



Department of Energy

Fermi Site Office
Post Office Box 2000
Batavia, Illinois 60510

LOCT 28 2010

Mr. Benjamin G. Stauss
Fermi Research Alliance, LLC
1111 19th Street, NW, Suite 400
Washington, DC 20036

Dear Mr. Stauss:

SUBJECT: MODIFICATION NO. 071 TO U.S. DEPARTMENT OF ENERGY
CONTRACT NO. DE-AC02-07CH11359

Enclosed for your records is a signed copy of the subject contract modification which unilaterally increases the amount of funds obligated hereunder by \$66,030,466.15, from \$1,715,074,258.54 to a total of \$1,781,104,724.69.

Also enclosed is Fiscal Year 2011 Approved Funding Program (AFP) No.1 which depicts the funding adjustment in the following category:

- Operating Expense Funds are increased by \$58,201,675.00;
- Capital Equipment Funds are increased by \$7,803,342.00; and
- Reimbursable Work Funds are increased by \$25,449.15.

This obligation does not affect expenditure limitations which are applicable and which the Laboratory may have been advised of separately from contract modifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Rory S. Simpson", written over a horizontal line.

Rory S. Simpson
Contracting Officer

Enclosures:
As Stated

cc: P. Oddone, Fermilab, w/encls.
Y. - K. Kim, Fermilab, w/encls.
B. Chrisman, Fermilab, w/encls.
D. Carlson, Fermilab, w/encls.
C. Conger, Fermilab, w/encls.
C. Trimby, Fermilab, w/encls.
M. Rhoades, Fermilab, w/encls.
E. Becker, Fermilab, w/encls.

2. AMENDMENT/MODIFICATION NO. 071	3. EFFECTIVE DATE 10/01/2010	4. REQUISITION/PURCHASE REQ. NO. 11SC000536	5. PROJECT NO. (If applicable)
6. ISSUED BY Fermi Site Office U.S. Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510	CODE 06006	7. ADMINISTERED BY (If other than Item 6) Fermi Site Office U.S. Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510	CODE 06006

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FERMI RESEARCH ALLIANCE LLC Attn: GARY LEONARD FERMI RESEARCH ALLIANCE, LLC PINE ST. AND KIRK RD, MS-213 BATAVIA IL 605105011	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC02-07CH11359
		10B. DATED (SEE ITEM 13) 11/01/2006
CODE 626399831	FACILITY CODE	

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) Net Increase: \$66,030,466.15
See FY 2011 Approved Funding Program No. 1 dated 10/22/2010, attached

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

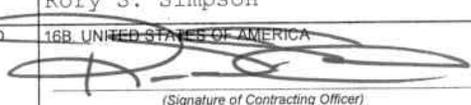
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) 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: PART II, SECTION I, CLAUSE I 119; DEAR 970.5232-4
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The amount obligated hereunder is unilaterally increases the amount of funds obligated hereunder by \$66,030,466.15, from \$1,715,074,258.54 to a total of \$1,781,104,724.69.

FOB: Unknown
Period of Performance: 01/01/2007 to 12/31/2011

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)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Rory S. Simpson
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED 16B. UNITED STATES OF AMERICA  <i>(Signature of Contracting Officer)</i>
	16C. DATE SIGNED 10/28/2010

CHICAGO OPERATIONS OFFICE
 FY 2011 APPROVED FUNDING PROGRAM NO. 1
 CH Permit Accelerator Laboratory - CONTRACT NO: CH1359
 SUMMARY

BUDGET AUTHORITY (BA)

	BEGINNING UNOBLIGATED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE
OPERATING EXPENSES	0.00	0.00	58,201,675.00	58,201,675.00	58,201,675.00
CAPITAL EQUIPMENT	0.00	0.00	7,803,342.00	7,803,342.00	7,803,342.00
CONSTRUCTION	0.00	0.00	0.00	0.00	0.00
REPAIR/REPLACE WORK	0.00	0.00	25,449.15	25,449.15	25,449.15
GRAND TOTAL	0.00	0.00	66,030,466.15	66,030,466.15	66,030,466.15

