

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1 CONTRACT ID CODE	PAGE OF PAGES 1 10
2 AMENDMENT/MODIFICATION NO. 0247	3 EFFECTIVE DATE See Block 10C	4 REQUISITION/PURCHASE REQ NO. 15SC000137	5 PROJECT NO. (if applicable)
6 ISSUED BY Thomas Jefferson Site Office U.S. Department of Energy Thomas Jefferson Site Office 12000 Jefferson Avenue Newport News VA 23606	CODE 00523	7 ADMINISTERED BY (if other than Item 6) Thomas Jefferson Site Office U.S. Department of Energy Thomas Jefferson Site Office 12000 Jefferson Avenue Newport News VA 23606	CODE 00523
8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) Jefferson Science Associates, LLC Attn: Elizabeth L Lawson 12000 Jefferson Avenue Newport News Va 236064323		(X) 9A AMENDMENT OF SOLICITATION NO.	
CODE 557101422 FACILITY CODE		9B DATED (SEE ITEM 11)	
		X 10A MODIFICATION OF CONTRACT ORDER NO. DE-AC05-06OR23177	
		10B DATED (SEE ITEM 13) 04/14/2006	

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)
 See Schedule Net Decrease: -529,190.00

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

<input type="checkbox"/> 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
<input type="checkbox"/> B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14 PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
<input type="checkbox"/> C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
<input checked="" type="checkbox"/> D OTHER (Specify type of modification and authority) In accordance with Section 1, Cl. (b) 1, 121, DE R 97-232-4, "Collection of Funds"

IMPORTANT: Contractor is not is required to sign this document and return _____ 1 _____ copies to the issuing office

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings including solicitation/contract subject matter where feasible)
 MANAGEMENT AND OPERATION OF THE THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY.
 TAG: 89 0327: TAS RECOVERY ACT. The purpose of this contract modification is to deobligate funds from the American Recovery and Reinvestment Act of 2009.

Obligated Amount for this Modification: -529,190.00
 Net Total Obligated Amount for this Award: \$1,360,870,688.42
 Incremental Funded Amount changed: from \$1,360,899,978.42 to \$1,360,770,688.42

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A NAME AND TITLE OF SIGNER (Type or print) Lynn Wells, for Joe Scarcello, CFO	15B CONTRACT OFFICE	15C DATE SIGNED Nov 18, 2014	18A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan K. Borthwick	18B UNITED STATES OF AMERICA	18C DATE SIGNED 11/18/14
<i>(Signature of person authorized to sign)</i>			<i>(Signature of Contracting Officer)</i>		

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC05-06OR23177/0247

PAGE 2 OF 10

NAME OF OFFEROR OR CONTRACTOR
Jefferson Science Associates, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>The following is for information only and does not represent any changes other than those detailed above. The amounts following the incrementally funded amount are generated based on the ceiling price and do not necessarily represent current obligations nor appropriations to the various accounts.</p> <p>NEW ACCOUNTING CODE ADDED: Account code: Integrated Contractor Fund 00000 Appr Year 0000 Allottee 00 Reporting Entity 000000 Object Class 00000 Program 0000000 Project 0000000 WFO 0000000 Local Use 0000000 Quantity: 0 Amount: -\$29,190.00 Payment: OR for Oak Ridge/OSTI U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831</p>				

Block 12 “ACCOUNTING AND APPROPRIATIONS DATA,” continued.

Funds Obligated for Recovery Act Projects:

All required accounting and appropriations data, including the Treasury Accounting Symbol and Fund Code is hereby provided as Attachment A to this modification.

Block 14 “DESCRIPTION OF AMENDMENT/MODIFICATION,” continued.

- A. This modification is issued to deobligate funds under the American Recovery and Reinvestment Act (Recovery Act) of 2009 for the Office of Nuclear Physics.
- B. Accordingly, pursuant to Section I Contract Clause – DEAR 970.5232-4 entitled “Obligation of Funds,” funds in the amount of \$29,190 are hereby deobligated from Recovery Act activities. The total amount of funds obligated under this contract since its inception is decreased from \$1,360,899,878.42 to \$1,360,870,688.42.
- C. The specific Contractor Recovery Act Statement of Work, Milestones, Outcomes and Measures, and Deliverables that are revised by this modification are identified in the following referenced Work Authorizations:

Work Authorization Number	Work Authorization Title
KB/OR39/9/ARRA-3 Revision No. 08	Nuclear Physics – Lattice Quantum ChromoDynamics (2005260)
KB/OR39/9/ARRA-4 Revision No. 03	Nuclear Physics – Enhanced AIP funding at NP user facilities (2005220)
KB/OR39/9/ARRA-5 Revision No. 04	Nuclear Physics –Nuclear Science Workforce (2005270)

- D. The work described in this modification shall be performed using funds obligated under this contract, which have been appropriated under the Recovery Act of 2009, (Pub. L. 111-5), and as such, is subject to the special statutory conditions and the additional contractual terms and conditions that were incorporated into the contract at Modification No. A074. The funds obligated hereunder shall only be used to accomplish the work as set forth in paragraph C. above and may not be used for any other purpose without the prior written consent of the Contracting Officer.
- E. The Contractor shall complete all Recovery Act Work funded by this modification in accordance with Recovery Act requirements, including the required completion dates specified therein, and by the completion date identified in the approved work authorization for the activity.
- F. All other terms and conditions remain unchanged.

The total amount under this contract is decreased (\$29,190.00) from \$1,360,899,878.42 to \$1,360,870,688.42.

As a result, the first sentence of paragraph (a) of Clause I.121, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

