05 obligated and includes letter dated 12/15/2022.	12/15/22
1353	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,770,609,280.05 obligated and includes letter dated 12/16/2022.	
1354	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,711,680,433.78 obligated and includes letter dated 12/22/2022.	
1355	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,731,739,691.78 obligated and includes letter dated 01/17/2023.	

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1356	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,759,967,419.84 obligated and includes letter dated 01/25/2023.	01/26/23
1357	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,772,877,221.99 obligated and includes letter dated 01/26/2023.	01/27/23
1358	Administrative	Delete and Replace:	02/06/23
1336	Administrative	<u>Section B</u> – Supplies and Services and Price/Costs, added part B.7 titled Leadership Performance Evaluation	02/00/23
		• <u>Section C</u> – Description/Specification/Statement of Work, updated parts: C.1, C.2, C.3, and C.4	
		• Section D – Packaging and Marking, updated part D.1	
		• Section F – Deliveries or Performance, updated parts F.1 and F.2	
		• Section G – Contract Administration Data, updated parts G.1 and G.2	
		<u>Section H</u> – Special Contract Requirements is deleted and replaced by updating these H. clauses:	
		○ H.16 – Lobbying Restriction (DOE-H-2076, Nov 2018)	
		o H.39 – Applicability of I.158 52.234-4 Earned Value Management System (Nov 2016)	
		 H.46 – Management and Operating Contractor (M&O) Subcontract Reporting (DOE-H-7037, (Sep 2017) 	
		Added: ○ H.58 - Safety Culture (DOE-H-2083, Feb 2022) • Section I – Contract Clauses is deleted and replaced by updating these I. clauses:	
		o I.2 – 52.202-1Definitions (June 2020) (As Modified by DEAR 952.202-1) (Feb 2011)	
		○ I.5 – 52.203-6Restrictions on Subcontractor Sales to the Government (June 2020)	
		○ I.6 – 52.203-7Anti-Kickback Procedures (Jun 2020)	
		○ I.9 – 52.203-12Limitation on Payments to Influence Certain Federal Transactions (Jun 2020)	
		○ I.10 – 52.203-13Contractor Code of Business Ethics and Conduct (Nov 2021)	
		○ I.11 – 52.203-14Display of Hotline Poster(s) (Nov 2021)	
		○ I.16 – 52.204-1Reporting Executive Compensation and First-Tier Subcontract Awards (Jun 2020)	
		○ I.16A – 52.204-13System for Award Management Maintenance (Oct 2018)	
		○ I.17 – 52.209-6Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Nov 2021)	
		○ I.20 – 52.215-13Subcontractor Certified Cost or Pricing Data – Modifications (Jun 2020)	
		○ I.21 – 52.215-14Integrity of Unit Prices (Nov 2021)	

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	○ I.26 – 52.219-4Notice of Price Evaluation Preference for	
	HUBZone Small Business Concerns (Oct 2022)	
	o I.27 – 52.219-8Utilization of Small Business Concerns (Oct 2022)	
	○ I.28 – 52.219-9Small Business Subcontracting Plan (Oct 2022) Alternate II (Nov 2016)	
	○ I.29 – 52.219-16Liquidated Damages - Subcontracting Plan (Sep 2021)	
	○ I.31 – 52.219-28Post-Award Small Business Program Rerepresentation (Oct 2022)	
	○ I.34 – 52.222-4Contract Work Hours and Safety Standards – Overtime Compensation (May 2018)	
	o I.35 – 52.222-2Contracts for Materials, Supplies, Articles and Equipment (Jun 2020)	
	o I.39 - 52.222-35Equal Opportunity for Veterans (Jun 2020)	
	o I.40 – 52.222-36Equal Opportunity for Workers with Disabilities (Jun 2020)	
	○ I.41 – 52.222-37Employment Reports on Veterans (Jun 2020)	
	○ I.44 – 52.222-50Combating Trafficking in Persons (Nov 2021)	
	○ I.45 – 52.223-3Hazardous Material Identification and Material Safety Data (Feb 2021) Alternate I (Jul 1995)	
	○ I.53 – 52.223-15—Energy Efficiency in Energy – Consuming Products (May 2020)	
	○ I.56 – 52.225-1Buy American – Supplies (Oct 2022)	
	○ I.57 – 52.225Buy American – Construction Materials (Oct 2022)	
	○ I.59 – 52.225-13Restriction on Certain Foreign Purchases (Feb 2021)	
	○ I.66 – 52.232-33Payment by Electronic Funds Transfer – System for Award Management (Oct 2018)	
	○ I.66A – 52.232-40Providing Accelerated Payments to Small Business Subcontractors (Nov 2021)	
	○ I.76 – 52.244-2Subcontracts (Jun 2020) Alternate I (Jun 2020)	
	○ I.78 – 52.244-6Subcontracts for Commercial Products and Commercial Services (Dec 2022)	
	○ I.81 – 52.247-64Preference for Privately Owned U.SFlag Commercial Vessels (Nov 2021)	
	○ I.87 – 52.252-6Authorized Deviations in Clauses (Nov 2020)	
	○ I.159 – 52.222-54Employment Eligibility Verification (May 2022)	
	 ○ I.161 – 52.203-17—Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights (Jun 2020) 	
<u> </u>		

