PRIME CONTRACT MODIFICATION INDEX

Fiscal Year 2025

Modification 1449-1486

Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
1449	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,094,728,084.32 obligated and includes letter dated 10/21/24.	10/21/24
1450	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,099,225,620.44 obligated and includes letter dated 10/24/24.	10/24/24
1451	Administrative	Deleted and Replaced: • Section H – Special Contract Requirements is hereby deleted and replaced, updating H.9 – Responsible Corporate Official to Ian Colrain, Ph.D.	10/30/24
1452	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,102,768,582.44 obligated and includes letter dated 11/14/24.	11/19/24
1453	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,102,754,459.44 obligated and includes letter dated 11/19/24.	11/19/24
1454	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,107,049,346.44 obligated and includes letter dated 11/21/24.	11/22/24
1455	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,114,282,296.80 obligated and includes letter dated 11/22/24.	11/22/24
1456	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,159,623,692.13 obligated and includes letter dated 12/18/24.	12/18/24
1457	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,159,623,692.13 obligated and includes letter dated 12/19/24.	12/19/24
1458	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,184,036,814.45 obligated and includes letter dated 12/20/24.	12/20/24
1459	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,191,440,054.82 obligated and includes letter dated 12/20/24.	12/20/24
1460	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,206,263,006.85 obligated and includes letter dated 01/30/25.	01/30/25
1461	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,269,990,060.40 obligated and includes letter dated 01/31/25.	01/31/25
1462	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,274,951,834.58 obligated and includes letter dated 02/21/25.	02/21/2025

PRIME CONTRACT MODIFICATION INDEX

Fiscal Year 2025

Modification 1449-1486

<table>
<tr><td>1463</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,361,866,279.88 obligated and includes letter dated 02/24/25.</td><td>02/24/25</td></tr>
<tr><td>1464</td><td>Administrative</td><td>Deleted and Replaced:
• Section I: Contract Clauses is deleted and replaced, updating the following clauses:
- I.49 52.223-10 Waste Management Program (May 2024)
- I.50 52.223-11 Ozone Depleting Substances and High Global Warming Potential Hydrofluorocarbons (May 2024)
- I.51 52.223-12 Maintenance, Service, Repair or Disposal of Refrigeration Equipment and Air Conditioners (May 2024)
- Section J. Attachment F, Operating and Administrative Requirements (List B) is hereby deleted and replaced while updating the following CRDs:
<table>
<tr><td>Delete</td><td>DOE O 436.1A CRD
Departmental Sustainability
Approved: 04/25/23
Chg 1 (MinChg): 01/13/17</td><td>CRD applicable whole</td></tr>
<tr><td>Delete</td><td>DOE O 522.1A CRD
Pricing of Departmental Materials and Services
Approved: 08/02/18</td><td>CRD applicable part</td></tr>
<tr><td>Add</td><td>DOE O 522.1A Chg 1 (LtdChg) CRD
Pricing of Departmental Materials and Services
Approved: 10/28/24</td><td>CRD applicable part</td></tr>
</table></td><td>02/28/25</td></tr>
<tr><td>1465</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,388,966,279.88 obligated and includes letter dated 03/10/25.</td><td>03/10/25</td></tr>
<tr><td>1466</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,448,519,626.43 obligated and includes letter dated 03/13/25.</td><td>03/13/25</td></tr>
<tr><td>1467</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total
amount of $10,453,880,527.28.obligated and includes letter dated 03/14/25.</td><td>03/14/25</td></tr>
</table>

<table>
<tr><td>1468</td><td>Administrative</td><td>

Deleted and Replaced:

- Section J – Attachment C – FY 24 Small Business Subcontracting Plan, is deleted and replaced with the FY 2025 version of the plan.
- Section J – Attachment D – Special Financial Institution Account Agreement for Use with the Payments Cleared Financing Agreement is deleted and replaced with Modification 5, signed March 24, 2025.
- **Section J – Attachment F – Operating and Administrative Requirements (List B)** is deleted and replaced, updating the following CRDs:

<table>
<tr><td>Delete</td><td>DOE O 437.1 CRD
Bridge and Tunnel Management
Approved: 12/11/20</td><td>CRD applicabl
part</td></tr>
<tr><td>Add</td><td>DOE O 437.1A CRD
Bridge and Tunnel Management
Approved: 09/23/24</td><td>CRD applicabl
part</td></tr>
<tr><td>Delete</td><td>DOE O 472.2A CRD
Personnel Security
Approved: 06/10/22</td><td>CRD applicabl
whole</td></tr>
<tr><td>Add</td><td>DOE O 472.2A Chg 1 (LtdChg) CRD
Personnel Security
Approved: 06/10/22
Chg 1 (LtdChg): 10/28/24</td><td>CRD applicabl
whole</td></tr>
<tr><td>Delete</td><td>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</td><td>CRD applicabl
whole</td></tr>
<tr><td>Add</td><td>DOE O 484.1 Chg 4 (LtdChg) CRD
Reimbursable Work for the Department of Homeland Security
Approved: 08/17/06
Chg 4 (LtdChg): 10/28/24</td><td>CRD applicabl
whole</td></tr>
</table>

</td><td>04/10/25</td></tr>
<tr><td>1469</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total
amount of $10,476,486,539.28 obligated and includes letter dated 04/15/25.</td><td>04/15/25</td></tr>
<tr><td>1470</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total
amount of $10,539,461,038.24 obligated and includes letter dated 04/22/25.</td><td>04/22/25</td></tr>
</table>

PRIME CONTRACT MODIFICATION INDEX

Fiscal Year 2025

Modification 1449-1486

<table>
<tr><td>1471</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total
amount of $10,544,614,760.71 obligated and includes letter dated 04/28/25.</td><td>04/28/25</td></tr>
<tr><td>1472</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,543,639,873.67 obligated and includes letter dated 05/13/25.</td><td>05/13/25</td></tr>
<tr><td>1473</td><td>Administrative</td><td>Deleted and Replaced:
• Section J – Attachment F – Operating and Administrative Requirements (List B) is deleted and replaced, updating the following CRDs:
<table>
<tr><td>Delete</td><td>DOE O 144.1 Admin Chg 1 CRD
Department of Energy American Indian Tribal Government Interactions and Policy
Approved: 01/16/09
Admin Chg 1: 11/06/09</td><td>CRD applicabl
whole</td></tr>
<tr><td>Add</td><td>DOE O 144.1A CRD
DOE Requirements for Consultation and Engagement with Federally Recognized Indian Tribes and Alaska Native Claims Settlement Act Corporations Pursuant to DOE P 144.1
Approved: 10/07/24</td><td>CRD applicabl
whole</td></tr>
<tr><td>Delete</td><td>DOE O 241.1B Chg 1 (Admin Chg) CRD
Scientific and Technical Information Management
Approved: 12/13/10
Chg 1 (Admin Chg): 04/26/16</td><td>CRD applicabl
whole</td></tr>
<tr><td>Add</td><td>DOE O 241.1C CRD
Scientific and Technical Information Management
Approved: 10/28/24</td><td>CRD applicabl
whole</td></tr>
</table>
Section J – Attachment J – Performance Evaluation and Measurement Plan is deleted and replaced with the FY 2025 2.0 Version of the PEMP dated March 31, 2025.</td><td>05/16/25</td></tr>
<tr><td>1474</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total
amount of $10,601,219,491.49 obligated and includes letter dated 05/22/25.</td><td>05/22/25</td></tr>
<tr><td>1475</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,608,433,881.06 obligated and includes letter dated 05/28/25.</td><td>05/28/25</td></tr>
<tr><td>1476</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,611,749,713.06 obligated and includes letter dated 06/13/25.</td><td>06/13/25</td></tr>
<tr><td>1477</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,674,771,225.09 obligated and includes letter dated 06/24/25.</td><td>06/24/25</td></tr>
</table>

