

PRIME CONTRACT MODIFICATION INDEX

Fiscal Year 2017

Modifications 1123 - 1158

Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A1123	Funding	<ul style="list-style-type: none"> Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,687,666,642.24 obligated and reflects letter mod dated 10/25/16. 	10/27/16
M1124	Administrative	<p><u>Deleted and Replaced:</u></p> <ul style="list-style-type: none"> Section H, Clause H.3, Employee Compensation: Pay and Benefits, is deleted and replaced to capture updates to Clause H.3. Section H, Clause H.9, Responsible Corporate Official, is deleted and replaced to acknowledge Thomas Sack as the Chair, Alliance Board of Directors. Section J, Attachment F, Operating and Administrative Requirements (List B) is deleted and replaced to delete DOE O 350.2B, Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in Washington, D.C. Area. 	11/21/16
A1125	Funding	<ul style="list-style-type: none"> Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,696,040,069.63 obligated and is inconsistent with letter mods dated 11/03/16, 11/09/16, 11/16/16 and 11/22/16. 	11/23/16
A1126	Funding	<ul style="list-style-type: none"> Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,724,146,821.58 obligated, reflects letter mod dated 11/22/16 and includes letter mods dated 11/03/16, 11/09/16 and 11/16/16. 	11/23/16
A1127	Funding	<ul style="list-style-type: none"> Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,811,346,717.98 obligated and is inconsistent with letter mods dated 12/06/16, 12/14/16 and 12/21/16. 	12/22/16
A1128	Funding	<ul style="list-style-type: none"> Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,813,231,646.60 obligated, reflects letter mod dated 12/21/16 and includes letter mods dated 12/06/16 and 12/14/16. 	12/22/16
M1129	Administrative	<p><u>Incorporated by Reference:</u></p> <ul style="list-style-type: none"> Section J, Attachment J, Performance Evaluation and Measurement Plan, FY 2016 dated February 23, 2016 is deleted, and the FY 2017 Performance Evaluation and Measurement Plan dated December 21, 2016 is incorporated into this contract by reference. 	01/5/17

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M1130	<u>Administrative</u>	<ul style="list-style-type: none"> • Increased the total award value <p><u>Deleted and Replaced:</u></p> <ul style="list-style-type: none"> • Section B, Clause B.3, Transition Cost, Estimated Costs and Maximum Available Fee • Section C, Clause C.4, Statement of Work • Section F, Clause F.1, Term of Contract • Section I, Clause I.25, 52.217-9, Option to Extend the Term of the Contract • Section J, Attachment H, Performance Guarantee Agreement 	01/18/17
A1131	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,862,205,907.44 obligated and is inconsistent with letter mods dated 01/24/17, 01/19/17, 01/11/17 and 01/04/17. 	01/25/17
A1132	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,864,647,319.87 obligated, reflects letter mod dated 01/24/17 and includes letter mods dated 01/19/17, 01/11/17 and 01/04/17. 	01/26/17
A1133	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,889,390,720.30 obligated and is inconsistent with letter mods dated 02/22/17, 02/05/17 and 02/08/17. 	02/23/17
A1134	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,891,223,038.27 obligated, reflects letter mod dated 02/22/17 and includes letter mods dated 02/05/17 and 02/08/17. 	02/23/17
A1135	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,892,446,037.62 obligated and is inconsistent with letter mod dated 03/15/17. 	03/15/17

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M1136	<u>Administrative</u>	<p><u>Deleted and Replaced:</u></p> <ul style="list-style-type: none"> • Section E, Inspection and Acceptance, is deleted and replaced to remove Clause E.3, Certification, and the Section E, Table of Contents, is updated accordingly. • Section G, Contract Administration Data, is deleted and replaced to update Clause G.2, Contract Administration, to remove Clauses G.4, Monthly Cost Reports and Clause G.5, Indirect Charges. The Section G, Table of Contents is updated accordingly. • Section J, Attachment C, Small Business Subcontracting Plan: The FY 2016 Small Business Subcontracting Plan is deleted and replaced with the FY 2017 Small Business Subcontracting Plan. • Section J, Attachment D, Special Financial Institution Account Agreement: The agreement as executed on August 11, 2009, and as subsequently modified, is incorporated by reference. <p><u>Added:</u></p> <ul style="list-style-type: none"> • Section H, Clause H.48, Contractor's Performance of Obligations under DOE/GFO's Small Generator Interconnection Agreement with Public Service Company of Colorado (SGIA385-0.0.0) for NREL/NWTC Wind and Solar Generation Project, is hereby incorporated into Part I, Section H, Special Contract Requirements and Part I, Section H, Special Contract Requirements, Table of Contents. 	03/20/17
A1137	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,893,786,779.45 obligated and includes letter dated 03/22/17. 	03/22/17
A1138	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,915,663,249.92 obligated and includes letter dated 03/24/17. 	03/24/17
A1139	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,915,847,715.94 obligated and includes letter dated 04/04/17. 	04/04/17
A1140	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,920,668,329.19 obligated and includes letter dated 04/18/17. 	04/18/17

