



Department of Energy  
Office of Science  
Washington, DC 20585

NOV 19 2013

MEMORANDUM FOR JOSEPH ARANGO  
MANAGER  
THOMAS JEFFERSON SITE OFFICE

FROM: TIMOTHY J. HALLMAN  
ASSOCIATE DIRECTOR OF SCIENCE  
FOR NUCLEAR PHYSICS

A handwritten signature in black ink, appearing to read "Timothy J. Hallman", is written over the printed name and title.

SUBJECT: FY 2014 Approved Funding Program - Thomas Jefferson National  
Accelerator Facility

The attached budget detail and program guidance relate to the funding amounts in the November Approved Funding Program recently submitted to the Office of the Chief Financial Officer for the Nuclear Physics program.

Also attached, in accordance with DOE Order 412.1A, is the FY 2014 Work Authorization for the M&O contract with the Thomas Jefferson National Accelerator Facility to support funding in the November AFP.

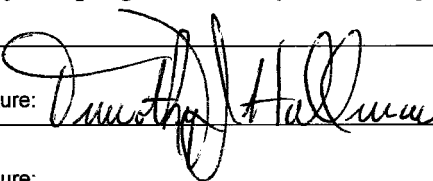
There should not be any variance in performance from this guidance during the year prior to changes being coordinated and approved by the appropriate Headquarters program manager and documented by a program letter from Headquarters. This is essential to maintain accountability for the utilization of these funds.

If you have any questions regarding the attached, please call Andrea Conrad on 301-903-3310 or the appropriate program manager at Headquarters.

Attachment

cc:  
H. Montgomery, TJNAF  
S. Ellis, OR  
M. Lowery, OR

**U.S. DEPARTMENT OF ENERGY  
CONTRACT WORK AUTHORIZATION**

1a. Project Title: <b>Nuclear Physics</b>		1b. Work Proposal Number (if applicable): <b>Various</b>	
2. Headquarters Program Point of Contact. Name: <b>Timothy J. Hallman</b> Organization Code: <b>SC-26</b> Telephone No.: <b>(301) 903-3613</b>			
3. Headquarters Budget Point of Contact. Name: <b>Andrea Conrad</b> Organization Code: <b>SC-41</b> Telephone No.: <b>(301) 903-3310</b>			
4. Responsible Program: <b>Nuclear Physics</b>		5. Responsible Secretarial Officer: <b>Director, Office of Science</b>	
6. Responsible Field Organization: <b>Oak Ridge Office</b>			
7a. Site and Facility Management Contractor: <b>Jefferson Science Associates, LLC – Thomas Jefferson National Accelerator Facility</b>		7b. Contractor Point of Contact. Name:      Telephone No.:	
8. Work Authorization Number: <b>KB/OR39/14</b>		9. Revision Number: <b>00</b>	
10. Funds Authorized (\$ in thousands). B&R Code: <b>KB</b> Previous: <b>\$45,027</b> Change: <b>+\$6,620</b> Current: <b>\$51,647*</b>			
11. Performance Period Covered by Funds. From: <b>10/01/13</b> To: <b>09/30/14</b>		12. Work Start Date: <b>10/01/13</b>	13. Expected Completion Date: <b>09/30/14</b>
14. Statement of Work:  The FY 2014 Approved Funding Program provides funding to accomplish Nuclear Physics research activities, generally consistent with the Field Work Proposal submissions and modifications and specific guidance provided by the enclosed memorandum.  The Office of Nuclear Physics (NP) is committed to conducting work 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 NP managers and NP-supported researchers and their staff. 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.			
15. Reporting Requirements (Status reports, scientific and technical information or similar):  The following are required for the Nuclear Physics programs: analysis finding reports as produced, a fiscal year end report, and a final report.			
16. Work Authorization Program Official. Name (typed): <b>Timothy J. Hallman</b>		Signature: 	Date: <b>11/18/2013</b>
17. DOE Field Organization Official. Name (typed):		Signature:	Date:
18. Contractor's Authorized Representative. Name (typed):		Signature:	Date:
19. DOE Contracting Officer (or delegated representative). Name (typed):		Signature:	Date:

\* Includes Operating \$34,040,098; Capital Equipment \$1,250,000; GPP \$2,500,000; and Construction \$13,856,609.