<table>
<tr><td>1478</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,693,534,108.67 obligated and includes letter dated 06/25/25.</td><td>06/25/25</td></tr>
<tr><td>1479</td><td>Administrative</td><td>Deleted and Replaced:
• Section H – Special Contract Requirements, is deleted and replaced, updating H.3 – Employee Compensation: Pay and Benefits DOE-H-2001 (05/2025)
• Section J – Attachment F – Operating and Administrative Requirements (List B) is deleted and replaced, updating the following CRDs:
<table>
<tr><td>Delete</td><td>DOE O 206.2 Chg 1 (LtdChg) CRD
Identity, Credential, and Access Management (ICAM)
Approved: 02/19/13
Chg 1 (LtdChg): 09/02/22</td><td>CRD applicable whole</td></tr>
<tr><td>Add</td><td>DOE O 206.2 Chg 2 (LtdChg) CRD
Identity, Credential, and Access Management (ICAM)
Approved: 02/19/13
Chg 2 (LtdChg): 10/28/24</td><td>CRD applicable whole</td></tr>
<tr><td>Delete</td><td>DOE O 414.1D Chg 2 (LtdChg) CRD
Quality Assurance
Approved: 04/25/11
Chg 2 (LtdChg) : 09/15/20</td><td>CRD applicable in part</td></tr>
<tr><td>Add</td><td>DOE O 414.1E CRD
Quality Assurance
Approved: 12/18/24</td><td>CRD applicable in part</td></tr>
<tr><td>Delete</td><td>DOE O 458.1 Chg 4 (LtdChg) CRD
Radiation Protection of the Public and the Environment
Approved: 02/11/11
Chg 4 (LtdChg): 09/15/20</td><td>CRD applicable in part</td></tr>
<tr><td>Add</td><td>DOE O 458.1 Chg 5 CRD
Radiation Protection of the Public and the Environment
Approved: 02/11/11
Chg 5 (AdminChg): 01/30/25</td><td>CRD applicable in part</td></tr>
</table></td><td>07/14/25</td></tr>
<tr><td>1480</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,703,468,501.67 obligated and includes letter dated 07/16/25.</td><td>7/16/25</td></tr>
<tr><td>1481</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,717,494,759.77 obligated and includes letter dated 07/21/25.</td><td>7/21/25</td></tr>
<tr><td>1482</td><td>Funding</td><td>Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,724,689,504.30 obligated and includes letter dated 07/25/25.</td><td>7/25/25</td></tr>
</table>

1483	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,749,754,267.50 obligated and includes letter dated 08/25/25.	08/25/25
1484	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,752,890,085.31 obligated and includes letter dated 08/28/25.	08/28/25

1485	Administrative	**Deleted and Replaced:** • **Section H – Special Contract Requirements**, is deleted and replaced to include the following changes: ○ **Moved H.42** – Agreements for Commercializing Technology, to Section I becoming I.195 with the inclusion of DEAR 970.5217-2 Agreements for Commercializing Technology (Act)(Dec 2024) ○ **H.57** Key Personnel (DOE-H 2070, Oct 2014)-Alternate I (October 2014), deleted paragraphs (d)(1) and (d)(2). • **Section I – Contract Clauses** is deleted and replaced to include the following changes: **Deleted and Replaced:** ○ **I.17** 52.209-6 Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Nov 2021) ○ **I.27** 52.219-8 Utilization of Small Business Concerns (Oct 2022) ○ **I.28** 52.219-9 Small Business Subcontracting Plan (Oct 2022) Alternate II (Nov 2016) ○ **I.31** 52.219-28 Post-Award Small Business Program Rerepresentation (Oct 2022) ○ **I.46** 52.223-5 Pollution Prevention and Right-to-Know Information (May 2011) Alt I (May 2011) ○ **I.66A** 52.232-40 Providing Accelerated Payments to Small Business Subcontractors (Nov 2021) ○ **I.77** 52.244-5 Competition in Subcontracting (Dec 1996) ○ **I.78** 52.244-6 Subcontracts for Commercial Products and Commercial Services (Dec 2022) ○ **I.80** 52.247-63 Preference for U.S.-Flag Air Carriers (June 2003) ○ **I.90** 952.204-2 Security Requirements (Aug 2016) ○ **I.91** 952.204-70 Classification/Declassification (Sep 1997) ○ **I.97** 952.215-70 Key Personnel (Dec 2000) ○ **I.100** 952.226-74 Displaced Employee Hiring Preference (June 1997) ○ **I.114** 970.5215-1 Total Available Fee: Base Fee Amount and Performance Fee Amount (Dec 2000) ○ **I.115** 970.5215-3 Conditional Payment of Fee, Profit, And Other Incentives-Facility Management Contracts (Aug 2009) Alternate I (Aug 2009) Alternate II (Aug 2009)	09/16/25