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A1141	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,936,161,809.42 obligated and includes letter dated 04/21/17. 	04/25/17
M1142	<u>Administrative</u>	<p>Section H: Special Contract Requirements: Deleted:</p> <ul style="list-style-type: none"> • H.14 Strengthening Federal Environmental, Energy, and Transportation Management, Executive Order 13423 • H.23 Compliance with Internet Protocol Version 6 (IPv6) in Acquiring Information Technology • H.24 Activities During Contract Transition (Special) • H.30 Incurrence of Relocation Costs Prior to the Initiation of M&O Activities • H.35 Special provisions relating to work funded under American Recovery and Reinvestment Act of 2009 (APR 2009) • H.38 Contractor's Obligations Regarding Data Furnished Under DOE Cooperative Agreement Number DE-FC36-04GO14285 • H.41 Contractor's Obligations Regarding Data Furnished by Grantees Under DOE Funding Opportunity Announcement DE-FOA-0000058 • H.44 CONFERENCE SPENDING CONSOLIDATED AND FURTHER CONTINUING APPROPRIATIONS ACT, 2013 FOR MANAGEMENT AND OPERATING CONTRACTS (MAY 2013) <p><u>Deleted and Replaced with Revised Corporate Clauses:</u></p> <ul style="list-style-type: none"> • H.1 No Third Party Beneficiaries replaced with H.1 No Third Party Beneficiaries (DOE-H-2002, Oct 2014) • H.4 Post Contract Responsibilities for Pension and Other Benefit Programs replaced with H.4 Post 	05/16/17

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Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		<p>Contract Responsibilities for Pension and Other Benefit Programs (DOE-H-2004, Oct 2014)</p> <ul style="list-style-type: none"> • H.5 Labor Relations replaced with H.5 Labor Relations (DOE-H-2028, Oct 2014) • H.10 Alternative Disputes Resolution replaced with H.10 Alternative Disputes Resolution (DOE-H-2033, Oct 2014) • H.11 Allocation Of Responsibility And Liability For Contractor And U.S. Department Of Energy (DOE) Environmental Compliance Activities replaced with H.11 Contractor Acceptance of Notices of Violation or Alleged Violations, Fines, and Penalties (DOE-H-2014, Oct 2014) • H.16 Lobbying Restriction (Energy And Water Act) (2007) replaced with H.16 Lobbying Restriction (DOE-H-2076, Oct 2014) • H.45 Conference Management replaced with H.45 Conference Management (DOE-H-2068, Oct 2014) <p><u>Deleted and Updated with Content Changes:</u></p> <ul style="list-style-type: none"> • H.3 Employee Compensation: Pay and Benefits • H.12 Long-Range Planning, Program Development and Budgetary Administration • H.13 Standards of Contractor Performance Evaluation • H.25 Special Financial Institution Account Agreement • H.28 Employee Concerns Program • H.34 Temporary Laboratory Closures at NREL • H.36 Use of Force by Protective Force Personnel • H.37 Privately-Funded Technology Transfer 	