FT	Program	Obj Cl	Local Use or WFO	B&R Code	Change	FY 2015 Amount	Cumulative Contract Amount
1W	1720614	25400	0496240	650102000 AGRJSA-2006S015	0.00	0.00	0.00
1W	1720614	25400	0483807	650102000 AGRSURA-2004S002	0.00	0.00	136,725.00
1W	1720614	25400	507537	650102000 JSA2014S008	0.00	0.00	147,500.00
1W	1720614	25400	0495243	650102000 JSA2009S005	0.00	0.00	29,874.00
1W	1720614	25400	0495869	650102000 JSA2010-S001	0.00	0.00	119,789.00
1W	1720616	25400	0496166	650201010 AGRJSA2006S008	0.00	0.00	36,482.00
1W	1720616	25400	0493924	650201010 JSA-2008S010	0.00	0.00	29,388.00
1W	1720616	25400	0493925	650201010 JSA-2008S012	0.00	0.00	29,453.00
1W	1720616	25400	0494086	650201010 JSA2008S014	0.00	0.00	15,360.00
1W	1720616	25400	0494314	650201010 JSA2008S017	0.00	0.00	608,630.22
1W	1720616	25400	0496006	650201010 JSA2009S013	0.00	0.00	26,783.00
1W	1720616	25400	0496007	650201010 JSA2009S014	0.00	0.00	27,658.00
1W	1720616	25400	0496046	650201010 JSA2009S017	0.00	0.00	3,915.00
1W	1720616	25400	0503229	650201010 JSA2009S007	0.00	0.00	24,842.00
1W	1720616	25400	0497873	650201010 JSA-2010S002	0.00	0.00	188,624.00
1W	1720616	25400	0498970	650201010 JSA2010S015	0.00	0.00	29,615.00
1W	1720616	25400	0498969	650201010 JSA2010S016	0.00	0.00	27,000.00
1W	1720616	25400	0499791	650201010 JSA2010S017	0.00	0.00	500,000.00
1W	1720616	25400	0498967	650201010 JSA2010S019	0.00	0.00	177,734.95
1W	1720616	25400	0499663	650201010 JSA2011S001-001	0.00	0.00	1,888,333.00
1W	1720616	25400	0499803	650201010 JSA2011S002	0.00	0.00	19,350.00
1W	1720616	25400	0499235	650201010 JSA2011S003	0.00	0.00	18,195.00
1W	1720616	25400	0499389	650201010 JSA2011S008	0.00	0.00	47,648.00
1W	1720616	25400	0499388	650201010 JSA-2011S009	0.00	0.00	196,000.00
1W	1720616	25400	0499802	650201010 JSA2011S015	0.00	0.00	124,215.00
1W	1720616	25400	0500230	650201010 JSA2011S018	0.00	0.00	17,903.00
1W	1720616	25400	0500868	650201010 JSA2011S020	0.00	0.00	30,000.00
1W	1720616	25400	0500866	650201010 JSA2011S021	0.00	0.00	30,000.00
1W	1720616	25400	0500867	650201010 JSA2011S025	0.00	0.00	225,000.00
1W	1720616	25400	0501458	650201010 JSA2012S001	0.00	0.00	48,838.83
1W	1720616	25400	0501681	650201010 JSA2012S004	0.00	0.00	60,932.04
1W	1720616	25400	0502303	650201010 JSA2012S005	0.00	0.00	29,819.00
1W	1720616	25400	0502915	650201010 JSA2012S007	0.00	0.00	196,834.68
1W	1720616	25400	0503044	650201010 JSA2012S015	0.00	0.00	977,334.95
1W	1720616	25400	0504212	650201010 JSA2013S009	0.00	0.00	9,168.00
1W	1720616	25400	0506027	650201010 JSA2013S011	0.00	0.00	48,995.15
1W	1720616	25400	0503896	650201010 JSA2013S012	0.00	0.00	50,000.00
1W	1720616	25400	0504060	650201010 JSA2013S013	0.00	0.00	51,605.00
1W	1720616	25400	0505862	650201010 JSA2013S014	0.00	0.00	200,000.00
1W	1720616	25400	0504329	650201010 JSA2013S015	0.00	0.00	295,500.00
1W	1720616	25400	0505997	650201010 JSA2014S002	0.00	125,000.00	944,000.00
1W	1720616	25400	0505654	650201010 JSA2013W019	0.00	0.00	0.00
1Y	1720614	25400	0496240	650102000 AGRJSA-2006S015	0.00	0.00	221,958.00
1Y	1720614	25400		650102000 AGRSURA2002S003	0.00	0.00	0.00
1Y	1720614	25400	0483807	650102000 AGRSURA-2004S002	0.00	0.00	83,671.00
1Y	1720614	25400		650102000 AGRSURA-2005S001	0.00	0.00	4,506.00
1Y	1720614	25400		650102000 AGRSURA-2005S004	0.00	0.00	15,637.00
1Y	1720614	25400		650102000 AGRSURA-2005S005	0.00	0.00	42,159.00
1Y	1720616	25400	0496166	650201010 AGRJSA2006S008	0.00	0.00	4,891.00
2W	1720572	25400	0492981	600301010 AGRJSA2006W012	0.00	0.00	0.00