**Nuclear Physics (KB)**  
**FY 2014 November Program Guidance Attachment**

**Thomas Jefferson National Accelerator Facility (472101)**

Nuclear Theory

Research

National Lab Research (KB-03-01-02)

**\$240,000** is provided for the LQCD-ext Project in the November AFP.

Construction – 12 GeV Upgrade Project (06-SC-01) (39KB)

**\$6,380,009** is provided for the 12 GeV CEBAF Upgrade Project.

SETASIDES: Exclude -- UA Reserves  
Current Stage: 2014-01-71  
Proposed Stage: 2014-02-71  
\$: Whole

	Current	Approved Obligations Change	Proposed	Current	Approved Costs Change	Proposed
THOMAS JEFFERSON NAT ACCEL FAC						
Oak Ridge Operations Office						
Operating Expenses						
KB01						
KB0101021	1,780,430	0	1,780,430	1,780,430	0	1,780,430
	<b>1,780,430</b>	<b>0</b>	<b>1,780,430</b>	<b>1,780,430</b>	<b>0</b>	<b>1,780,430</b>
KB0102011	18,850,000	0	18,850,000	18,850,000	0	18,850,000
	2,500,000	0	2,500,000	2,500,000	0	2,500,000
	<b>21,350,000</b>	<b>0</b>	<b>21,350,000</b>	<b>21,350,000</b>	<b>0</b>	<b>21,350,000</b>
KB0102012	9,000,000	0	9,000,000	9,000,000	0	9,000,000
	1,250,000	0	1,250,000	1,250,000	0	1,250,000
	<b>10,250,000</b>	<b>0</b>	<b>10,250,000</b>	<b>10,250,000</b>	<b>0</b>	<b>10,250,000</b>
KB0102013	3,000,000	0	3,000,000	3,000,000	0	3,000,000
	<b>3,000,000</b>	<b>0</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>0</b>	<b>3,000,000</b>
	<b>36,380,430</b>	<b>0</b>	<b>36,380,430</b>	<b>36,380,430</b>	<b>0</b>	<b>36,380,430</b>
Nuclear Theory						
KB030102	1,085,580	240,000	1,325,580	1,085,580	240,000	1,325,580
	<b>1,085,580</b>	<b>240,000</b>	<b>1,325,580</b>	<b>1,085,580</b>	<b>240,000</b>	<b>1,325,580</b>
KB0301052	84,088	0	84,088	84,088	0	84,088
	<b>84,088</b>	<b>0</b>	<b>84,088</b>	<b>84,088</b>	<b>0</b>	<b>84,088</b>
	<b>1,169,668</b>	<b>240,000</b>	<b>1,409,668</b>	<b>1,169,668</b>	<b>240,000</b>	<b>1,409,668</b>
<b>Total Operating Expenses</b>	<b>37,550,098</b>	<b>240,000</b>	<b>37,790,098</b>	<b>37,550,098</b>	<b>240,000</b>	<b>37,790,098</b>
Construction						
39KB00						
Construction						

SETASIDES: Exclude -- UA Reserves  
 Current Stage: 2014-01-71  
 Proposed Stage: 2014-02-71  
 \$: Whole

Line Item	Current	Approved Obligations Change	Proposed	Current	Approved Costs Change	Proposed
06-SC01	7,476,600	6,380,009	13,856,609			
12 GeV Upgrade	7,476,600	6,380,009	13,856,609			
<b>Total Line Item</b>	<b>7,476,600</b>	<b>6,380,009</b>	<b>13,856,609</b>			
<b>Total 39KB00</b>	<b>7,476,600</b>	<b>6,380,009</b>	<b>13,856,609</b>			
<b>Total Construction</b>	<b>7,476,600</b>	<b>6,380,009</b>	<b>13,856,609</b>			
<b>Total THOMAS JEFFERSON NAT ACCEL FAC</b>	<b>45,026,698</b>	<b>6,620,009</b>	<b>51,646,707</b>			