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Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		<ul style="list-style-type: none"> • H.39 Applicability Of I.158 52.234-4 Earned Value Management System (Jul 2006) • H.43 Privacy Act Records • H.48 Contractor's Performance of Obligations under DOE/GFO's Small Generator Interconnection Agreement with Public Service Company of Colorado (SGIA385-0.0.0) for NREL/NWTC Wind and Solar Generation Project <p>Section J: List of Documents, Exhibits, and Other Attachments: <u>Deleted and Replaced:</u></p> <ul style="list-style-type: none"> • Section J, Attachment A, Personnel (Appendix A) effective January 1, 2016 is hereby deleted and Personnel (Appendix A), effective May 15, 2017 is hereby incorporated into this contract by reference. • Section J, Attachment F, Operating and Administrative Requirements (List B) is deleted and replaced to delete DOE O 483.1A CRD DOE Cooperative Research and Development Agreements and to add DOE O 483.1B CRD DOE Cooperative Research and Development Agreements. • Section J, Attachment J, Performance Evaluation and Measurement Plan, FY 2017 dated December 21, 2016 is deleted, and the FY 2017 Performance Evaluation and Measurement Plan dated March 14, 2017 is incorporated into this contract by reference. 	
A1143	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,938,496,402.50 obligated and includes letter dated 05/19/17. 	05/19/17
A1144	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,951,270,872.70 obligated and includes letter dated 05/23/17. 	05/23/17
A1145	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,956,021,925.82 obligated and includes letter dated 06/16/17. 	06/16/17
A1146	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,956,680,865.51 obligated and includes letter dated 06/21/17. 	06/21/17

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A1147	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,979,981,201.06 obligated and includes letter dated 06/23/17. 	06/23/17
A1148	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$3,981,833,947.63 obligated and includes letter dated 07/20/17. 	07/20/17
A1149	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,047,491,545.06 obligated and includes letter dated 07/25/17. 	07/26/17
A1150	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,049,084,448.54 obligated and includes letter dated 08/03/17. 	08/03/17
A1151	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,050,987,943.02 obligated and includes letter dated 08/14/17. 	08/14/17

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M1152	Administrative	<p><u>Revised:</u></p> <ul style="list-style-type: none"> • Section C, Description/Specification/Statement of Work <p>Part II, Section I, Contract Clauses is updated as follows:</p> <p><u>Added:</u></p> <ul style="list-style-type: none"> • I.162 52.203-19 Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017) • I.163 52.210-1 Market Research (Apr 2011) • 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 1 (Jun 2014) • I.169 52.223-18 Encouraging Contractor Policies to Ban Text Messaging While Driving (Aug 2011) • I.170 52.223-19 Compliance With Environmental Management Systems (May 2011) • I.171 52.225-8 Duty-Free Entry (Oct 2010) • I.172 52.232-39 Unenforceability of Unauthorized Obligations (Jun 2013) • I.174 970.5225-1 Compliance with Export Control Laws and Regulations (Nov 2015) <p><u>Deleted and RESERVED:</u></p> <ul style="list-style-type: none"> • I.13 52.204-5 Women-Owned Business Other Than Small Business (May 1999) • I.14 52.204-7 System for Award Management (Jul 2013) 	08/23/17

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		<ul style="list-style-type: none"> • I.25 52.217-9 Option to Extend the Term of the Contract (Mar 2000) • I.30 52.219-25 Small Disadvantaged Business Participation Program – Disadvantaged Status and Reporting (Jul 2013) • I.42 52.222-38 Compliance with Veterans’ Employment Reporting Requirements (Sep 2010) • I.58 52.225-10 Notice of Buy American Act Requirement – Construction Materials (Feb 2009) Alternate I (May 2002) • I.133 970.5227-12 Patent Rights – Management and Operating Contracts, For-Profit Contractor, Advanced Waiver (Aug 2002) • I.152 52.203-15 Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (Jun 2010) • I.153 52.204-11 American Recovery and Reinvestment Act – Reporting Requirements (Jul 2010) • I.154 52.225-21 Required Use of American Iron, Steel, and Other Manufactured Goods – Buy American Act – Construction Materials (Oct 2010) • I.155 52.225-22 Notice of Required Use of American Iron, Steel, and Manufactured Goods – Buy American Act – Construction Materials (Oct 2010) • I.156 52.225-23 Required Use of American Iron, Steel, and Manufactured Goods – Buy American Act – Construction Materials under Trade Agreements (Nov 2013) Alternate I (Oct 2010) • I.157 52.225-24 Notice of Required Use of American Iron, Steel, and Manufactured Goods – Buy American Act – Construction Materials Under Trade Agreements (Oct 2010) 	