Certification of Funds Availability:

Christopher DeLeonard
 Certifying Official Date 10-22-10

CHICAGO OPERATIONS OFFICE
FY 2011 APPROVED FUNDING PROGRAM NO. 1
CH Fermil Accelerator Laboratory - CONTACT NO: CH11359
HQ BAR CONTROL SUMMARY

APPROPRIATION YEAR
FY HQ BAR CONTROL BUDGET REFERENCE NUMBER

89X0222 2010 General Science and Research Activities, Oper
WA KA-11-00-00-0 KA1100000 - Proton Accelerator-Based Physics

89X0222 2011 General Science and Research Activities, Reim
2M 60-00-00-00-0 600000000 - Cost Of Reimbursable And Cooperative Work - Non-
WA FS-10-00-00-0 FS1000000 - Safeguards and Security - Science
KA-11-00-00-0 KA1100000 - Proton Accelerator-Based Physics
KA-12-00-00-0 KA1200000 - Electron Accelerator-Based Physics
KA-13-00-00-0 KA1300000 - Non-Accelerator-Based Physics
KA-14-00-00-0 KA1400000 - Theoretical Physics
KA-15-00-00-0 KA1500000 - Advanced Technology R&D
KJ-00-00-00-0 KJ0000000 - Advanced Scientific Computing Research

		BUDGET AUTHORITY (BA)					
		NEW BA	PREVIOUS	CHANGE	REVISED	TOTAL	AVAILABLE
BEGINNING UNCOMPLETED OBLIGATIONS	0.00	0.00	0.00	(2,000,000.00)	(2,000,000.00)	(2,000,000.00)	
25,449.15	0.00	0.00	0.00	25,449.15	25,449.15	25,449.15	
622,251.00	0.00	0.00	0.00	622,251.00	622,251.00	622,251.00	
50,210,871.00	0.00	0.00	0.00	50,210,871.00	50,210,871.00	50,210,871.00	
138,516.00	0.00	0.00	0.00	138,516.00	138,516.00	138,516.00	
2,598,960.00	0.00	0.00	0.00	2,598,960.00	2,598,960.00	2,598,960.00	
2,262,683.00	0.00	0.00	0.00	2,262,683.00	2,262,683.00	2,262,683.00	
12,034,827.00	0.00	0.00	0.00	12,034,827.00	12,034,827.00	12,034,827.00	
136,909.00	0.00	0.00	0.00	136,909.00	136,909.00	136,909.00	

