AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
	1	41

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
0183	See Block 16C	16SC001768	

6. ISSUED BY CODE 06006

Fermi Site Office
U.S. Department of Energy
Fermi Site Office
P.O. Box 2000
Batavia IL 60510

7. ADMINISTERED BY *(If other than Item 6)* CODE

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

FERMI RESEARCH ALLIANCE, LLC
Attn: KAREN BORMANN
FERMI RESEARCH ALLIANCE, LLC
PINE ST. AND KIRK RD, MS-213
BATAVIA IL 605105011

CODE 626399831 FACILITY CODE

(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

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: $14,431,847.00
See Schedule

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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Mutual Agreement of the Parties.

E. 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.)*

Tax ID Number: 57-1239010
DUNS Number: 626399831
The purpose of this modification No. 181 is to update the attached contractual terms and conditions described on page 2.
Mark For:
Fermi Site Office
US Department of Energy
Fermi Site Office
P.O. Box 2000
Batavia IL 60510
FOB: Destination
Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9 A 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)*	
		Whitney S. Begner	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		Signature on File *(Signature of Contracting Officer)*	07/29/2016

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Period of Performance: 01/01/2007 to 12/31/2016 Change Item 00001 to read as follows(amount shown is the total amount): FOR OFFICIAL USE ONLY Special Handling: Not Applicable				
00001	Fermi Research Alliance, LLC Modification Line item value is:: $3,854,215,768.56 Incrementally Funded Amount: $3,854,215,768.56				SAF
	Delivery Location Code: 00113 Office of HQ PS (Germantown) U.S. Department of Energy Attention: (first & last & route) 19901 Germantown Road Germantown MD 20874-1290 Amount: $1,653,587,194.55 Accounting Info: 00000-0000-00-000000-00000-0000000-0000000-0000000-0000000-000000 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: OR for Chicago U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 5748 Oak Ridge TN 37831				
	Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $10,092,936.01 Accounting Info: See AFP dated 02/23/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury				
	Delivery Location Code: 06006 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $544,256.99 Accounting Info: See AFP dated 03/23/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $50,000.00 Accounting Info: See AFP dated 03/23/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $9,500,000.00 Accounting Info: See AFP dated 04/14/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: See AFP dated 04/14/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $4,622,405.45 Accounting Info: See AFP dated 04/23/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,293,000.00 Accounting Info: See AFP dated 05/21/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,798,430.52 Accounting Info: See AFP dated 05/21/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $146,054.37 Accounting Info: See AFP dated 05/21/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $2,797,604.42 Accounting Info: See AFP dated 06/23/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $299,000.00 Accounting Info: See AFP dated 07/20/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $4,377,602.83 Accounting Info: See AFP dated 07/27/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $20,000,000.00 Accounting Info: See AFP dated 07/29/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery: 08/17/2010 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: Administrative Modification Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery: 08/27/2010 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $2,690,340.76 Accounting Info: See AFP dated 08/25/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $3,275,432.64 Accounting Info: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	See AFP 19 and AFP 20 dated 09/23/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $66,030,466.15 Accounting Info: See AFP dated 10/22/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: PEMP Document Attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Amount: $191,752.62 Accounting Info: See AFP dated 11/19/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $16,321,287.31 Accounting Info: See AFP dated 12/20/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 12/20/2010; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $54,690,956.65 Accounting Info: See AFP dated 01/25/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: AFP dated 1/25/2011; attached for Mod 075 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: Administrative Modification Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $19,222,307.75 Accounting Info: See AFP dated 02/24/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 02/24/2011; attached for Mod 077 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $26,544,395.45 Accounting Info: See AFP dated 03/15/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 3/15/2011; attached for Mod 078 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	P.O. Box 2000 Batavia IL 60510 Amount: $22,977,835.00 Accounting Info: See AFP dated 03/25/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 3/25/2011; attached for Mod 079 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $50,000.00 Accounting Info: See AFP dated 03/15/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 3/15/2011; attached for Mod 080 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: Administrative Modification Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $189,221.00 Accounting Info: See AFPs dated 4/4/2011 and 04/08/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 4/4/2011; attached for Mod 082 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $42,112,086.62 Accounting Info: See AFP Dated 4/26/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 4/26/2011; attached for Mod 083 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $28,012,372.14 Accounting Info: See AFP Dated 5/25/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 5/25/2011; attached for Mod 084 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $916.64 Accounting Info: See AFP Dated 6/16/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 6/16/2011; attached for Mod 085 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $127,151,643.57 Accounting Info: See AFP dated 06/23/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 6/23/2011; attached for Mod 086 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $384,653.63 Accounting Info: See AFP Dated 7/25/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 7/25/2011; attached for Mod 087 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $5,663,408.24 Accounting Info: See AFP Dated 8/24/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Accounting Info: See AFP dated 8/24/2011; attached for Mod 088 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $4,382,894.72 Accounting Info: SEE APPROVED FUNDING PROGRAM NO. 18 DATED 9/22/2011 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: $0.00 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: Administrative Modification Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Refer to Subject of Availability of Funds Clause in the Contract. $0.00 Refer to Subject of Availability of Funds Clause in the Contract. Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $48,380,556.53 Accounting Info: SEE APPROVED FUNDING PROGRAM NO. 1, DATED 10/26/2011; ATTACHED Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: OR for Chicago U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 5748 Oak Ridge TN 37831 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $27,919,263.83 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: See AFP Dated 11/23/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: Modification to Total Contract Value Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $60,363.79 Accounting Info: See AFP 3 Dated 12/20/2011 and AFP 4 Dated 12/22/2011; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Batavia IL 60510 Amount: $14,662,458.66 Accounting Info: See AFP No. 7 Dated 3/19; No. 8 Dated 3/20; and No. 9 Dated 3/22 - attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $61,566,198.28 Accounting Info: See AFP Dated 4/24/2012; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Accounting Info: See AFP dated 4/24/2012; attached for Mod 099 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: No Funding Added. Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $3,471,463.79 Accounting Info: See AFP No. 11 Dated 5/23; and No. 12 Dated 5/24 - attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $2,699,515.91 Accounting Info: See AFP No. 13 Dated 6/22 - attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$17,450.89 Accounting Info: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	See AFP No. 15 Dated 8/9 - attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,945,080.10 Accounting Info: See AFP No. 16 Dated 8/22; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $5,843,817.42 Accounting Info: See AFP No. 17 Dated 9/24; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$5,011.89 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Accounting Info: See AFP No. 18 Dated 9/25 - attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $163,943,294.32 Accounting Info: See AFP No. 1 Dated 10/23 - attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $373,430.42 Accounting Info: See AFP No. 2 Dated 11/26; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Amount: $1,793,079.16 Accounting Info: See AFP No. 3 Dated 12/17 and AFP No. 4 Dated 12/18; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$1,800,000.00 Accounting Info: See AFP No. 5 Dated 1/15/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery: 01/30/2013 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $4,040,102.30 Accounting Info: See AFP No. 6 Dated 1/25/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $24,892,757.53 Accounting Info: See AFP No. 7 Dated 2/22/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,622,225.38 Accounting Info: See AFP No. 8 Dated 3/25/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$1,754,000.00 Accounting Info: See AFP No. 9 Dated /2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $35,771,316.80 Accounting Info: See AFP No. 10 Dated 4/23/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $19,891,204.08 Accounting Info: See AFP No. 11 Dated 5/23/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $0.00 Accounting Info: See AFP No. 12 Dated 5/29/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $31,080,765.53 Accounting Info: See AFP No. 13 Dated 6/25/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $92,646,578.15 Accounting Info: See AFP No. 14 Dated 7/25/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $587,220.25 Accounting Info: See AFP No. 15 Dated 8/23/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $808,665.00 Accounting Info: See AFP No. 16 Dated 9/20/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $114,523,595.00 Accounting Info: See AFP No. 1 Dated 10/29/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$9,178.85 Accounting Info: See AFP No. 2 Dated 11/19/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$295,667.40 Accounting Info: See AFP No. 3 Dated 11/21/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $678,945.47 Accounting Info: See AFP No. 4 Dated 12/19/2013; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $465,399.59 Accounting Info: See AFP No. 3 Dated 1/28/2014; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $36,855,078.00 Accounting Info: See AFP No. 6 Dated 2/10/2014; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $154,306,726.52 Accounting Info: See AFP No. 8 Dated 2/26/2014; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $219,289.57 Accounting Info: See AFP No. 9, 10, 11 attached; Dated 3/12, 3/21, 3/26 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $54,396,563.07 Accounting Info: See AFP No. 12 attached; Dated 4/25/2014 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $949,494.47 Accounting Info: See AFP No. 13 attached; Dated 5/27/2014 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,487,459.39 Accounting Info: See AFP No. 14 attached; Dated 6/24/2014 Fund: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $40,529,167.76 Accounting Info: See AFP Dated 7/24/2014; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $19,771,925.60 Accounting Info: See AFP Dated 8/22/2014; attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $3,935,942.52 Accounting Info: See AFP No. 17 attached; Dated 9/23/2014 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $77,027,242.65 Accounting Info: See AFP No. 1 attached; Dated 10/23/2014 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $183,864.09 Accounting Info: See AFP No. 2 attached; Dated 11/20/2014 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $46,824,306.35 Accounting Info: See AFP No. 3 attached; Dated 12/23/2014 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$18,999.20 Accounting Info: See AFP No. 4 attached; Dated 1/9/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $35,568,925.00 Accounting Info: See AFP No. 5 and 6 attached; Dated 1/26/2015 and 1/27/2015 respectively Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $139,629,465.36 Accounting Info: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	See AFP No. 7 attached; Dated 2/26/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $501,871.98 Accounting Info: See AFP No. 8 attached; Dated 3/30/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $51,022,627.33 Accounting Info: See AFP No. 9 attached; Dated 4/24/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $204,703.01 Accounting Info: See AFP No. 10 attached; Dated 45/27/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $39,367.89 Accounting Info: See AFP No. 11 attached; Dated 6/26/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $125,000.00 Accounting Info: See AFP No. 12 attached; Dated 7/9/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $19,016,273.33 Accounting Info: See AFP No. 13 attached; Dated 7/28/2015 Fund: Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,665,397.20 Accounting Info: See AFP No. 14, 15, and 16 attached; Dated 8/12/2015, 8/25/2015, and 8/26/2015; respectively Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $3,035,655.25 Accounting Info: See AFP No. 17; attached dated 9/24/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Amount: $80,410,234.44 Accounting Info: See AFP No. 1; dated 10/27/2015 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $713,208.00 Accounting Info: See AFP No. 2; attached dated 11/23/2015 Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $6,199,167.74 Accounting Info: See AFP No. 3; dated 12/22/2015 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Batavia IL 60510 Amount: $191,120,317.27 Accounting Info: See AFP No. 4; dated 1/27/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $7,102,056.82 Accounting Info: See AFP No. 5; dated 2/4/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $703,551.76 Accounting Info: See AFP No. 6; dated 2/25/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	P.O. Box 2000 Batavia IL 60510 Amount: -$439,390.24 Accounting Info: See AFP No. 7 dated 3/23/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: -$167,620.90 Accounting Info: See AFP No. 8; dated 4/26/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $78,283,117.00 Accounting Info: See AFP No. 9; dated 5/4/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Continued ...				

NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $1,064,688.62 Accounting Info: See AFP No. 10; dated 5/25/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $2,730,799.62 Accounting Info: See AFP No. 11; dated 6/28/2016 attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $0.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury Delivery Location Code: 06006 Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510 Amount: $14,431,847.00 Accounting Info: See AFPs No. 12 & 13; dated 7/7/2016 and 7/26/2016 respectively attached Fund: 00000 Appr Year: 0000 Allottee: 00 Report Entity: 000000 Object Class: 00000 Program: 0000000 Project: 0000000 WFO: 0000000 Local Use: 0000000 Funded: $14,431,847.00 Payment: Payment - Direct Payment from U.S. Dept of Treasury All security clearances (DOE Form 470.1) were previously approved - no form attached.				

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
SUMMARY

	BUDGET AUTHORITY (BA)				
	BEGINNING UNCOSTED OBLIGATIONS	NEW BA			TOTAL AVAILABLE
		PREVIOUS	CHANGE	REVISED	
OPERATING EXPENSES	107,868,461.53	255,853,829.66	0.00	255,853,829.66	363,722,291.19
CAPITAL EQUIPMENT	7,716,813.47	31,405,776.81	0.00	31,405,776.81	39,122,590.28
CONSTRUCTION	97,274,705.70	78,951,847.53	0.00	78,951,847.53	176,226,553.23
REIMBURSABLE WORK	464,375.59	1,508,676.13	0.00	1,508,676.13	1,973,051.72
GRAND TOTAL	213,324,356.29	367,720,130.13	0.00	367,720,130.13	581,044,486.42

Certification of Funds Availability:

Catherine Richardson 7-7-16

Certifying Official Date

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
HQ B&R CONTROL SUMMARY

APPROPRIATION YEAR FT	HQ B&R CONTROL	BUDGET REFERENCE NUMBER		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
89X0222 2005 General Science and Research Activities, Oper								
WA	KS-01-00-00-0		KS0100000 - Research, Development And Operations	132,140.62	0.00	0.00	0.00	132,140.62
89X0222 2010 General Science and Research Activities, Reim								
3W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	8,092.80	(8,092.80)	0.00	(8,092.80)	0.00
89X0222 2011 General Science and Research Activities, Reim								
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	1,228.57	(274.94)	0.00	(274.94)	953.63
WA	KA-00-00-00-0		KA0000000, High Energy Physics	610,554.25	0.00	0.00	0.00	610,554.25
89X0222 2012 General Science and Research Activities, Reim								
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	2,158.47	(2,158.47)	0.00	(2,158.47)	0.00
WA	KA-00-00-00-0		KA0000000, High Energy Physics	363,962.44	0.00	0.00	0.00	363,962.44
	KB-00-00-00-0		KB0000000 - Nuclear Physics	488.62	0.00	0.00	0.00	488.62
89X0222 2013 General Science and Research Activities, Oper								
	KA-00-00-00-0		KA0000000, High Energy Physics	1,358,878.50	0.00	0.00	0.00	1,358,878.50
	KJ-00-00-00-0		KJ0000000 - Advanced Scientific Computing Research	23,076.09	0.00	0.00	0.00	23,076.09
89X0222 2014 General Science and Research Activities, Oper								
	39-KA-00-00-0	PRN11SC40000	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	1,898,311.85	0.00	0.00	0.00	1,898,311.85
	39-KA-00-00-0	PRN11SC41000	39KA00000PRN11SC41000, Muon to Electron Coversion Experiment	10,144,217.50	0.00	0.00	0.00	10,144,217.50
	39-KG-02-00-0	PRN13SC70000	39KG02000PRN13SC70000, Utilities Upgrade at FNAL	26,390,598.55	0.00	0.00	0.00	26,390,598.55
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	10,709.80	(1,880.80)	0.00	(1,880.80)	8,829.00
WA	KA-00-00-00-0		KA0000000, High Energy Physics	6,329,073.75	0.00	0.00	0.00	6,329,073.75
	KB-00-00-00-0		KB0000000 - Nuclear Physics	499,912.60	0.00	0.00	0.00	499,912.60
	KC-00-00-00-0		KC0000000, Basic Energy Sciences	38,106.21	0.00	0.00	0.00	38,106.21
	KJ-00-00-00-0		KJ0000000 - Advanced Scientific Computing Research	31,572.55	0.00	0.00	0.00	31,572.55
	KL-00-00-00-0		KL0000000 - Workforce Development for Teachers and Scientist	378,374.98	0.00	0.00	0.00	378,374.98
89X0222 2015 General Science and Research Activities, Oper								
	39-KA-00-00-0	PRN11SC40000	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	7,791,000.00	0.00	0.00	0.00	7,791,000.00
	39-KA-00-00-0	PRN11SC41000	39KA00000PRN11SC41000, Muon to Electron Coversion Experiment	25,000,000.00	0.00	0.00	0.00	25,000,000.00
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	442,185.95	(14,400.03)	0.00	(14,400.03)	427,785.92
WA	FS-10-00-00-0		FS1000000 - Safeguards and Security - Science	995,880.85	0.00	0.00	0.00	995,880.85
	KA-00-00-00-0		KA0000000, High Energy Physics	127,957,162.85	(513,000.00)	0.00	(513,000.00)	127,444,162.85
	KB-00-00-00-0		KB0000000 - Nuclear Physics	567,465.10	0.00	0.00	0.00	567,465.10
	KC-00-00-00-0		KC0000000, Basic Energy Sciences	539,779.51	0.00	0.00	0.00	539,779.51
	KJ-00-00-00-0		KJ0000000 - Advanced Scientific Computing Research	1,771,457.66	0.00	0.00	0.00	1,771,457.66
	KL-00-00-00-0		KL0000000 - Workforce Development for Teachers and Scientist	25,544.07	0.00	0.00	0.00	25,544.07
89X0222 2016 General Science and Research Activities, Oper								
	39-KA-00-00-0	PRN11SC40000	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	0.00	12,849,600.00	0.00	12,849,600.00	12,849,600.00
	39-KA-00-00-0	PRN11SC41000	39KA00000PRN11SC41000, Muon to Electron Coversion Experiment	0.00	38,733,801.00	0.00	38,733,801.00	38,733,801.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
HQ B&R CONTROL SUMMARY