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o I.1	63 – 52.210-1Market Research (Nov 2	2021)	
	64 – 52.215-23Limitations on Pass-Th 20)	rough Charges (Jun	
	69 – 52.223-18Encouraging Contracto ext Messaging While Driving (Jun 2020)		
Deleted a	and RESERVED:		
	$\phantom{00000000000000000000000000000000000$	ing of \$1 Coin	
(S	ept 2008) - RESERVED	mig of the com	
Deleted a	and Replaced:		
Septe: (Appe	on J , Attachment A , Personnel (Appendment 15, 2021 is deleted and Attachment endix A), effective February 6, 2023 is has contract by reference.	t A, Personnel	
• Section	on J – Attachment F, Operating and Ac	ministrative	
Requi	rements (List B), is deleted and replaced ving changes:		
Add	DOE O 144.1 AdminChg 1 CRD Department of Energy American Indian Tribal Government Interactions and Policy Approved: 01/16/09 AdmChg1: 11/06/09	CRD applicable in whole	
Delete	DOE O 206.2 CRD Identity, Credential, and Access Management (ICAM) Approved: 02/19/13	CRD applicable in part	
Add	DOE O 206.2 Chg 1 (LtdChg) CRD Identity, Credential, and Access Management (ICAM) Approved: 02/19/13 Chg 1 (LtdChg): 09/02/22	CRD applicable in part	
Add	DOE O 411.2 CRD Scientific Integrity Approved: 01/04/17	CRD applicable in whole	
Delete	DOE O 420.1C Chg 2 (MinChg) CRD Facility Safety Approved: 12/04/12 Chg 2 (MinChg): 07/26/18	CRD applicable in part	
Add	DOE O 420.1C Chg 3 (LtdChg) CRD Facility Safety Approved: 12/04/12 Chg 3 (LtdChg): 11/14/19	CRD applicable in part	
Add	DOE O 437.1 CRD Bridge and Tunnel Management Approved: 12/11/20	CRD applicable in part	