OPERATING EXPENSES

NA	PS-10-01-00-0	2011	25400	PS1001000, Protective Forces	0.00	0.00	302,379.00	302,379.00	302,379.00
	PS-10-02-00-0	2011	25400	PS1002000, Security Systems	0.00	0.00	102,816.00	102,816.00	102,816.00
	PS-10-05-00-0	2011	25400	PS1005000, Cyber Security	0.00	0.00	179,392.00	179,392.00	179,392.00
	PS-10-07-00-0	2011	25400	PS1007000, Material Control and Accountability	0.00	0.00	8,033.00	8,033.00	8,033.00
	PS-10-09-00-0	2011	25400	PS1009000, Program Management	0.00	0.00	29,631.00	29,631.00	29,631.00
	KA-11-01-02-1	2011	25400	KA1101021, Proton Research, National Laboratory, Energy Proton	0.00	0.00	5,625,427.00	5,625,427.00	5,625,427.00
	KA-11-01-02-2	2011	25400	KA1101022, Proton Research, National Laboratory, Intensity F	0.00	0.00	1,576,155.00	1,576,155.00	1,576,155.00
	KA-11-02-01-1	2011	25400	KA1102011, Accelerator Operations	0.00	0.00	19,756,950.00	19,756,950.00	19,756,950.00
	KA-11-02-01-2	2011	25400	KA1102012, Detector Operations	0.00	0.00	5,899,425.00	5,899,425.00	5,899,425.00
	KA-11-02-02-1	2011	31003	KA1102021, Accelerator Support	0.00	0.00	517,650.00	517,650.00	517,650.00
	KA-11-02-02-2	2011	31003	KA1102022, Detector Support	0.00	0.00	406,087.00	406,087.00	406,087.00
	KA-11-02-02-3	2011	25400	KA1102023, Other Tevatron Support Costs	0.00	0.00	1,043,333.00	1,043,333.00	1,043,333.00
		2011	31003	KA1102023, Other Tevatron Support Costs	0.00	0.00	132,090.00	132,090.00	132,090.00
		2011	31003	KA1102033, Proton Facilities - Projects, Current Facility Pr	0.00	0.00	5,000,000.00	5,000,000.00	5,000,000.00
		2011	25400	KA1102033, Proton Facilities - Projects, Current Facility Pr	0.00	0.00	1,000,000.00	1,000,000.00	1,000,000.00
		2011	25400	KA1102033, Proton Facilities - Projects, Current Facility Pr	0.00	0.00	1,500,000.00	1,500,000.00	1,500,000.00
		2011	25400	KA1102034, Proton Facilities - Projects, Future Facility R&D	0.00	0.00	1,731,450.00	1,731,450.00	1,731,450.00
		2011	25400	KA1102053, IHC Accelerator R&D	0.00	0.00	511,830.00	511,830.00	511,830.00
		2011	25400	KA1102055, Proton Facilities - IHC Support, CMS Detector & C	0.00	0.00	4,742,924.00	4,742,924.00	4,742,924.00
		2011	31003	KA1102055, Proton Facilities - IHC Support, CMS Detector & C	0.00	0.00	767,550.00	767,550.00	767,550.00
		2010	25400	KA1102056, Proton Facilities - IHC Support, CMS Detector & C	0.00	0.00	(2,000,000.00)	(2,000,000.00)	(2,000,000.00)
		2011	25400	KA1201020, National Laboratory Research	0.00	0.00	138,516.00	138,516.00	138,516.00
		2011	25400	KA1301021, Non-Accelerator Physics Research, National Labora	0.00	0.00	1,920,660.00	1,920,660.00	1,920,660.00
		2011	31001	KA1301031, Non-Accelerator Physics Research, National Labora	0.00	0.00	678,300.00	678,300.00	678,300.00
		2011	25400	KA1401020, National Laboratory Research	0.00	0.00	1,695,749.00	1,695,749.00	1,695,749.00
		2011	25400	KA1401040, Other	0.00	0.00	120,684.00	120,684.00	120,684.00
		2011	25400	KA1401050, Theoretical Physics Research, Computational HEP	0.00	0.00	144,585.00	144,585.00	144,585.00
		2011	31003	KA1401050, Theoretical Physics Research, Computational HEP	0.00	0.00	301,665.00	301,665.00	301,665.00
		2011	25400	KA1501020, National Laboratory Research	0.00	0.00	484,467.00	484,467.00	484,467.00
		2011	25400	KA1502011, Advanced Technology Research, Accelerator Develop	0.00	0.00	2,790,848.00	2,790,848.00	2,790,848.00
		2011	25400	KA1502012, Advanced Technology Research, Accelerator Develop	0.00	0.00	3,653,181.00	3,653,181.00	3,653,181.00
		2011	25400	KA1502021, Advanced Technology Research, Accelerator Develop	0.00	0.00	1,602,930.00	1,602,930.00	1,602,930.00
		2011	25400	KA1502023, Advanced Technology Research, Accelerator Develop	0.00	0.00	320,407.00	320,407.00	320,407.00
		2011	25400	KA1502030, Muon Accelerators	0.00	0.00	1,454,043.00	1,454,043.00	1,454,043.00
		2011	25400	KA1503020, Detector Development	0.00	0.00	1,728,951.00	1,728,951.00	1,728,951.00
		2011	25400	KA1504000, Next Generation Networking for Science	0.00	0.00	111,919.00	111,919.00	111,919.00
		2011	25400	KA1504000, High Performance Network Facilities and Testbeds	0.00	0.00	24,990.00	24,990.00	24,990.00