APPROPRIATION YEAR FT	HQ B&R CONTROL	BUDGET REFERENCE NUMBER	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
89X0222 2016 General Science and Research Activities, Oper							
2W	45-61-00-00-0	456100000, Allottee 61 CH-Reimbursable Work	0.00	1,535,483.17	0.00	1,535,483.17	1,535,483.17
WA	FS-10-00-00-0	FS1000000 - Safeguards and Security - Science	0.00	5,100,000.00	0.00	5,100,000.00	5,100,000.00
	KA-00-00-00-0	KA0000000, High Energy Physics	0.00	300,557,151.00	0.00	300,557,151.00	300,557,151.00
	KB-00-00-00-0	KB0000000 - Nuclear Physics	0.00	25,000.00	0.00	25,000.00	25,000.00
	KC-00-00-00-0	KC0000000, Basic Energy Sciences	0.00	165,000.00	0.00	165,000.00	165,000.00
	KG-07-00-00-0	KG0700000, Facilities and Infrastructure	0.00	8,693,902.00	0.00	8,693,902.00	8,693,902.00
	KJ-00-00-00-0	KJ0000000 - Advanced Scientific Computing Research	0.00	80,000.00	0.00	80,000.00	80,000.00
	KL-00-00-00-0	KL0000000 - Workforce Development for Teachers and Scientist	0.00	220,000.00	0.00	220,000.00	220,000.00
89X0243 2014 Materials Production and Other Defense Progra							
TF	HQ-00-00-00-0	HQ0000000	7,422.15	0.00	0.00	0.00	7,422.15
89X0243 2015 Materials Production and Other Defense Progra							
	HQ-00-00-00-0	HQ0000000	5,000.00	0.00	0.00	0.00	5,000.00
89X0309 2016 Defense Nuclear Nonproliferation							
NS	DN-10-02-00-0	DN1002000, Radiological Security	0.00	300,000.00	0.00	300,000.00	300,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM		APPR YEAR	OBJ CLASS		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
OPERATING EXPENSES										
NS	DN-10-02-01-0		2016	25400	DN1002010, Domestic Radiological Material Removal	0.00	300,000.00	(300,000.00)	0.00	0.00
	DN-10-02-02-0		2016	25400	DN1002020, Domestic Material Protection	0.00	0.00	300,000.00	300,000.00	300,000.00
TF	HQ-10-01-00-0		2014	25400	HQ1001000, Worker Advocacy	7,422.15	0.00	0.00	0.00	7,422.15
			2015	25400	HQ1001000, Worker Advocacy	5,000.00	0.00	0.00	0.00	5,000.00
WA	FS-10-01-00-0		2015	25400	FS1001000, Protective Forces	384,296.77	0.00	0.00	0.00	384,296.77
			2016	25400	FS1001000, Protective Forces	0.00	1,621,000.00	0.00	1,621,000.00	1,621,000.00
	FS-10-02-00-0		2015	25400	FS1002000, Security Systems	186,209.57	0.00	0.00	0.00	186,209.57
			2016	25400	FS1002000, Security Systems	0.00	595,000.00	0.00	595,000.00	595,000.00
	FS-10-04-00-0		2016	25400	FS1004000, Information Security	0.00	470,000.00	0.00	470,000.00	470,000.00
	FS-10-05-00-0		2015	25400	FS1005000, Cyber Security	371,864.74	0.00	0.00	0.00	371,864.74
			2016	25400	FS1005000, Cyber Security	0.00	2,148,000.00	0.00	2,148,000.00	2,148,000.00
	FS-10-07-00-0		2015	25400	FS1007000, Material Control and Accountability	42,694.89	0.00	0.00	0.00	42,694.89
			2016	25400	FS1007000, Material Control and Accountability	0.00	64,000.00	0.00	64,000.00	64,000.00
	FS-10-09-00-0		2015	25400	FS1009000, Program Management	10,814.88	0.00	0.00	0.00	10,814.88
			2016	25400	FS1009000, Program Management	0.00	202,000.00	0.00	202,000.00	202,000.00
	KA-11-02-03-4		2012	25400	KA1102034, Proton Facilities - Projects, Future Facility R&D	152,739.14	(152,739.14)	0.00	(152,739.14)	0.00
	KA-15-02-02-1		2012	25400	KA1502021, Advanced Technology Research, Accelerator Develop	191,704.12	(191,704.12)	0.00	(191,704.12)	0.00