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		<p><u>Revised:</u></p> <ul style="list-style-type: none"> • I.1 52.252-2 Clauses Incorporated by Reference (Feb 1998) • I.2 52.202-1 Definitions (Nov 2013) (As Modified by DEAR 952.201-2) (Feb 2011) • I.4 52.203-5 Covenant Against Contingent Fees (May 2014) • I.6 52.203-7 Anti-Kickback Procedures (May 2014) • I.7 52.203-8 Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity (May 2014) • I.8 52.203-10 Price or Fee Adjustment for Illegal or Improper Activity (May 2014) • I.10 52.203-13 Contractor Code of Business Ethics and Conduct (Oct 2015) • I.11 52.203-14 Display of Hotline Poster(s) (Oct 2015) • I.16 52.204-10 Reporting Executive Compensation and First-Tier Subcontract Awards (Oct 2016) • I.16A 52.204-13 System for Award Management Maintenance (Oct 2016) • I.17 52.209-6 Protecting the Government’s Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Oct 2015) • I.26 52.219-4 Notice of Price Evaluation for HUBZone Small Business Concerns (Oct 2014) • I.27 52.219-8 Utilization of Small Business Concerns (Nov 2016) • I.28 52.219-9 Small Business Subcontracting Plan (Jan 2017) Alternate II (Nov 2016) 	

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		<ul style="list-style-type: none"> • I.34 52.222-4 Contract Work Hours and Safety Standards Act - Overtime Compensation (May 2014) • I.35 52.222-20 Contracts for Materials, Supplies, Articles and Equipment Exceeding \$15,000 (May 2014) • I.36 52.222-21 Prohibition of Segregated Facilities (Apr 2015) • I.37 52.222-26 Equal Opportunity (Sep 2016) • I.38 52.222-29 Notification of Visa Denial (Apr 2015) • I.39 52.222-35 Equal Opportunity for Veterans (Oct 2015) • I.40 52.222-36 Equal Opportunity for Workers with Disabilities (Jul 2014) • I.41 52.222-37 Employment Reports on Veterans (Feb 2016) • I.44 52.222-50 Combating Trafficking in Persons (Mar 2015) • I.50 52.223-11 Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (Jun 2016) • I.51 52.223-12 Maintenance, Service, Repair, Or Disposal Of Refrigeration Equipment And Air Conditioners (Jun 2016) • I.56 52.225-1 Buy American – Supplies (May 2014) • I.57 52.225-9 Buy American – Construction Materials (May 2014) • I.62 52.230-2 Cost Accounting Standards (Oct 2015) 	

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Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
		<ul style="list-style-type: none"> • I.64 52.232.17 Interest (May 2014) • I.65 52.232.24 Prohibition of Assignment of Claims (May 2014) • I.67 52.233-1 Disputes (May 2014) Alternate 1 (Dec 1991) • I.78 52.244-6 Subcontracts for Commercial Items (Jan 2017) • I.90 952.204-2 Security Requirements (Aug. 2016) • I.116 970.5217-1 Strategic Partnership Projects Program (Apr 2015) • I.128 970.5227-5 Notice and Assistance Regarding Patent and Copyright Infringement (Dec 2000) • I.132 970.5227-10 Patent Rights – Management and Operating Contracts, Nonprofit Organization or Small Business Firm Contractor (Dec 2000) • I.142 970.5232-6 Strategic Partnership Project Funding Authorization (Apr 2015) • I.150 970.5244-1 Contractor Purchasing System (AUG 2016) • I.151 970.5245-1 Property (AUG 2016) Alternate I (AUG 2016) • I.158 52.234-4 Earned Value Management System (Nov 2016) • I.159 52.222-54 Employment Eligibility Verification_(Oct 2015) <p><u>Revised:</u></p> <ul style="list-style-type: none"> • Section J, List of Documents, Exhibits, and Other Attachments Attachment F, Operating and Administrative Requirements (List B). 	

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		Deleted	DOE O142.3A CRD Unclassified Foreign Visits and Assignments Program	CRD applicable in whole	
		Added	DOE O 142.3A Chg 1 (MinChg) CRD Unclassified Foreign Visits and Assignments Program Approved: 10/14/10 Chg 1 (MinChg): 01/18/17	CRD applicable in whole	
		Deleted	DOE O 151.1C CRD Comprehensive Emergency Management System	CRD applicable in whole	
		Added	DOE O 151.1D CRD Comprehensive Emergency Management System Approved: 08/11/16	CRD applicable in whole	
		Deleted	DOE O 200.1A CRD Information Technology Management	CRD applicable in whole	
		Added	DOE O 200.1A Chg 1 (MinChg) CRD Information Technology Management Approved: 12/23/08 Chg 1 (MinChg): 01/13/17	CRD applicable in whole	
		Deleted	DOE O 205.1B CRD Department of Energy Cyber Security Program	CRD applicable in part	
		Added	DOE O 205.1B Chg 3 (PgChg) CRD Department of Energy Cyber Security Program Approved: 05/16/11 Chg 3 (PgChg): 04/29/14	CRD applicable in part	
		Deleted	DOE O 221.1A CRD Reporting Fraud, Waste, and Abuse to the Office of Inspector General	CRD applicable in whole	
		Added	DOE O 221.1B CRD Reporting Fraud, Waste and Abuse to the Office of Inspector General Approved: 09/27/16	CRD applicable in whole	
		Deleted	DOE O 221.2 CRD Cooperation with the Office of Inspector General	CRD applicable in whole	