		○ **I.116** 970.5217-1 Strategic Partnership Projects Program (Apr 2015) ○ **I.123** 970.5226-1 Diversity Plan (Dec 2000) ○ **I.125** 970.5227-2 Rights in Data – Technology Transfer (Dec 2000) (Deviation) ○ **I.126** 970.5227-3 Technology Transfer Mission (Aug 2019) Alternate I (Aug 2002)(Deviation) ○ **I.127** 970.5227-4 Authorization And Consent (Aug 2002) (Deviation) ○ **I.128** 970.5227-5 Notice and Assistance Regarding Patent and Copyright Infringement (Dec 2000)(Deviation) ○ **I.132** 970..5227-10 Patent Rights – Management and Operating Contracts, Nonprofit Organization or Small Business Firm Contractor (Dec 2000)(Deviation) ○ **I.137** 970.5232-1 Reduction or Suspension of Advance, Partial, or Progress Payments (Dec 2000) ○ **I.138** 970.5232-2 Payments and Advances (Oct 2021) Alternate II (Oct 2021) ○ **I.139** 970.5232-3 Accounts, Records, and Inspection (Oct 2021) ○ **I.143** 970.5232-7 Financial Management System (Oct 2021) ○ **I.145** 970.5235-1 Federally Funded Research and Development Center Sponsoring Agreement (Dec 2010) ○ **I.150** 970.5244-1 Contractor Purchasing System (Oct 2021) ○ **I.151** 970.5245-1 Property (Aug 2016) Alternate I (AUG 2016) ○ **I.159** 52.222-54 Employment Eligibility Verification (May 2022) ○ **I.161** 52.203-17 Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights (Jun 2020) ○ **I.177** 52.242-3 – Penalties for Unallowable Costs (Sep 2021) ○ **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) **<u>Deleted and Reserved:</u>** ○ **I.12** 52.204-4 Printed or Copied Double-Sided on Postconsumer Fiber Content Paper (May 2011)	

- **I.47** 52.223-6 Drug-Free Workplace (May 2001)
- **I.53** 52.223-15 Energy Efficiency in Energy-Consuming Products (May 2020)
- **I.101** 952.227-82 Rights To Proposal Data (Apr 1994)
- **I.109** 970.5204-1 Counterintelligence (Dec 2010)
- **I.120** 970.5223-6 Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management (Oct 2010)
- **I.121** 970.5223-7 Sustainable Acquisition Program (Oct 2010) Alt I (Oct 2010)
- **I.122** 970.5223-4 Workplace Substance Abuse Programs at DOE Sites (Dec 2010)
- **I.166** 52.223-13 Acquisition of EPEAT® - Registered Imaging Equipment (Jun 2014)
- **I.167** 52.223-14 -- Acquisition of EPEAT® - Registered Televisions (Jun 2014)
- **I.168** 52.223-16 -- Acquisition of EPEAT® - Registered Personal Computer Products (Oct 2015) Alternate I (Jun 2014)
- **I.169** 52.223-18 -- Encouraging Contractor Policies to Ban Text Messaging While Driving (Jun 2020)
- **I.179** 970.5216-7 Allowable Cost and Payment (Oct 2021)

Added Clauses:

- **I.195** 970.5217-2 Agreements for Commercializing Technology (ACT) (Dec 2024)

- **Section J – Attachment A, Personnel (Appendix A)** is deleted and replaced.
- **Section J – Attachment D –** Special Financial Institution Account Agreement for Use with the Payments Cleared Financing Agreement, is hereby deleted and replaced with Modification 6.
- **Section J – Attachment F – Operating and Administrative Requirements (List B)** is deleted and replaced, to include two updated CRDs:

Delete	DOE O 151.1D Chg 1 (MinChg) CRD Comprehensive Emergency Management System Approved: 08/11/16 Chg 1 (MinChg): 10/04/19	CRD applicable whole
Add	DOE O 151.1E CRD Comprehensive Emergency Management System Approved: 10/28/24	CRD applicable whole

		Delete	DOE O 483.1B Chg 2 (LtdChg) CRD DOE Cooperative Research and Development Agreements Approved: 12/20/16 Chg 1 (MinChg): 02/08/19 Chg 2 (LtdChg): 12/13/19	CRD applicable in whole	
		Add	DOE O 483.1B Chg 3 (MinChg) CRD DOE Cooperative Research and Development Agreements Approved: 12/20/16 Chg 1 (MinChg): 02/08/19 Chg 2 (LtdChg): 12/13/19 Chg 3 (MinChg): 10/28/24	CRD applicable in whole	
1486	Funding	Clause I.140 970.5232-4 Obligation of Funds reflects total amount of $10,757,390,085.31 obligated and includes letter dated 09/17/25.			09/18/25