FT	Program	Obj Cl	Local Use or WFO	B&R Code	Change	FY 2015 Amount	Cumulative Contract Amount
2W	1720572	25400	0496459	600301010 AGRJSA-2006W012	0.00	0.00	0.00
2W	1720572	25400	0490137	600301010 AGRSURA2005W008	0.00	0.00	0.00
2W	1720572	25400	0494417	600301010 JSA2008W0006	0.00	0.00	28,383.00
2W	1720572	25400	0493299	600301010 JSA-2008W0006	0.00	0.00	0.00
2W	1720572	25400	0494917	600301010 JSA2009W002	0.00	0.00	290,594.00
2W	1720572	25400	0495208	600301010 JSA-2009-W003	0.00	0.00	47,992.00
2W	1720572	25400	0494916	600301010 JSA2009W004	0.00	0.00	1,809,844.00
2W	1720572	25400	0499390	600301010 JSA-2010W014	0.00	0.00	39,675.00
2W	1720572	25400	0499357	600301010JSA2011W010	0.00	0.00	24,333.00
2W	1720572	25400	0500925	600301010JSA2011W026	0.00	0.00	48,989.00
2W	1720572	25400	0502795	600301010JSA2012W016	0.00	0.00	24,253.00
2W	1720572	25400	0507067	600301010JSA2014W007	0.00	0.00	60,000.00
2W	1720573	25400	0500643	600301020JSA2011W023	0.00	0.00	13,279.00
2W	1720573	25400	0483809	600301020 AGRSURA2003W003	0.00	0.00	0.00
2W	1720575	25400	0494478	600303000 JSA-2011W014	0.00	0.00	9,000,000.00
2W	1720575	25400	0502366	600303000 JSA-2011W014A	0.00	0.00	1,560,000.00
2W	1720575	25400	0503643	600303000 JSA2013W010	0.00	0.00	3,000,000.00
2W	1720575	25400	0505654	600303000 JSA2013W019	0.00	0.00	91,360.00
2W	1720577	25400	0490395	600305000 AGRSURA2005W005	0.00	0.00	6,590.00
2W	1720577	25400	0494290	600305000 JSA2008-W016	0.00	0.00	5,057.00
2W	1720577	25400	0498316	600305000 JSA2010-W013	0.00	0.00	455,000.00
2W	1720577	25400	0499234	600305000 JSA2010W020	0.00	0.00	311,124.72
2W	1720577	25400	0500048	600305000 JSA2011W019	0.00	0.00	10,558.00
2W	1720577	25400	0501712	600305000 JSA2012W002	0.00	0.00	200,000.00
2W	1720577	25400	0501540	600305000 JSA2012W003	0.00	356,393.25	2,320,639.39
2W	1720577	25400	0502326	600305000 JSA2012W011	0.00	0.00	16,516.00
2W	1720577	25400	0504048	600305000 JSA2013W016	0.00	0.00	19,858.00
2W	1720577	25400	0507633	600305000 JSA2014W011	0.00	0.00	100,000.00
2W	1720577	25400	0494980	600305000 SURA2005W005	0.00	0.00	24,695.00
2W	1720578	25400	0492957	600306000 AGRSURA2006W009	0.00	0.00	0.00
2Y	1720572	25400	0496459	600301010 AGRJSA-2006W012	0.00	0.00	275,819.00
2Y	1720572	25400		600301010 AGR2006W004SAIC001	0.00	0.00	62,193.00
2Y	1720572	25400	0490137	600301010 AGRSURA2005W008	0.00	0.00	0.00
2Y	1720573	25400	0483809	600301020 AGRSURA2003W003	0.00	0.00	2,013.00
2Y	1720573	25400		600301020 AGRSURA2004W004	0.00	0.00	0.00
2Y	1720577	25400		600305000 AGR2004W002W	0.00	0.00	42,754.00
2Y	1720577	25400		600305000 AGRSURA2005W001	0.00	0.00	160,168.00
2Y	1720577	25400	0490395	600305000 AGRSURA2005W005	0.00	0.00	171,024.00
2Y	1720577	25400		600305000 AGRSURA-2006W005	0.00	0.00	360,602.00
2Y	1720577	25400		600305000 AGRSURA-2006W007	0.00	0.00	21,077.00
2Y	1720578	25400		600306000 AGRSURA-2004W001	0.00	0.00	0.00
2Y	1720578	25400		600306000 AGRSURA-2006W009	0.00	0.00	42,156.00
2Z	1720572	25400	0492981	600301010 AGRJSA2006W012	0.00	0.00	148,062.00
2Z	1720572	25400	0493299	600301010 JSA-2008W0006	0.00	0.00	71,164.00
2Z	1720572	25400		600301010 JSA2008W007	0.00	0.00	56,190.00
2Z	1720572	25400	0493707	600301010 JSA2008W009	0.00	0.00	46,701.00
2Z	1720572	25400		600301010 JSA2008W010	0.00	0.00	2,545.00
2Z	1720572	25400	0493544	600301010 JSA2008W011	0.00	0.00	9,357.00
2Z	1720578	25400	0492957	600306000 AGRSURA2006W009	0.00	0.00	5,952.00
3T	1720292	25400	0499145	400403109 AGRJSA2010W018	0.00	0.00	719,600.00
3T	1720292	25400	0493300	400403109 JSA2008W005	0.00	0.00	1,449,971.00
3T	1720292	25400	0494992	400403109 JSA2009W008	0.00	0.00	1,027,138.00
3T	1720297	25400	0485465	400403209 AGRSURA05W004	0.00	0.00	443,526.00
3T	1720297	25400		400403209 AGRSURA2005W007	0.00	0.00	100,309.00
3T	1720303	25400	0503028	400403309 AGRJSA12IA012	0.00	0.00	1,700,000.00
3T	1720303	25400	0503181	400403309 AGRJSA12IA012A	0.00	0.00	525,000.00

FT	Program	Obj Cl	Local Use or WFO	B&R Code	Change	FY 2015 Amount	Cumulative Contract Amount
3T	1720303	25400	0499086	400403309 AGRJSA2011W005	0.00	0.00	2,988,283.00
3T	1720303	25400	0499323	400403309 AGRJSA2011W005A	0.00	0.00	21,540.00
3T	1720303	25400	0500102	400403309 AGRJSA2011W005B	0.00	0.00	70,115.00
3T	1720303	25400	0501141	400403309 AGRJSA2011W005C	0.00	0.00	6,232,052.12
3T	1720303	25400	0502692	400403309 AGRJSA2011W005D	0.00	0.00	58,873.00
3T	1720303	25400	0499088	400403309 AGRJSA2011W006	0.00	0.00	190,864.00
3T	1720303	25400	0501347	400403309 AGRJSA2011W006A	0.00	0.00	154,357.00
3T	1720303	25400	0499144	400403309 AGRJSA2011W007	0.00	0.00	299,833.00
3T	1720303	25400	0499324	400403309 AGRJSA2011W011	0.00	0.00	37,180.00
3T	1720303	25400	0503559	400403309 AGRJSA2012IA012B	0.00	0.00	60,000.00
3T	1720303	25400	0504980	400403309 AGRJSA2012IA012C	0.00	0.00	22,000.00
3T	1720303	25400	0505870	400403309 AGRJSA2012IA012D	0.00	0.00	150,000.00
3T	1720303	25400	0506248	400403309 AGRJSA2012IA012E	0.00	0.00	45,000.00
3T	1720303	25400	0506387	400403309 AGRJSA2012IA012F	0.00	0.00	75,000.00
3T	1720303	25400	0508105	400403309 AGRJSA2012IA012G	0.00	150,000.00	150,000.00
3T	1720303	25400	0472518	400403309 AGRN00014-01-F-0171G	0.00	0.00	564.00
3T	1720303	25400	0484186	400403309 AGRN00014-04-F-0171N	0.00	0.00	(542.00)
3T	1720303	25400	0484187	400403309 AGRN00014-04-F-0171P	0.00	0.00	0.00
3T	1720303	25400	0490864	400403309 AGRN00014-04-F0171AA	0.00	0.00	255,939.00
3T	1720303	25400	0491455	400403309 AGRN00014-04-F0171AB	0.00	0.00	3,033,662.00
3T	1720303	25400	0491618	400403309 AGRN00014-04-F0171AC	0.00	0.00	124,113.00
3T	1720303	25400	0491619	400403309 AGRN00014-04-F0171AD	0.00	0.00	1,390,511.00
3T	1720303	25400	0491704	400403309 AGRN00014-04-F0171AE	0.00	0.00	147,851.00
3T	1720303	25400	0491705	400403309 AGRN00014-04-F0171AF	0.00	0.00	77,061.00
3T	1720303	25400	0496189	400403309 AGRN00014-04-F0171AG	0.00	0.00	2,908,725.00
3T	1720303	25400	0496602	400403309 AGRN00014-04-F0171AH	0.00	0.00	3,397,389.00
3T	1720303	25400	0496783	400403309 AGRN00014-04-F0171AI	0.00	0.00	847,445.00
3T	1720303	25400	0496995	400403309 AGRN00014-04-F0171AJ	0.00	0.00	159,411.00
3T	1720303	25400	0496996	400403309 AGRN00014-04-F0171AK	0.00	0.00	156,952.00
3T	1720303	25400	0484337	400403309 AGRN00014-04-F-0171Q	0.00	0.00	(1,355.00)
3T	1720303	25400	0485294	400403309 AGRN00014-04-F-0171U	0.00	0.00	2,845.00
3T	1720303	25400	0485295	400403309 AGRN00014-04-F-0171V	0.00	0.00	34,258.00
3T	1720303	25400	0485815	400403309 AGRN00014-04-F-0171W	0.00	0.00	1,473.00
3T	1720303	25400	0490728	400403309 AGRN00014-04-F-0171X	0.00	0.00	7,071.00
3T	1720303	25400	0490818	400403309 AGRN00014-04-F-0171Y	0.00	0.00	4,590.00
3T	1720303	25400	0490878	400403309 AGRN00014-04-F-0171Z	0.00	0.00	99,307.00
3T	1720303	25400	0493120	400403309 AGRNONRMOA-2008C	0.00	0.00	67,887.00
3T	1720303	25400	0493174	400403309 AGRNONRMOA-2008D	0.00	0.00	139,380.00
3T	1720303	25400	0493193	400403309 AGRNONRMOA-2008E	0.00	0.00	1,870,735.00
3T	1720303	25400	0493366	400403309 AGRNONRMOA-2008F	0.00	0.00	244,330.00
3T	1720303	25400	0493858	400403309 AGRNONRMOA-2008G	0.00	0.00	69,065.00
3T	1720303	25400	0493883	400403309 AGRNONRMOA2008H	0.00	0.00	910,731.00
3T	1720303	25400	0493927	400403309 AGRNONRMOA2008I	0.00	0.00	1,354,241.00
3T	1720303	25400	0493970	400403309 AGRNONRMOA2008J	0.00	0.00	47,275.00
3T	1720303	25400	0494355	400403309 AGRNONRMOA2008L	0.00	0.00	347,365.00
3T	1720303	25400	0494356	400403309 AGRNONRMOA2008M	0.00	0.00	194,053.00
3T	1720303	25400	0498457	400403309 AGRNONRMOA2008U	0.00	0.00	45,429.00
3T	1720303	25400	0494418	400403309 AGRNONRMOA2008N	0.00	0.00	2,248,581.00
3T	1720303	25400	0495047	400403309 AGRNONRMOA2008O	0.00	0.00	423,454.00
3T	1720303	25400	0495607	400403309 AGRNONRMOA2008P	0.00	0.00	266,982.00
3T	1720303	25400	0495608	400403309 AGRNONRMOA2008Q	0.00	0.00	1,940,643.00
3T	1720303	25400	0498046	400403309 AGRNONRMOA2008R	0.00	0.00	277,899.00
3T	1720303	25400	0498054	400403309 AGRNONRMOA2008S	0.00	0.00	107,766.00
3T	1720303	25400	0498388	400403309 AGRNONRMOA2008T	0.00	0.00	136,298.00
3T	1720303	25400	0492199	400403309 AGRNONRMOA2008	0.00	0.00	1,941,510.00