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		Added	DOE O 221.2A CRD Cooperation with the Office of Inspector General Approved: 02/25/08	CRD applicable in whole	
		Deleted	DOE O 227.1 CRD Independent Oversight Program	CRD applicable in whole	
		Added	DOE O 227.1A CRD Independent Oversight Program Approved: 12/21/15	CRD applicable in whole	
		Deleted	DOE O 231.1 CRD Environment, Safety and Health Reporting	CRD applicable in whole	
		Added	DOE O 231.1B Admin Chg 1 CRD Environment, Safety and Health Reporting Approved: 06/27/11 Admin Chg 1: 11/28/12	CRD applicable in whole	
		Deleted	DOE O 232.2 CRD Occurrence Reporting and Processing of Operations Information	CRD applicable in whole	
		Added	DOE O 232.2A CRD Occurrence Reporting and Processing of Operations Information Approved: 01/17/17	CRD applicable in part	
		Deleted	DOE O 241.1B CRD Scientific and Technical Information Management	CRD applicable in whole	
		Added	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	CRD applicable in whole	
		Deleted	DOE O 243.1B CRD Records Management Program	CRD applicable in part	
		Added	DOE O 243.1B Admin Chg 1 CRD Records Management Program Approved: 03/11/13 Admin Chg 1: 07/08/13	CRD applicable in part	

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		Deleted	DOE O 413.1A CRD Management Control Program	CRD applicable in whole	
		Added	DOE O 413.1B CRD Internal Control Program Approved: 10/28/08	CRD applicable in whole	
		Deleted	DOE O 413.2B CRD Laboratory Directed Research and Development	CRD applicable in whole	
		Added	DOE O 413.2C CRD Laboratory Directed Research and Development Approved: 10/22/15	CRD applicable in whole	
		Deleted	DOE O 413.3B CRD Program and Project Management for the Acquisition of Capital Assets	CRD applicable in whole	
		Added	DOE O 413.3B Chg 3 (PgChg) CRD Program and Project Management for the Acquisition of Capital Assets Approved: 11/29/10 Chg 3 (PgChg): 12/20/16	CRD applicable in whole	
		Deleted	DOE O 414.1D CRD Quality Assurance	CRD applicable in part	
		Added	DOE O 414.1D Admin Chg 1 CRD Quality Assurance Approved: 04/25/11 Admin Chg 1: 05/08/13	CRD applicable in part	
		Deleted	DOE O 442.2 CRD Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns	CRD applicable in whole	
		Added	DOE O 442.2 Chg 1 (PgChg) CRD Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns Approved: 07/29/11 Chg 1 (PgChg): 10/05/16	CRD applicable in whole	

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		Deleted	DOE O 456.1 CRD The Safe Handling of Unbound Engineered Nanoparticles	CRD applicable in part	
		Added	DOE O 456.1A CRD The Safe Handling of Unbound Engineered Nanoparticles Approved: 07/15/16	CRD applicable in whole	
		Deleted	DOE O 458.1 Change 2 CRD Radiation Protection of the Public and the Environment	CRD applicable in part	
		Added	DOE O 458.1 Admin Chg 3 CRD Radiation Protection of the Public and the Environment Approved: 02/11/11 Admin Chg 3: 01/15/13	CRD applicable in part	
		Added	DOE O 470.3C CRD (U) Design Basis Threat (DBT) Approved: 11/23/16	CRD applicable in part	
		Deleted	DOE O 470.4B CRD Safeguards and Security Program	CRD applicable in part	
		Added	DOE O 470.4B Chg 2 (MinChg) CRD Safeguards and Security Program Approved: 07/21/11 Chg 2 (MinChg): 01/17/17	CRD applicable in part	
		Deleted	DOE O 471.3 CRD Identifying and Protecting Official Use Only Information	CRD applicable in whole	
		Added	DOE O 471.3 Admin Chg 1 CRD Identifying and Protecting Official Use Only Information Approved: 04/09/03 Admin Chg 1: 01/13/11	CRD applicable in whole	
		Deleted	DOE M 471.3-1 CRD Manual for Identifying And Protecting Official Use Only Information	CRD applicable in whole	
		Added	DOE M 471.3-1 Admin Chg 1 CRD	CRD applicable in whole	