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		D-1-4:	DOE 0 520 1B CBB	CDD	
		Delete	DOE O 520.1B CRD	CRD	
			Financial Management and Chief	applicable in whole	
			Financial Officer Responsibilities Approved: 01/07/21	WHOIE	
		Add	DOE O 520.1B Chg 1 (LtdChg)	CRD	
		Aud	CRD	applicable in	
			Financial Management and Chief	whole	
			Financial Officer Responsibilities		
			Approved: 01/07/21		
			Chg 1 (LtdChg): 11/11/22		
		Deleted a	and Replaced:		
		Section	on J – Attachment G – Sensitive Forei	gn Nations Control	
			eted and replaced, updating part (a).		
		• Section	on J – Attachment H – Performance G	uarantee Agreement	
			eted and replaced updating the documen		
			current versions dated November 10, 20	022, and November	
		15, 20			
			on J – Attachment I – Subcontracts, Pu		
			Actions Requiring DOE Review and A		
			ements Between the Parties is deleted aring parts: 2, 3, 4, and 5 and updating the		
			iment to Contractor Purchasing System		
			on J – Attachment L – Employee Cond	•	
			mentation Plan, is deleted and replaced		
			ary 6, 2023 and is incorporated into this		
		refere	· ·	J	
		Deleted a	and RESERVED:		
		Section	on J – Attachment E – Applicable Law	s and Regulations	
			A) is deleted and RESERVED.	z unu regunurens	
			on J – Attachment M – Equal Employnam is deleted and RESERVED.	ment Opportunity	
		Laws.	on J – Attachment N – Supplemental F , Regulations, and DOE Directives is de ERVED.		
		Section J RESERV	I – Attachment P – Five Year Strategic ED.	Plan is deleted and	
1359	Funding		.140 970.5232-4 Obligation of Fund		02/17/23
			of \$7,787,800,221.99 obligated and /17/2023.	includes letter	
1360	Funding		.140 970.5232-4 Obligation of Fund	de reflecte total	02/23/23
1300	runuilig		of \$7,830,570,894.22 obligated and		02/23/23
			22/2023.	meruues ietter	
1361	Funding		.140 970.5232-4 Obligation of Fund	de reflecte total	02/24/23
1301	runuilig		of \$7,836,014,899.51 obligated and		02/24/23
			/24/2023.	menuces lettel	
1362	Administrative	Delete ar	nd Replace:		03/06/23
			on H – Special Contract Requirement	s is deleted and	
			ced removing a comment that was accid		
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		on H.37 – Privately-Funded Technology Transfer from Modification 1358.	
		<u>Section I</u> – Contract Clauses is deleted and replaced by updating these I. clauses:	
		 I.46 – 52.223-5 Pollution Prevention and Right-to-Know Information (May 2011), is updated by adding Alternate I (May 2011) 	
		○ I.143 – 970-5232-7 Financial Management System (Oct 2021) is updated, removing incorrect, redundant language; and	
		The following I. Clauses are added:	
		○ I.180 – 52.203-16 Preventing Personal Conflicts of Interest (Jun 2020)	
		 I.181 - 52.204-19 Incorporation by Reference of Representations and Certifications (Dec 2014) 	
		 I.182 – 52.204-23 Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (Nov 2021) 	
		 I.183 – 52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Nov 2021) 	
		 I.184 – 52.209-9 Updates of Publicly Available Information Regarding Responsibility Matters (Oct 2018) 	
		○ I.185 – 52.209-10—Prohibition on Contracting with Inverted Domestic Corporations (Nov 2015)	
		○ I.186 – 52.242-5 Payments to Small Business Subcontractors (Jan 2017)	
		○ I.187 – 52.246-25—Limitation of Liability-Services (Feb 1997)	
1363	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,921,880,412.54 obligated and includes letter dated 03/17/2023.	03/20/23
1364	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,922,655,412.54 obligated and includes letter dated 03/20/2023.	03/21/23
1365	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,947,526,570.54 obligated and includes letter dated 03/21/2023.	03/21/23
1366	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,952,802,016.37 obligated and includes letter dated 03/23/2023.	03/23/23
1367	Administrative	Section J, Attachment J, FY 2023 Performance Evaluation and Measurement Plan dated November 17, 2022 is deleted and replaced with the FY 2023 Performance Evaluation and Measurement Plan dated March 3, 2023 and is incorporated into this contract by reference.	03/30/23

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1368	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$7,958,716,516.37 obligated and includes letter dated 04/21/2023.	04/21/23
1369	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,041,353,807.75 obligated and includes letter dated 04/25/2023.	04/26/23
1370	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,053,733,623.57 obligated and includes letter dated 04/27/2023.	04/28/23
1371	Administrative	Delete and Replace: • Section H — Special Contract Requirements is deleted and replaced by updating this H. clause: • H.45 — Conference Management (DOE-H-2068, Oct 2014 is deleted and replaced with version (DOE-H-2068, Mar 2023). • Section I — Contract Clauses is deleted and replaced by updating this I. clause: • I.121 — 970.5223-7Sustainable Acquisition Program (Oct 2010) Alt I (Oct 2010). Alt I (Oct 2010) is added to the existing clause. The I. Clauses below have been added to Section I — Contract Clauses of the Prime Contract: • I.188 -52.204-12 — Unique Entity Identified Maintenance (Oct 2016) • I.189 - 52.204-18 — Commercial and Government Entity Code Maintenance (Aug 2020) • I.190 − 52.232-22— Limitation of Funds (Apr 1984) • I.191 − 52.232-25 — Prompt Payment (Jan 2017) • I.192 − 52.245-1—Government Property (Sep 2021) Alt II (Apr 2012) • I.193 − 52.245-9—Use and Charges (Apr 2012) • I.194 − 952.223-75 Preservation of Individual occupational radiation exposure records (Apr 1984) Deleted and Replaced: • Section J, Attachment D — Special Financial Institution Account is deleted and replaced with the version authorizing Option Period 3: June 1, 2023 through May 31, 2024. • Section J, Attachment K — Diversity Plan is deleted and replaced with the FY23 version.	05/15/23
1372	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,066,793,623.57 obligated and includes letter dated 05/16/23.	05/17/23
1373	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,068,539,623.57 obligated and includes letter dated 05/17/23.	05/18/23