FT	Program	Obj Cl	Local Use or WFO	B&R Code	Change	FY 2015 Amount	Cumulative Contract Amount
3T	1720303	25400	0492286	400403309 AGRONRMOA-2008A	0.00	0.00	1,941,071.00
3T	1720303	25400	0492379	400403309 AGRONRMOA-2008B	0.00	0.00	22,609.00
3T	1720303	25400		400403309 AGRSURA03W002	0.00	0.00	(17,082.30)
3T	1720303	25400	0482421	400403309 AGRSURA2004W003	0.00	0.00	2,621.00
3T	1720303	25400		400403309 AGRSURA2006W011	0.00	0.00	94,443.00
3W	1720338	25400	0496864	400409900 AGRJSA2007W002	0.00	0.00	23.00
3W	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	384,124.00
3W	1720338	25400	0492518	400409900 AGRJSA2008W002	0.00	0.00	0.00
3W	1720338	25400		400409900 94158	0.00	0.00	870,254.37
3W	1720338	25400	0502117	400409900 2012IA010	0.00	0.00	252,025.05
3W	1720338	25400	0494158	400409900 AGRJSA2007W005	0.00	0.00	(0.37)
3W	1720338	25400	0495345	400409900 JSA2009W009	0.00	0.00	144,949.00
3W	1720338	25400	0499703	400409900 JSA2011W013	0.00	0.00	26,902.00
3Y	1720330	25400		400407000 AGRSURA2004W007	0.00	0.00	4,068.00
3Y	1720338	25400	0496864	400409900 AGRJSA2007W002	0.00	0.00	96,675.00
3Y	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	545,208.00
3Y	1720338	25400	0492518	400409900 AGRJSA2008W002	0.00	0.00	188,782.00
3Y	1720338	25400		400409900 AGRSURA2005W003	0.00	0.00	0.00
3Z	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	114,177.00
SA	1721221	25400	0494689	WN0219050 JSAKEK	0.00	0.00	100,000.00
TF	1001221	25400		GD2540600	0.00	0.00	64,793.00
WA	2924033	25400		39KB00000P	0.00	1,772,913.00	1,772,913.00
WA	2924033	32001	0472770	39KB00000P	0.00	3,255,450.00	224,755,600.00
WA	2923489	32001		39KB01000P	0.00	0.00	0.00
WA	2923567	32001	0472469	39KG01000P	0.00	0.00	96,799.00
WA	2924171	32001	0473071	39KG01000P	0.00	0.00	72,143,048.00
WA	2924279	32001		39KG02000P	0.00	0.00	29,200,000.00
WA	2923652	25400		FS1001000	0.00	234,000.00	6,314,544.00
WA	2923653	25400		FS1002000	0.00	0.00	1,220,888.00
WA	2923653	32002		FS1002000	0.00	0.00	328,913.00
WA	2923653	32002		FS1002000 (0472376)	0.00	0.00	19,475.00
WA	2923655	25400		FS1005000	0.00	108,000.00	4,387,754.00
WA	2923656	25400		FS1006000	0.00	0.00	84,000.00
WA	2923657	25400		FS1007000	0.00	0.00	29,000.00
WA	2923658	25400		FS1009000	0.00	0.00	754,788.00
WA	2923659	25400		KA1101010	0.00	0.00	0.00
WA	2923685	25400		KA1201020	0.00	0.00	338,168.00
WA	2923706	25400		KA1401030	0.00	0.00	781,255.00
WA	2923707	25400		KA1401040	0.00	0.00	205,868.00
WA	2923707	31003		KA1401040	0.00	0.00	1,247,855.00
WA	2924152	25400		KA1401050	0.00	0.00	0.00
WA	2924152	31003		KA1401050	0.00	0.00	1,650,000.00
WA	2923709	25400		KA1501020	0.00	0.00	76,725.00
WA	2923712	25400		KA1502020	0.00	0.00	435,462.00
WA	2924034	25400		KA1502021	0.00	0.00	8,257,000.00
WA	2923713	25400		KA1502030	0.00	0.00	20,000.00
WA	2924325	25400		KA2201020	0.00	0.00	0.00
WA	2924325	31003		KA2201020	0.00	0.00	665,000.00
WA	2924363	25400		KA2403013	0.00	0.00	948,000.00
WA	2924369	25400		KA2501022	0.00	10,000.00	210,000.00
WA	2923718	25400		KB0101011	0.00	0.00	0.00
WA	2923720	25400		KB0101021 Research	0.00	1,000,000.00	57,868,446.00
WA	2924154	25400		KB0101052	0.00	0.00	2,729,500.00
WA	2923723	25400		KB0102011 Accelerator Ops	0.00	12,627,698.00	403,987,173.62
WA	2923723	25400	473340	KB0102011	0.00	0.00	16,000.00
WA	2923723	31003		KB0102011 (EQU)	0.00	0.00	2,695,000.00

