Department of Energy
Ames Site Office
9800 South Cass Avenue
Argonne, Illinois 60439

Dr. Alan Goldman, Acting Director
Ames Laboratory
Iowa State University
Ames, Iowa 50011-3020

Dear Dr. Goldman:

SUBJECT: MODIFICATION NO. M020 TO CONTRACT NO. DE-AC02-07CH11358

Enclosed for Your Execution are four **unsigned** copies of the subject modification. The administrative modification updates Part III – Section J, Attachment J.9, Appendix I of the Contract. You must sign and return all four copies of the administrative modification on behalf of Iowa State University. Upon receipt of the subject signed modifications, I will sign and return one original copy that you will need for your records.

Sincerely,

Thomas Harrison, Contracting Officer
Ames Site Office

Enclosure:
Modification No. M020

cc: M. Murphy, Ames, w/encl.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 | 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
M020	See Block 16 C.	N/A	N/A

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* Code
U.S. Department of Energy Chicago Operations/Ames Site Office 9800 South Cass Avenue Argonne, IL 60439	**M020**

8. NAME AND ADDRESS OF CONTRACTOR *(No. street, county, State and ZIP Code)*	(✓)	9.A. AMENDMENT OF SOLICITATION NO.
Iowa State University 125 Beardshear Hall Ames, IA 50011-3020		9.B. DATED *(SEE ITEM 11)*
		10.A. MODIFICATION OF Contract/Order NO. DE-AC02-07CH11358
CODE N/A FACILITY CODE N/A		10.B. DATED *(SEE ITEM 13)* January 1, 2007

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 telegram 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 telegram or letter, provided each telegram or letter 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)*
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	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 date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	D. OTHER *(Specify type of modification and authority*

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 4 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section heading, including solicitation/contract subject matter where feasible.)*

See Page No. 2 of this modification.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Warren R. Madden **Vice President for Business and Finance**	Thomas Harrison, Contracting Officer
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 16C. DATE SIGNED
Warren R. Madden 11/29/07	BY Thomas Harrison 12/10/2007
(Signature of person authorized to sign	*(Signature of Contracting Officer)*

14. Description of Amendment/Modification:

Part III – Section J, Attachment J.9 – Appendix I, DOE Directives, List B: List of Applicable Directives; previously incorporated into this contract is hereby adding, deleting and revising the following:

Directives:
Adding: (All changes are embolden)

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

Canceling/Deleting:

1. N 206.3 Personal Identity Verification
2. O 110.3 Conference Management
3. O 205.1 Department of Energy Cyber Security Management
4. O 226.1 Implementation of Department of Energy Oversight Policy
5. O 440 .1A Worker Protection Management for DOE Federal and Contractor Employees.
6. N 450.7 The Safe Handling, Transfer, and Receipt of Biological Etiologic Agents at Department of Energy Facilities.

ATTACHMENT J.9

APPENDIX I

DOE DIRECTIVES/LIST B

Applicable to the Operation of AMES Laboratory

Contract No. DE-AC02-07CH11358

ES&H

O 151.1C	11/02/05	Comprehensive Emergency Management System
O 225.1A	11/26/97	Accident Investigation
M 231.1-1A Chg. 1	09/09/04	Environment Safety & Health Reporting Manual
M 231.1-2	08/19/03	Occurrence Reporting and Processing of Operations Information
O 414.1C	06/17/05	Quality Assurance
O 420.1A	05/20/02	Facility Safety
O 435.1 Chg. 1	07/09/99 08/28/01	Radioactive Waste Management
O 450.1 Chg. 2 Chg. 3	12/07/05 01/03/07	Environmental Protection Program
O 460.1B	04/04/03	Packaging and Transportation Safety
O 460.2A	12/22/04	Departmental Materials Transportation and Packaging Management
O 5400.5* Chg. 1 Chg. 2	02/08/90 06/05/90 01/07/93	Radiation Protection of the Public and the Environment
O 5480.19 Chg. 1 Chg. 2	07/09/90 05/18/92 10/23/01	Conduct of Operations Requirements for DOE Facilities
DOE Std. 1090-2004	June 2004	Hoisting and Rigging Standard

SAFEGUARDS AND SECURITY

O 142.3	06/18/04	Unclassified Foreign Visits and Assignments
O 205.1A	**03/21/03**	**Department of Energy Cyber Security Management Program**
M 205.1-1	09/30/04	Incident Prevention, Warning and Response (IPWAR) Manual