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Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308			Date Signed by Contracting Officer
			Manual for Identifying and Protecting Official Use Only Information Approved: 04/09/03 Admin Chg 1: 01/13/11		
		Deleted	DOE O 472.2 CRD Personnel Security	CRD applicable in part	
		Added	DOE O 472.2 Chg 1 (PgChg) CRD Personnel Security Approved: 07/21/11 Chg 1 (PgChg): 07/09/14 Certified Date: 07/16/15	CRD applicable in part	
		Deleted	DOE O 473.3 CRD Protection Program Operations	CRD applicable in part	
		Added	DOE O 473.3A CRD Protection Program Operations Approved: 03/23/16	CRD applicable in part	
		Deleted	DOE O 483.1A CRD DOE Cooperative Research and Development Agreements	CRD applicable in part	
		Added	DOE O 483.1B CRD DOE Cooperative Research and Development Agreements Approved: 12/20/16	CRD applicable in part	
		Deleted	DOE O 484.1 CRD Reimbursable Work for the Department of Homeland Security	CRD applicable in whole	
		Added	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	CRD applicable in whole	
		Deleted	DOE O 551.1D CRD Official Foreign Travel	CRD applicable in whole	

PRIME CONTRACT MODIFICATION INDEX

Fiscal Year 2017

Modifications 1123 - 1158

Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer						
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">Added</td> <td style="width: 55%;">DOE O 551.1D Chg 2 (Minor Revision) CRD Official Foreign Travel Approved: 04/02/12 Chg 2 (Minor Revision): 08/09/16</td> <td style="width: 30%;">CRD applicable in whole</td> </tr> <tr> <td style="text-align: center;">Deleted</td> <td>DOE O 580.1A CRD Department of Energy Personal Property Management Program</td> <td>CRD applicable in whole</td> </tr> </table>	Added	DOE O 551.1D Chg 2 (Minor Revision) CRD Official Foreign Travel Approved: 04/02/12 Chg 2 (Minor Revision): 08/09/16	CRD applicable in whole	Deleted	DOE O 580.1A CRD Department of Energy Personal Property Management Program	CRD applicable in whole	
Added	DOE O 551.1D Chg 2 (Minor Revision) CRD Official Foreign Travel Approved: 04/02/12 Chg 2 (Minor Revision): 08/09/16	CRD applicable in whole							
Deleted	DOE O 580.1A CRD Department of Energy Personal Property Management Program	CRD applicable in whole							
A1153	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,052,315,810.15 obligated and includes letter dated 08/24/17. 	08/24/17						

PRIME CONTRACT MODIFICATION INDEX

Fiscal Year 2017

Modifications 1123 - 1158

Modification Reference	Type	Description of Modification Prime Contract No. DE-AC36-08GO28308	Date Signed by Contracting Officer
A1154	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,094,940,822.85 obligated and does not include a letter mod. See M1155 for a letter dated 08/28/17 referencing A1154. 	08/29/17
M1155	<u>Administrative</u>	<p>Administrative Modification 1155 provides the following minor corrections to Admin Mod 1152 and to Financial Mod 1154 only:</p> <ul style="list-style-type: none"> • Remove erroneously placed document titled, Section I, Contract Clauses, under Attachment 4 to Modification 1152, and replace with the correct Section I, Contract Clauses, as originally intended. • Remove erroneously placed document titled, Mod 1154 – Letter August 28, 2017, under Attachment 1 to Modification 1154, and replace with the correct Letter to Modification 1154 as previously intended. 	09/11/17
A1156	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,103,660,079.68 obligated and includes letter dated 09/20/17. 	09/21/17
A1157	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,124,366,180.24 obligated and includes letter dated 09/25/17. 	09/25/17
A1158	<u>Funding</u>	<ul style="list-style-type: none"> • Clause I.140 970.5232-4 Obligation of Funds reflects total amount of \$4,127,293,250.16 obligated and includes letter dated 09/26/17. 	09/26/17