FT	Program	Obj Cl	Local Use or WFO	B&R Code	Change	FY 2015 Amount	Cumulative Contract Amount
WA	2923723	32002	0472376	KB0102011 GPP	0.00	0.00	17,128,717.00
WA	2923723	32003	0472476	KB0102011 AIP	0.00	232,617.00	7,072,860.00
WA	2923724	25400		KB0102012 Exp Fac Ops	0.00	5,801,212.00	215,615,372.00
WA	2923724	31003		KB0102012 Capital (EQU)	0.00	0.00	38,538,381.00
WA	2923725	25400		KB0102013	0.00	887,850.00	14,134,819.00
WA	2923725	31003		KB0102013 (EQU)	0.00	0.00	0.00
WA	2923727	25400		KB0102030	0.00	0.00	303,187.00
WA	2923730	25400		KB0181015	0.00	0.00	5,771,814.00
WA	2923731	25400		KB0181020	0.00	0.00	933,000.00
WA	2923746	25400		KB0301020 Theory	0.00	600,000.00	35,231,560.00
WA	2923746	31003		KB0301020 (EQU)	0.00	0.00	228,386.00
WA	2923752	25400		KB0301052	0.00	0.00	3,215,810.00
WA	2923752	31003		KB0301052 (EQU)	0.00	0.00	18,346.00
WA	2923755	25400		KB0401022	0.00	0.00	199,000.00
WA	2923761	25400		KB0401052	0.00	0.00	58,325.00
WA	2923769	25400		KC0201010	0.00	0.00	0.00
WA	2924039	25400		KC0211010	0.00	0.00	899,342.00
WA	2924305	25400		KC0406020	0.00	100,000.00	1,100,000.00
WA	2924251	25400		KC0407000	0.00	0.00	5,950,000.00
WA	2923828	25400		KG0801000	0.00	0.00	9,612.00
WA	2924024	32002	0472376	KG0900000	0.00	0.00	146,191.00
WA	2923832	25400		KJ0102000	0.00	0.00	314,692.00
WA	2923833	25400		KJ0200000	0.00	0.00	2,172.00
WA	2924136	25400		KJ0403000	0.00	0.00	318,000.00
WA	2924141	25400		KJ0504000	0.00	0.00	200,000.00
WA	2923835	25400		KL0101000	0.00	0.00	712,952.00
WA	2923837	25400		KL0103000	0.00	0.00	0.00
WA	2924169	25400		KL0104000	0.00	0.00	450,815.00
WA	2923838	25400		KL0201000	0.00	0.00	1,304,456.00
WA	2923839	25400		KL0202000	0.00	0.00	26,901.00
WA	2924406	25400		KL1001000	0.00	0.00	301,865.00
WA	2924409	25400		KL1101000	0.00	0.00	0.00
WA	2924411	25400		KL1200000	0.00	0.00	310,000.00
WA	2923853	25400		KP1104020	0.00	0.00	0.00
WA	2923873	25400		KP1401030	0.00	0.00	884,256.00
WA	2923873	31003		KP1401030 (EQU)	0.00	0.00	4,588.00
WA	2923878	25400		KP1402010	0.00	0.00	0.00
WA	2923878	31003		KP1402010 (EQU)	0.00	0.00	1.00
WA	2924107	25400		KP1503020	0.00	0.00	1,200,000.00
WA	2924205	25400		KP1602010	0.00	0.00	2,783,200.00
WV	2923653	25400		FS1002000	0.00	0.00	4,470.00
YY	1721310	25102	0504378	YN1901000 SNS 468	0.00	0.00	50,000.00
YY	1721310	25400	0506349	YN1901000 ARGONNE 4T-30341 3GHZ SINGL	0.00	0.00	22,375.00
YY	1721310	25400	0508062	YN1901000 ARGONNE 4T-31301 ALCC HIGH	0.00	46,500.00	46,500.00
YY	1721310	25400	0505429	YN1901000 REVIEW OF SNS PPS	0.00	0.00	60,000.00
YY	1721310	25400	0506381	YN1901000 ORNL INCITE PROGRAM	0.00	0.00	27,000.00
YY	1721310	25400	0502815	YN1901000 PNNL AUTH FOR JSA LOGUE	0.00	0.00	0.00
YY	1721310	25400	0503767	YN1901000 ANL 30505	0.00	0.00	172,751.00
YY	1721310	25400	0503768	YN1901000 ANL 30506	0.00	0.00	493,363.00
YY	1721310	25400	0501780	YN1901000 ARGONNE 2T-30522 TJLAB	0.00	0.00	14,875.00
YY	1721310	25400	0503358	YN1901000 ARGONNE AUTH SHORT PULSE	0.00	0.00	179,422.00
YY	1721310	25400	0501346	YN1901000 NAF-ARGONNE 2T-30262	0.00	0.00	1,853,287.00
YY	1721310	25400	0502425	YN1901000 SLAC AUTH FOR JSA	0.00	0.00	16,000.00
YY	1721310	25400	0502343	YN1901000 TJ-BERKLEY.35893	0.00	0.00	16,000.00
YY	1721310	25400	0501665	YN1901000 UTB-VIPERS 34904	0.00	0.00	16,000.00
YY	1721310	25400	0502466	YN1901000 AMES AUTH FOR JSA OIC	0.00	0.00	6,000.00