		System
M 205.1-2	06/26/05	Clearing, Sanitation, and Destruction of Information Storage Media, Memory Devices, and Related Hardware Manual
N 205.2	11/01/99	Foreign National Access to DOE Cyber Systems (extended by DOE N 205.16)
N 205.3	11/23/99	Password Generation, Protection, and Use (extended by DOE N 205.16)
N 205.8	02/11/04	Cyber Security Requirements for Wireless Devices and Information Systems (extended by DOE N 205.15)
N 205.9	02/19/04	Certification and Accreditation Process for Information Systems Including National Security Systems (extended by DOE N 205.15)
N 205.10	02/19/04	Cyber Security Requirements for Risk Management (extended by DOE N 205.15)
N 205.11	02/19/04	Security Requirements for Remote Access to DOE and Applicable Contractor Information Technology Systems (extended by DOE N 205.15)
N 206.4	**11/22/05**	**Personal Identity Verification**
M 450.4-1	**11/01/06**	**Integrated Safety Management System Manual**
O 470.2B	10/31/02	Independent Oversight and Performance Assurance Program
O 470.3A	11/29/05	Design Basis Threat Policy
O 470.4	08/26/05	Safeguards and Security Program
M 470.4-1 Chg. 1	03/07/06	Safeguard Security and Awareness Program
M 470.4-2 & 3 Chg. 1	03/07/06	Physical Protection
M 470.4-6	08/26/05	Nuclear Material Control and Accountability
M 470.4-7	08/26/05	Safeguards and Security Program References

O 471.3	04/09/03	Identifying and Protecting Official Use Only Information
M 471.3-1	04/09/03	Manual for Identifying and Protecting Official Use Only Information
O 475.1	12/10/04	Counterintelligence Program
M 481.1-1A Chg. 1	09/28/01	Work for Others (Non-Department of Energy Funded Work)
O 551.1B	08/19/03	Official Foreign Travel
O 5660.1B	05/26/94	Management of Nuclear Materials

FINANCIAL MANAGEMENT

O 130.1	09/29/95	Budget Formulation Process (extended by DOE N 251.45, 05/29/02)
O 413.1A	04/18/02	Management Control Program
O 522.1	11/03/04	Pricing of Departmental Materials & Services
O 534.1B	01/06/03	Accounting

OTHER

O 110.3A	**11/03/99**	**Conference Management**
O 200.1	09/30/96	Information Management Program
N 203.1	10/02/00	Software Quality Assurance (extended by DOE N 251.40)
O 203.1	01/07/05	Limited Personal Use of Government Office Equipment Including Information Technology
O 210.2	**06/12/06**	**DOE Corporate Operating Experience Program**
O 221.1	03/22/01	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
O 221.2	03/22/01	Cooperation with the Office of Inspector General
O 226.1A	**09/15/05**	**Implementation of Department of Energy Oversight Policy**
O 241.1A	04/09/01	Scientific and Technical Information Management

Chg. 1	10/14/03	
O 243.1	02/03/06	Records Management
O 251.1A	01/30/98	Directives System
O 252.1	11/19/99	Technical Standards Program
O 350.1 Chg. 1	09/30/96 05/08/98	Contractor Human Resource Management Programs (Except as otherwise modified in Appendix A of this Contract)
O 350.2A	10/29/03	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area
O 412.1A	04/21/05	Work Authorization System
O 413.2B	04/19/06	Laboratory Directed Research and Development
O 413.3A	07/28/06	Program and Project Management for the Acquisition of Capital Assets
M 413.3-1	03/28/03	Project Management for the Acquisition of Capital Assets Manual
O 430.1B	09/24/03	Real Property Asset Management
O 430.2A	04/15/02	Departmental Energy & Utilities Management
O 442.1A	06/06/01	Department of Energy Employee Concerns Program
O 443.1	05/15/00	Protection of Human Subjects
P 443.1	05/15/00	Protection of Human Subjects
O 482.1	01/12/01	DOE Facilities Technology Partnering Programs
O 483.1	01/12/01	DOE Cooperative Research and Development Agreements
M 483.1-1	01/12/01	DOE Cooperative Research and Development Agreements Manual
O 484.1	08/17/06	Reimbursable Work for the Department of Homeland Security
O 580.1	12/07/05	Department of Energy Personal Property Management Program
O 1220.1A Chg. 1	06/28/92	Congressional and Intergovernmental Affairs

* Parts cancelled by new Orders

Note: Additional Manuals may apply

AMES LABORATORY

December 5, 2007

Thomas Harrison
Contracting Officer, Ames Site Office
Building 201
Chicago Operations Office
U.S. Department of Energy
9800 South Cass Avenue
Argonne, IL 60439

Dear Mr. Harrison:

SUBJECT: Modification No. M020 to Contract No. DE-AC02-07CH11358

Enclosed are four originals of Modification M020 to the Ames Laboratory Contract No. DE-AC02-07CH11358. The language modification updates Part III – Section J, Attachment J.9, Appendix I, DOE Directives, List B. The Modification has been reviewed by Ames Laboratory and signed by Warren Madden for Iowa State University. Please sign and date all four originals. Please return one fully executed original to this office.

Sincerely,

Mark Murphy/SB

Mark L. Murphy
Chief Operations Officer

SB

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 | 1

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CODE N/A FACILITY CODE N/A		10.B. DATED *(SEE ITEM 13)* January 1, 2007

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Warren R. Madden 11/29/07 *(Signature of person authorized to sign*	BY *(Signature of Contracting Officer)*