RESIDUING UNOBLIGATED OBLIGATIONS		NEW BA		TOTAL	
PREVIOUS	CHANGE	REVISD	AVAILABE	REVISD	AVAILABE
0.00	0.00	0.00	302,379.00	0.00	302,379.00
0.00	0.00	0.00	102,816.00	0.00	102,816.00
0.00	0.00	0.00	179,392.00	0.00	179,392.00
0.00	0.00	0.00	8,033.00	0.00	8,033.00
0.00	0.00	0.00	29,631.00	0.00	29,631.00
0.00	0.00	0.00	5,625,427.00	0.00	5,625,427.00
0.00	0.00	0.00	1,576,155.00	0.00	1,576,155.00
0.00	0.00	0.00	19,756,950.00	0.00	19,756,950.00
0.00	0.00	0.00	5,899,425.00	0.00	5,899,425.00
0.00	0.00	0.00	517,650.00	0.00	517,650.00
0.00	0.00	0.00	406,087.00	0.00	406,087.00
0.00	0.00	0.00	1,043,333.00	0.00	1,043,333.00
0.00	0.00	0.00	132,090.00	0.00	132,090.00
0.00	0.00	0.00	5,000,000.00	0.00	5,000,000.00
0.00	0.00	0.00	1,000,000.00	0.00	1,000,000.00
0.00	0.00	0.00	1,500,000.00	0.00	1,500,000.00
0.00	0.00	0.00	1,731,450.00	0.00	1,731,450.00
0.00	0.00	0.00	511,830.00	0.00	511,830.00
0.00	0.00	0.00	4,742,924.00	0.00	4,742,924.00
0.00	0.00	0.00	767,550.00	0.00	767,550.00
0.00	0.00	0.00	(2,000,000.00)	0.00	(2,000,000.00)
0.00	0.00	0.00	138,516.00	0.00	138,516.00
0.00	0.00	0.00	1,920,660.00	0.00	1,920,660.00
0.00	0.00	0.00	678,300.00	0.00	678,300.00
0.00	0.00	0.00	1,695,749.00	0.00	1,695,749.00
0.00	0.00	0.00	120,684.00	0.00	120,684.00
0.00	0.00	0.00	144,585.00	0.00	144,585.00
0.00	0.00	0.00	301,665.00	0.00	301,665.00
0.00	0.00	0.00	484,467.00	0.00	484,467.00
0.00	0.00	0.00	2,790,848.00	0.00	2,790,848.00
0.00	0.00	0.00	3,653,181.00	0.00	3,653,181.00
0.00	0.00	0.00	1,602,930.00	0.00	1,602,930.00
0.00	0.00	0.00	320,407.00	0.00	320,407.00
0.00	0.00	0.00	1,454,043.00	0.00	1,454,043.00
0.00	0.00	0.00	1,728,951.00	0.00	1,728,951.00
0.00	0.00	0.00	111,919.00	0.00	111,919.00
0.00	0.00	0.00	24,990.00	0.00	24,990.00

CHICAGO OPERATIONS OFFICE
FY 2011 APPROVED FUNDING PROGRAM NO. 1
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

APPR	OBJ	YEAR	CLASS	BEGINNING UNOCCUPIED OBLIGATIONS	PREVIOUS PERIODS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE
------	-----	------	-------	----------------------------------	------------------	---------------	---------	-----------------

REIMBURSABLE WORK

2W	60-03-03-00-0	2011	25400	600303000, State and Local Governments and Non-Profit Organi	0.00	0.00	10,827.87	10,827.87
				CHASRF04001				
TOTAL BAR REPORTING 60-03-03-00-0					0.00	0.00	10,827.87	10,827.87
60-03-05-00-0	2011	25400	600305000, Universities and Institutes	0.00	0.00	14,621.28	14,621.28	14,621.28
TOTAL BAR REPORTING 60-03-05-00-0					0.00	0.00	14,621.28	14,621.28

CHICAGO OPERATIONS OFFICE
FY 2011 APPROVED FUNDING PROGRAM NO. 1
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
COMMENTS

PT	REPORTING	BUDGET REFERENCE NUMBER	ORDER NUMBER	OPT	CC	PROGRAM TASK
----	-----------	-------------------------------	--------------	-----	----	--------------