FT	Program	Obj Cl	Local Use or WFO	B&R Code	Change	FY 2015 Amount	Cumulative Contract Amount
YY	1721310	25400	0502345	YN1901000 TJ-FERMI 607737	0.00	0.00	16,000.00
YY	1721310	25400	0502364	YN1901000 ARGONNE AUTH FOR JSA	0.00	0.00	16,000.00
YY	1721310	25400	0502495	YN1901000 BNL AUTH FOR JSA OIC	0.00	0.00	16,000.00
YY	1721310	25400	0503569	YN1901000 ORNL AUTH FOR OIC	0.00	0.00	0.00
YY	1721310	25400	0502028	YN1901000 PNNL AUTH FOR JSA	0.00	0.00	16,000.00
YY	1721310	25400	0502624	YN1901000 PPPL AUTH FOR JSA	0.00	0.00	16,000.00
YY	1721310	25400	0502424	YN1901000 ORLANL WNDW2	0.00	0.00	11,511.00
YY	1721310	25400	0503054	YN1901000 BNL AUTH FOR RICH DETECTOR	0.00	0.00	25,000.00
YY	1721310	25400	0502771	YN1901000 BROOKHAVEN AUTH FOR BEAM	0.00	0.00	29,600.00
YY	1721310	25400	0504211	YN1901000 BRKHVN AUTH FOR HOM PR	0.00	216,504.00	374,814.00
YY	1721310	25400	0505657	YN1901000 SLAC 122022 CRYOPLANT	0.00	0.00	149,893.00
YY	1721310	25400	0505656	YN1901000 SLAC 122023 SUPERCONDUCTIN	0.00	0.00	299,784.00
YY	1721310	25400	0505704	YN1901000 SLAC 122440 LCLSII ESH CDC/D	0.00	0.00	59,811.00
YY	1721310	25400	0505846	YN1901000 SLAC 122868 LCLSII ACCELERAT	0.00	0.00	143,536.00
YY	1721310	25400	0505995	YN1901000 SLAC 123753 LCLS II HIGH Q0 R8	0.00	0.00	446,532.00
YY	1721310	25400	0506147	YN1901000 SLAC 123822 LCLS II END CAN EI	0.00	0.00	227,586.00
YY	1721310	25400	0506145	YN1901000 SLAC 123823 LCLS II BRIDGING E	0.00	0.00	266,599.00
YY	1721310	25400	0506426	YN1901000 SLAC 125201 LCLS II CRYOMODL	0.00	0.00	12,507,579.00
YY	1721310	25400	0506348	YN1901000 SNS CAVITY PROCESSING 4400C	0.00	0.00	40,000.00
YZ	1721310	25400	0494036	YN1901000 LANL for Muon Scan	0.00	0.00	384,851.00
YZ	1721310	25400	0494624	YN1901000 LANL support	0.00	0.00	26,596.00
YZ	1721310	25400	0496550	YN1901000 90.OR23177.OR40.4400	0.00	0.00	78,699.00
YZ	1721310	25400	0495791	YN1901000 AB 23177/ORNL 44-354	0.00	0.00	23,840.00
YZ	1721310	25400	0500468	YN1901000 NAF-BROOKHAVEN PO 200930	0.00	0.00	56,800.00
YZ	1721310	25400	0500469	YN1901000 NAF-BROOKHAVEN PO 201878	0.00	0.00	160,858.00
YZ	1721310	25400	0500688	YN1901000 NAF-BROOKHAVEN PO 203685	0.00	0.00	70,000.00
YZ	1721310	25400	0484380	YN1901000 TSKOLDIPAC	0.00	0.00	(4,320.00)
YZ	1721310	25400		YN1901000 TSK4400000101	0.00	0.00	0.00
YZ	1721310	25400	0485478	YN1901000 TSK4400000239	0.00	0.00	5,247.00
YZ	1721310	25400	0490967	YN1901000 TSK4400000263	0.00	0.00	395,063.00
YZ	1721310	25400	0473312	YN1901000 TSKER40150L111J	0.00	0.00	0.00
YZ	1721310	25400	0473313	YN1901000 TSKER40150JLAAA	0.00	0.00	0.00
YZ	1721310	25400	0473314	YN1901000 TSKER40150TJAAA	0.00	0.00	0.00
YZ	1721310	25400	0498940	YN1901000 S-TJNAF CYROGENICS SYS	0.00	0.00	44,796.00
YZ	1721310	25400	0499711	YN1901000 NAF- ARGONNE-1T-30461	0.00	0.00	940,191.00
YZ	1721310	25400	0501346	YN1901000 NAF- ARGONNE-2T-30262	0.00	0.00	0.00
YZ	1721310	25400	0499474	YN1901000 LANL WINDOWS	0.00	0.00	87,004.00
YZ	1721310	25400	0500839	YN1901000 FNAL PO 596124	0.00	0.00	98,200.00
ZA	1005103	25400		EB4215000	0.00	0.00	113,996.00
SUBTOTAL					0.00	27,524,137.25	1,274,395,464.42

AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF FY 2009

WO	2923489	32001	0472770	39KB01000P (WA KB/OR39/9/ARRA-1)	0.00	0.00	64,999,702.00
WO	2924093	25400		KA1502012 (WA KA/OR39/9/ARRA-1)	0.00	0.00	1,948,000.00
WO	2924093	25400	0473341	KA1502012 (WA KA/OR39/9/ARRA-1)	0.00	0.00	0.00
WO	2923723	32002	0473098	KB0102011 (WA KB/OR39/9/ARRA-2)	0.00	0.00	9,997,519.00
WO	2923723	32003	0473101	KB0102011 (WA KB/OR39/9/ARRA-4)	(15,223.00)	(15,223.00)	2,744,777.00
WO	2923746	25400		KB0301020 (WA KB/OR39/9/ARRA-3)	(974.00)	(974.00)	1,234,219.00
WO	2923746	31003		KB0301020 (WA KB/OR39/9/ARRA-3)	(4,364.00)	(4,364.00)	3,475,636.00
WO	2923746	32002		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	250,000.00
WO	2923755	25400		KB0401022 (WA KB/OR39/9/ARRA-5)	(8,629.00)	(8,629.00)	1,825,371.00
SUBTOTAL ARRA FUNDING					(29,190.00)	(29,190.00)	86,475,224.00

<u>FT</u>	<u>Program</u>	<u>Obj Cl</u>	<u>Local Use or WFO</u>	<u>B&R Code</u>	<u>Change</u>	<u>FY 2015 Amount</u>	<u>Cumulative Contract Amount</u>
				TOTAL CONTRACT FUNDING	<u>(29,190.00)</u>	<u>27,494,947.25</u>	<u>1,360,870,688.42</u>

Continuation of WAS - Lattice Quantum ChromoDynamics (2005260)

15. Reporting Requirements (Status reports, scientific and technical information or similar):

The recipient of funding in this Work Authorization is responsible for meeting all reporting requirements established by the Department of Energy for activities funded by the American Recovery and Reinvestment Act of 2009.

16. Work Authorization Program Official.

Name (typed): Timothy J. Hallman

Signature: *Timothy J. Hallman*

Date: 11/21/2013

17. DOE Field Organization Official.

Name (typed): Joseph Arango

Signature: *Joseph Arango*

Date: 11/25/13

18. Contractor's Authorized Representative.

Name (typed): JOSEPH SCARCELLO

Signature: *Joseph Scarcello*

Date: 11/25/13

19. DOE Contracting Officer (or delegated representative).

Name (typed): James W Skinner

Signature: *James W Skinner*

Date: 12/9/13

* The statement of work deficit in WAS KB/OR3919/AREA-3 Part 08 is in accordance with the size of work deficit under contract DE-AC05-06OR23177.

