#### Modification 004 March 13, 2007

Part III – Section J, Attachment J.3 – Appendix C, Special Financial Institution Account Agreement Changed reference from old contract (W-7405-ENG-82) to new contract (DE-AC02-07CH11358).

Part III – Section J, Attachment J.9 – Appendix I, DOE Directives, List B: List of Applicable Directives Added

O 450.1	Environmental Protection Program
	Change 3 01/03/07
O 443.1	Protection of Human Subjects
M 483.1-1	DOE Cooperative Research and Development Agreements Manual
O 484.1	Reimbursable Work for the Department of Homeland Security
O 580.1	Department of Energy Personal Property Management Program

#### Cancelled/Deleted

M 470.4-3	Protective Forces
N 481.1A	Reimbursable Work for Department of Homeland Security
O 481.1C	Work for Others (Non-Department of Energy Funded Work)
O 5480.4	Environmental Protection, Safety, and Health Protection

Part III – Section J, Attachment J.11 – Appendix K, Key Personnel Added

Chief Operations Officer Mark Murphy

#### Modification 006 May 8, 2007

Part III, Section J, Attachment J.2 – Appendix B, Performance Evaluation Measurement Plan Added Plan for January 1, 2007 through September 30, 2007

#### Modification 011 October 15, 2007

Part I – Section H, Special Contract Requirements

Added

Clause H.38 CONTRACTOR'S PRIVATELY FUNDED TECHNOLOGY TRANSFER ACTIVITIES

Part II – Section I, Contract Clauses

Revised

Clause I.94 DEAR 970.5204-3 ACCESS TO AND OWNERSHIP OF RECORDS (DEVIATION JUL 2005)

Clause I.107 DEAR 970.5227-2 RIGHTS IN DATA TECHNOLOGY TRANSFER (DEVIATION JUL 2006)

Clause I.108 dear 970.5227-3 TECHNOLOGY TRANSFER MISSION (DEVIATION JUL 2006)

Modification 018 February 22, 2008

Part III, Section J, Attachment J.2 – Appendix B, Performance Evaluation Measurement Plan Added Plan for FY 2008

### Modification 020 December 10, 2007

Part III – Section J, Attachment J.9 – Appendix I, DOE Directives, List B: List of Applicable Directives Added

N 206.4	Personal Identity Verification
O 110.3A	Conference Management
O 205.1A	Department of Energy Cyber Security Management
O 210.2	DOE Corporate Operating Experience Program
O 226.1A	Implementation of Department of Energy Oversight Policy
M 450.4-1	Integrated Safety Management System Manual
	Chg 1 8-14-06

#### Cancelled/Deleted

N 206.3	Personal Identity Verification
O 110.3	Conference Management
O 205.1	Department of Energy Cyber Security Management
O 226.1	Implementation of Department of Energy Oversight Policy
O 440.1A	Worker Protection Management for DOE Federal and Contractor
	Employees
N 450.7	The Safe Handling, Transfer, and Receipt of Biological Etiologic Agents at
	Department of Energy Facilities

### Modification 027 June 9, 2008

Part III – Section J, Attachment J.9 – Appendix I, DOE Directives, List B: List of Applicable Directives Added

N 206.5	Response and Notification Procedures for Data Breaches Involving
	Personally Identifiable Information
O 221.2A	Cooperation with the Office of Inspector General
O 430.2B	Departmental Energy, Renewable Energy and Transportation
	Management
O 443.1A	Protection of Human Subjects
P 443.1A	Protection of Human Subjects
P 456.1	Secretarial Policy Statement on Nanoscale Safety

#### Cancelled/Deleted

O 221.2	Cooperation with the Office of Inspector General
O 430.2A	Departmental Energy and Utilities Management
O 443.1	Protection of Human Subjects
P 443.1	Protection of Human Subjects

Part III – Section J, Attachment J.11 – Appendix K, Key Personnel Changed Key Personnel List to the following:

Laboratory Director

Deputy Director

Division Director for Science & Technology

Chief Operations Officer

Mark Murphy

Manager – ESH&A and PD S&S

Alexander King

Bruce Harmon

Patricia Thiel

Mark Murphy

Tom Wessels

#### Modification 032 October 15, 2008

Part I – Section H, Special Contract Requirements
Added

Clause H.39 INFORMATION TECHNOLOGY INFORMATION

### Modification 033 October 16, 2008

Part I – Section H, Special Contract Requirements

Added

Clause H.40 ADDITION AND ALTERATIONS TO IMPLEMENT EXECUTIVE ORDER 13423,

STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT AND ITS IMPLEMENTING

INSTRUCTIONS

Part II – Section I, Contract Clauses, shall be updated and incorporated into this contract in accordance with DOE Acquisition Letter 2008-05 dated 4/03/2008.