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1374	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,118,878,430.62 obligated and includes letter dated 05/24/23.	
1375	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,128,600,026.27 obligated and includes letter dated 05/31/23.	
1376	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,128,760,026.27 obligated and includes letter dated 06/08/23.	
1377	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,156,704,699.27 obligated and includes letter dated 06/23/23.	
1378	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,160,669,545.27 obligated and includes letter dated 06/26/23.	
1379	Financial	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,238,973,398.34 obligated and includes letter dated 06/29/23.	r
1380	Financial Administrative	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,249,630,594.98 obligated and includes letter dated 06/30/23. Deleted and Replaced:	
		• Section J – List of Documents, Exhibits, and Other Attachments - Attachment F, Operating and Administrative Requirements (List B) is deleted and replaced to include the following changes:	
		Aviation Management and Safety Approved: 06/15/11 Chg 2 (LtdChg): 09/15/20 The Control of the C	in
		Add DOE O 440.2C Chg 3 (LtdChg) CRD Aviation Management and Safety Approved: 06/15/11 Chg 3 (LtdChg): 03/21/23 CRD applicable whole	in
		Delete DOE O 484.1 Admin Chg 2 CRD Reimbursable Work for the Department of Homeland Security Approved: 08/17/06 Admin Chg 2: 06/30/14 Certified Date: 01/15/15	in
		Add DOE O 484.1 Chg 3 (LtdChg) CRD Reimbursable Work for the Department of Homeland Security Approved: 08/17/06 Chg 3 (LtdChg): 03/21/23	
1382	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,287,401,780.98 obligated and includes letter dated 07/21/23.	

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1383	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,289,401,780.98 obligated and includes letter dated 07/24/23.	07/24/23
1384	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,341,854,208.00 obligated and includes letter dated 07/25/23.	07/25/23
1385	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,350,470,552.09 obligated and includes letter dated 07/28/23.	07/28/23
1386	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,369,080,729.09 obligated and includes letter dated 08/17/23.	08/17/23
1387	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,369,200,729.09 obligated and includes letter dated 08/18/23.	08/18/23
1388	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,439,615,966.70 obligated and includes letter dated 08/24/23.	08/24/23
1389	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$8,447,987,293.08 obligated and includes letter dated 08/31/23.	08/31/23
1390	Administrative	Deleted and Replaced: Section J – List of Documents, Exhibits, and Other Attachments - Attachment F, Operating and Administrative Requirements (List B) is deleted and replaced to include the following changes: Delete DOE O 413.3B Chg 6 (LtdChg) CRD Program and Project Management for the Acquisition of Capital Assets Approved: 11/29/10 CRD applicable in part	09/08/23
		Chg 6 (LtdChg): 01/12/21 Add DOE O 413.3B Chg 7 (LtdChg) CRD Program and Project Management for the Acquisition of Capital Assets Approved: 11/29/10 Chg 7 (LtdChg): 06/21/23	
		Delete DOE O 436.1 CRD Departmental Sustainability Approved: 05/02/11 CRD applicable in whole	
		Add DOE O 436.1A CRD Departmental Sustainability Approved: 04/25/23 CRD applicable in whole	
		Section J – List of Documents, Exhibits, and Other Attachments, is hereby deleted and replaced to include the following change: Section J – Attachment C, FY 2022 Small Business Subcontracting Plan is deleted and replaced with the FY 2023 Small Business Subcontracting Plan.	

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1391	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total	09/22/23
		amount of \$8,469,610,446.58 obligated and includes letter	
		dated 09/22/23.	
1392	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total	09/22/23
		amount of \$8,469,749,734.58 obligated and includes letter	
		dated 09/22/23.	
1393	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total	09/27/23
		amount of \$8,495,581,995.18 obligated and includes letter	
		dated 09/27/23.	
1394	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total	09/28/23
		amount of \$8,692,422,426.08 obligated and includes letter	
		dated 09/27/23.	
1395	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total	09/29/23
		amount of \$8,692,672,426.08 obligated and includes letter	
		dated 09/29/23.	
1396	Administrative	Deleted and Replaced:	09/29/23
		Section J – List of Documents, Exhibits, and Other	
		Attachments is deleted and replaced to include the following	
		change:	
		Section J, Attachment J, FY 2023 Performance Evaluation and	
		Measurement Plan dated March 3, 2023 is deleted and replaced	
		with the FY 2024 Performance Evaluation and Measurement Plan	
		dated September 30, 2023 and is incorporated into this contract by	
		reference.	