ATTACHMENT A – CONTRACTOR RECOVERY ACT PERFORMANCE REQUIREMENTS
Lattice Quantum ChromoDynamics (2005260)

Work Authorization #KB/OR39/9/ARRA-3, Revision 06

Section A: <u>Contractor Recovery Act Schedule or Milestone Requirements</u>	
4Q FY09:	Issue RFP for disk and compute clusters Place order for disk cluster and first compute cluster
1Q FY10:	Place order for second compute cluster
2Q FY10:	Begin production operation of first phase clusters Place order for Phase 2a Infiniband cluster
3Q FY10:	Place order for Phase 2b next generation GPU cluster
4Q FY10:	Begin production operation of full machine
1Q FY13:	Complete operations using Recovery Act funds; and complete final equipment purchase
Section B: <u>Contractor Recovery Act Performance Outcomes and Measures</u>	
▪ Procure, deploy and operate, at a minimum, 45 Teraflop sustained cluster computing equipment for studies of LQCD	
Section C: <u>Contractor Recovery Act Deliverables</u>	
▪ A minimum 45 Teraflop sustained cluster computing equipment and operation of equipment through FY 2012	

**U.S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009: 89-09/10-0227
REVISED**

1a. Project Title: Nuclear Physics – Enhanced AIP funding at NP user facilities (2005220)		1b. Work Proposal Number (if applicable): Various	
2. Headquarters Program Point of Contact. Name: Timothy J. Hallman Organization Code: SC-26 Telephone No.: (301) 903-3613			
3. Headquarters Budget Point of Contact. Name: Andrea Conrad Organization Code: SC-41 Telephone No.: (301) 903-3310			
4. Responsible Program: Nuclear Physics		5. Responsible Secretarial Officer: Director, Office of Science	
6. Responsible Field Organization: Oak Ridge Office			
7a. Site and Facility Management Contractor: Jefferson Science Associates, LLC – Thomas Jefferson National Acceleratory Facility		7b. Contractor Point of Contact. Name: Evelyn Akers Telephone No.: 757-846-4807	
8. Work Authorization Number: KB/OR39/9/ARRA-4		9. Revision Number: 03	
10. Funds Authorized (\$ in thousands). B&R Code: KB Previous: \$2,760 Change: \$-15 Current: \$2,745*			
11. Performance Period Covered by Funds. From: 2/17/09 To: 09/30/10		12. Work Start Date: 05/2009	13. Expected Completion Date: 09/2014
14. Statement of Work (See attached) <p>This Work Authorization is issued for the sole purpose of authorizing work in support of the American Recovery and Reinvestment Act of 2009, (Pub. L. 111-5) (Recovery Act). All contract terms and conditions apply to the work identified within, in particular contract provision H.999 applies. The work described in this work authorization shall be performed using funds obligated under the contract, appropriated under the Recovery Act, and as such is subject to special statutory conditions.</p> <p>The Office of Science (SC) is committed to conducting all work authorized herein, in a manner that ensures protection of the workers, the public, and the environment. Protecting the workers, the public, and the environment is a direct and individual responsibility of all SC managers and SC-supported contractors. Funds provided by NP will be applied as necessary to ensure that all NP activities are conducted safely and in an environmentally conscientious manner. Only work conducted in this way will be supported.</p> <p><u>Specific Recovery Act Statement of Work:</u></p> <p>\$15,223 in remaining uncosted funding under KB-01-02-01-1 is withdrawn to close out the accounting records to reflect completion of this ARRA project.</p> <p>Attachment A, Contractor Recovery Act Performance Requirements, identifies the Contractor Recovery Act Schedule Milestones, Performance Measures, and Outcomes and Deliverables for this Work Authorization. The contractor's performance against the identified requirements in Attachment A will be evaluated under the Office of Science laboratory appraisal process.</p>			

* Includes AIP funding \$2,744,777.

Continuation of WAS - Enhanced AIP funding at NP user facilities (2005220)

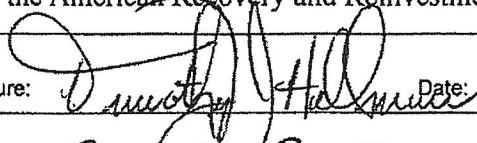
15. Reporting Requirements (Status reports, scientific and technical information or similar):

The recipient of funding in this Work Authorization is responsible for meeting all reporting requirements established by the Department of Energy for activities funded by the American Recovery and Reinvestment Act of 2009.

16. Work Authorization Program Official.

Name (typed): Timothy J. Hallman

Signature:



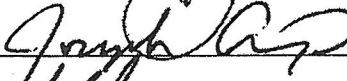
Date:

10/23/14

17. DOE Field Organization Official.

Name (typed): Joseph Arango

Signature:



Date:

10/27/14

18. Contractor's Authorized Representative.

Name (typed): JOSEPH L. SCARCELLA

Signature:



Date:

10/29/14

19. DOE Contracting Officer (or delegated representative).

Name (typed): James W. Skinner

Signature:



Date:

11/3/14

**ATTACHMENT A – CONTRACTOR RECOVERY ACT PERFORMANCE REQUIREMENTS
Enhanced AIP funding at NP user facilities (2005220)**

Section A: Contractor Recovery Act Schedule or Milestone Requirements

- 1Q FY10: Complete Requirements Document
- 3Q FY10: Complete Conceptual Design for both options
- 4Q FY11: Complete Prototypes
- 2Q FY12: Down-select to single option
- 4Q FY13: Complete procurement and manufacturing of components
- 3Q FY14: Complete installation and commissioning of 11 GeV Separator system
- 4Q FY14: Complete RF Controls and prototype cavity

Section B: Contractor Recovery Act Performance Outcomes and Measures

Complete 11 GeV Separator system within 10% of planned cost and schedule.

Section C: Contractor Recovery Act Deliverables

- An 11 GeV RF separator system capable of delivering an 11 GeV beam to experimental halls A, B, and C.