Revised the following to change referenced EO to EO 13423

FAR 52.223-5 Pollution Prevention and Right-to-Know Information
FAR 52.223-10 Waste Reduction Program
DEAR 970.5223-2 Affirmative Procurement Program
DEAR 970.5223-5 DOE Motor Vehicle Fleet Fuel Efficiency

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Part III – Section J, Attachment J.9 – Appendix I, DOE Directives, List B: List of Applicable Directives Added

M 460.2-1A	Radioactive Material Transportation Practices
N 234.1	Reporting of Radioactive Sealed Sources
O 150.1	Continuity Programs
O 221.1A	Reporting Fraud, Waste and Abuse to the Office of Inspector General
O 450.1A	Environmental Protection Program
O 551.1C	Official Foreign Travel
O 580.1	Department of Energy Personal Property Management Program, Chg 1

#### Cancelled/Deleted

NA 460 2 4 A

M 460.2-1	Radioactive Material Transportation Practices
O 221.1	Reporting Fraud, Waste and Abuse to the Office of Inspector General
O450.1	Environmental Protection Program
O 551.1B	Official Foreign Travel

Part III – Section J, Attachment J.3 – Appendix C, Special Financial Institution Account Agreement

Added Amendment 5, dated May 21, 2008 to extend bank agreement through June 30, 2011.

#### Modification 035 December 9, 2008

Part II – Section I, Contract Clauses, shall be updated and incorporated into this contract in accordance with 10 CFR 707.

Revised the following to add all holders of access authorizations to those subject to drug testing.

Clause I.103 DEAR 970.5223-4 - Workplace Substance Abuse Programs At DOE Sites

Part III, Section J, Attachment J.2 – Appendix B, Performance Evaluation Measurement Plan
Added Plan for FY 2009

#### Modification 042 March 18, 2009

Part I – Section H, Special Contract Requirements
Added

Clause H.41 SPECIAL PROVISIONS RELATING TO WORK FUNDED UNDER AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (FEB 2009)

#### Modification 044 April 23, 3009

Obligates ARRA funds and modifies language regarding ARRA requirements.

Part I – Section E, Inspection and Acceptance

Added

E.2 Certification

Part I – Section G, Contract Administration Data

Added

G.4 Monthly ReportingG.5 Indirect Charges

Part I – Section H, Special Contract Requirements

**Replaces** 

H.41 from Mod 042 with H.41 from Mod 044

Part II – Section I, Contract Clauses

Added

Clause I.33 American Recovery and Reinvestment Act – Reporting Requirements

Clause I.51 FAR 52.225-21, Required Use of American Iron, Steel, and Other

Manufactured Goods – Buy American Act – Construction Materials

Clause I134 FAR 52.203-15, Whistleblower Protection Under the American recovery and Reinvestment Act of 2009

Modified

Clause I.121 DEAR 970.5232-3, Accounts, Records and Inspection (DEC 2000)

### Modification 046 May 19, 2009

Part III – Section J, Attachment J.7 – Appendix G, Purchasing System Requirements Reduced subcontract approval authority from \$500,000 to \$175,000.

Part III – Section J, Attachment J.9 – Appendix I, DOE Directives, List B: List of Applicable Directives

#### Added

O 200.1A	Information Technology Management
O 413.1B	Internal Control Program
O 413.3A	Program and Project Management for the Acquisition of Capital Assets
N 456.1	The Safe Handling of Unbound Engineered Nanoparticles

#### Cancelled/Deleted

O 200.1	Information Technology Management
O 251.1A	Directive System
O 413.1A	Management Control Program
M 413.3-1	Program and Project Management for the Acquisition of Capital Assets

#### Modification 056 January 7, 2010

Part III, Section J, Attachment J.2 – Appendix B, Performance Evaluation Measurement Plan Added Plan for FY 2010

#### Modification 059 February 2, 2010

Part I – Section H, Special Contract Requirements
Added

Clause H.42 CONTRACTOR ASSURANCE SYSTEM

#### Modification 067 May 19, 2010

Part II – Section I, Contract Clauses

Added

Clause I.26A FAR 52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (JAN 2009)

#### Modification 076 August 24, 2010

Part II, Section I, Contract Clauses

Deleted

Clause I.33 FAR 52.204-11 – American Recovery and Reinvestment Act – Reporting

Requirements (MAR 2009) previously incorporated under Modification

044

Replace with

Clause I.33 FAR 52.204-11 – American Recovery and Reinvestment Act – Reporting Requirements (JUL 2010)

### Modification 080 October 14, 2010

Part III, Section J, Attachment J.2 – Appendix B, Performance Evaluation Measurement Plan Added Plan for FY 2011

Part III – Section J, Attachment J.11 – Appendix K, Key Personnel

Changed Key Personnel List to the following:

Laboratory Director
Deputy Director
Division Director for Science & Technology
Chief Operations Officer
Mark Murphy
Manager – ESH&A and PD S&S
Alexander King
Bruce Harmon
Duane Johnson
Mark Murphy
Tom Wessels