**U.S. DEPARTMENT OF ENERGY
 CONTRACT WORK AUTHORIZATION
 AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009: 89-09/10-0227
 REVISED**

1a. Project Title: Nuclear Physics – Nuclear Science Workforce (2005270)		1b. Work Proposal Number (if applicable): Various	
2. Headquarters Program Point of Contact. Name: Timothy J. Hallman Organization Code: SC-26 Telephone No.: (301) 903-3613			
3. Headquarters Budget Point of Contact. Name: Andrea Conrad Organization Code: SC-41 Telephone No.: (301) 903-3310			
4. Responsible Program: Nuclear Physics		5. Responsible Secretarial Officer: Director, Office of Science	
6. Responsible Field Organization: Oak Ridge Office			
7a. Site and Facility Management Contractor: Jefferson Science Associates, LLC – Thomas Jefferson National Accelerator Facility		7b. Contractor Point of Contact. Name: Andrew Hutton Telephone No.: 757-269-7396	
8. Work Authorization Number: KB/OR39/9/ARRA-5		9. Revision Number: 04	
10. Funds Authorized (\$ in thousands). B&R Code: KB Previous: \$1,834 Change: \$-8 Current: \$1,826*			
11. Performance Period Covered by Funds. From: 2/17/09 To: 09/30/10		12. Work Start Date: 08/2009	13. Expected Completion Date: 09/2014

14. Statement of Work (See attached)

This Work Authorization is issued for the sole purpose of authorizing work in support of the American Recovery and Reinvestment Act of 2009, (Pub. L. 111-5) (Recovery Act). All contract terms and conditions apply to the work identified within, in particular contract provision H.999 applies. The work described in this work authorization shall be performed using funds obligated under the contract, appropriated under the Recovery Act, and as such is subject to special statutory conditions.

The Office of Science (SC) is committed to conducting all work authorized herein, in a manner that ensures protection of the workers, the public, and the environment. Protecting the workers, the public, and the environment is a direct and individual responsibility of all SC managers and SC-supported contractors. Funds provided by NP will be applied as necessary to ensure that all NP activities are conducted safely and in an environmentally conscientious manner. Only work conducted in this way will be supported.

Specific Recovery Act Statement of Work:
\$8,629 in remaining uncosted funding under KB-04-01-02-2 is withdrawn to close out the accounting records to reflect completion of this ARRA project.

Attachment A, Contractor Recovery Act Performance Requirements, identifies the Contractor Recovery Act Schedule Milestones, Performance Measures, and Outcomes and Deliverables for this Work Authorization. The contractor's performance against the identified requirements in Attachment A will be evaluated under the Office of Science laboratory appraisal process.

* Includes OPE funding \$1,825,371.

Continuation of WAS – Nuclear Science Workforce (2005270)

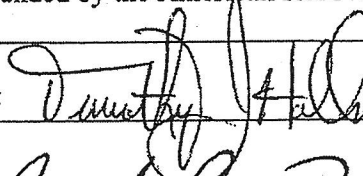
15. Reporting Requirements (Status reports, scientific and technical information or similar):

The recipient of funding in this Work Authorization is responsible for meeting all reporting requirements established by the Department of Energy for activities funded by the American Recovery and Reinvestment Act of 2009.

16. Work Authorization Program Official.

Name (typed): Timothy J. Hallman

Signature:



Date:

10/23/14

17. DOE Field Organization Official.

Name (typed): Joseph Arango

Signature:



Date:

10/27/14

18. Contractor's Authorized Representative.

Name (typed): JOSEPH L. SCARROW

Signature:



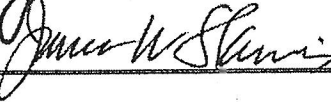
Date:

10/29/14

19. DOE Contracting Officer (or delegated representative).

Name (typed): James W. Skinner

Signature:



Date:

11/3/14

Financial Plan Report - Detail

OR23177 - JEFFERSON SCIENCE ASSOCIATES, LLC (RECOVERY ACT - 8909/100227)

Fiscal Year: 2015

Fiscal Month: 02

Financial Plan Number: 1

Contract Modification Number: ** No MOD **

Rpt Entity: OR Jefferson Science Associates LLC

Rpt Entity	Fund Code	Leg FT	Program	Legacy B&R	Obj. Class	Local Use	Project	WFO	Legacy Order Number	Beginning Uncosted Obs	Previous	BA Change	Revised	Total Available
472101	06199	WO	2924093	KA1502012	25400	0000000	2005170	0000000		4,434.00	0.00	0.00	0.00	4,434.00
Total for Program Parent/Control Point: KA0000000										4,434.00	0.00	0.00	0.00	4,434.00
472101	06199	WO	2923723	KB0102011	32003	0473101	2005220	0000000		15,223.00	0.00	-15,223.00	-15,223.00	0.00
472101	06199	WO	2923746	KB0301020	25400	0000000	2005260	0000000		974.00	0.00	-974.00	-974.00	0.00
AY 2009 - Work Authorization Number KB/OR39/ARRA-3; Appropriation Symbol: 8909/100227										4,364.00	0.00	-4,364.00	-4,364.00	0.00
472101	06199	WO	2923746	KB0301020	31003	0000000	2005260	0000000		8,629.00	0.00	-8,629.00	-8,629.00	0.00
AY 2009 - Work Authorization Number KB/OR39/ARRA-3; Appropriation Symbol 8909/100227										29,190.00	0.00	-29,190.00	-29,190.00	0.00
472101	06199	WO	2923755	KB0401022	25400	0000000	2005270	0000000		33,624.00	0.00	-29,190.00	-29,190.00	4,434.00
Total for Program Parent/Control Point: KB0000000										33,624.00	0.00	-29,190.00	-29,190.00	4,434.00
Total for Fund: 06199										33,624.00	0.00	-29,190.00	-29,190.00	4,434.00
Total for Recipient Code: OR										33,624.00	0.00	-29,190.00	-29,190.00	4,434.00
Total for Reporting Entity: 472101										33,624.00	0.00	-29,190.00	-29,190.00	4,434.00
Total for OR23177 - JEFFERSON SCIENCE ASSOCIATES, LLC (RECOVERY ACT - 8909/100227)										33,624.00	0.00	-29,190.00	-29,190.00	4,434.00

Financial Plan Report - Detail

OR23177 - JEFFERSON SCIENCE ASSOCIATES, LLC (RECOVERY ACT - 8909/100227)

Time-Limited Appropriations Associated with your Contract

Appropriation Symbol*	STARS Fund Code (Legacy FT)	Fund Code Title	Obligation Period	Expired Phase**
8909/100227	06199 (WO)	SC - Science, Science, Recovery Act	Two years	FY 2011 - 2015

* In the appropriation symbol, after the first two digits, the next digits specify the obligation period. For example, 89-12/13-0321 is a two-year time-limited appropriation available for obligation in FY 2012 - FY 2013.

** Funds must be fully costed or deobligated by September 30 in the fiscal year the Expired Phase ends. At this point the appropriation is considered cancelled.

Agency Sub-Report

Agency	Obligation Change Amount
Work for Others Funds Associated with Federal Agencies:	0.00
Total DOE Funds:	-29,190.00
Total Non-Appropriated Funds:	0.00
Grand Total:	-29,190.00

TAS Sub-Report

DOE Funding:	8909/100227
Reimbursable Funding:	
No Reimbursable Funding Exists	