	KA-21-01-02-0		2015	25400	KA2101020, National Laboratories	7,899,311.39	0.00	0.00	0.00	7,899,311.39
			2016	25400	KA2101020, National Laboratories	0.00	16,933,650.00	0.00	16,933,650.00	16,933,650.00
		OPEMIE30YB	2015	25400	KA2101020, National Laboratories	266,672.72	0.00	0.00	0.00	266,672.72
	KA-21-01-03-0		2013	25400	KA2101030, University Service Accounts	93,073.76	0.00	0.00	0.00	93,073.76
			2014	25400	KA2101030, University Service Accounts	223,000.00	0.00	0.00	0.00	223,000.00
			2015	25400	KA2101030, University Service Accounts	362,000.00	0.00	0.00	0.00	362,000.00
	KA-21-02-02-2		2015	25400	KA2102022, CMS Detector and Computing Support	13,013,363.27	0.00	0.00	0.00	13,013,363.27
			2016	25400	KA2102022, CMS Detector and Computing Support	0.00	24,301,800.00	0.00	24,301,800.00	24,301,800.00
	KA-21-03-01-1	EQUMIE30YB	2015	31001	KA2103011, MIE	1,554,107.17	0.00	0.00	0.00	1,554,107.17
		EQUMIE30YB	2016	31001	KA2103011, MIE	0.00	9,088,650.00	0.00	9,088,650.00	9,088,650.00
		OPEMIE61BL	2016	25400	KA2103011, MIE	0.00	120,000.00	0.00	120,000.00	120,000.00
		OPEMIE61BN	2016	25400	KA2103011, MIE	0.00	500,000.00	0.00	500,000.00	500,000.00
	KA-22-01-02-0		2015	25400	KA2201020, National Laboratories	3,061,382.53	0.00	0.00	0.00	3,061,382.53
			2016	25400	KA2201020, National Laboratories	0.00	16,052,505.00	0.00	16,052,505.00	16,052,505.00
	KA-22-01-03-0		2015	25400	KA2201030, University Service Accounts	202,250.43	0.00	0.00	0.00	202,250.43
			2016	25400	KA2201030, University Service Accounts	0.00	410,000.00	0.00	410,000.00	410,000.00
	KA-22-02-01-0		2015	25400	KA2202010, Experimental Operations and Support	234,405.69	0.00	0.00	0.00	234,405.69
			2016	25400	KA2202010, Experimental Operations and Support	0.00	597,963.00	0.00	597,963.00	597,963.00
	KA-22-02-02-1		2015	25400	KA2202021, Accelerator Operations	14,574,924.17	0.00	0.00	0.00	14,574,924.17
			2016	25400	KA2202021, Accelerator Operations	0.00	67,021,663.00	0.00	67,021,663.00	67,021,663.00
		AIP	2015	32003	KA2202021, Accelerator Operations	8,677,442.03	0.00	0.00	0.00	8,677,442.03
		AIP	2016	32003	KA2202021, Accelerator Operations	0.00	8,323,250.00	0.00	8,323,250.00	8,323,250.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM		APPR YEAR	OBJ CLASS		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
		EQU	2015	31003	KA2202021, Accelerator Operations	1,004,052.91	0.00	0.00	0.00	1,004,052.91
		EQU	2016	31003	KA2202021, Accelerator Operations	0.00	9,303,937.00	0.00	9,303,937.00	9,303,937.00
	KA-22-02-02-2		2015	25400	KA2202022, Detector and Computing	13,077,217.85	0.00	0.00	0.00	13,077,217.85
WA	KA-22-02-02-2		2016	25400	KA2202022, Detector and Computing	0.00	30,654,535.00	0.00	30,654,535.00	30,654,535.00
		EQU	2011	31003	KA2202022, Detector and Computing	325,840.17	(325,840.17)	0.00	(325,840.17)	0.00
	KA-22-02-02-3		2013	25400	KA2202023, Other Complex Support	23,534.43	0.00	0.00	0.00	23,534.43
		EQU	2012	31003	KA2202023, Other Complex Support	19,519.18	(19,519.18)	0.00	(19,519.18)	0.00
		GPP	2011	32002	KA2202023, Other Complex Support	0.00	610,554.25	0.00	610,554.25	610,554.25
		GPP	2012	32002	KA2202023, Other Complex Support	0.00	363,962.44	0.00	363,962.44	363,962.44
		GPP	2013	32002	KA2202023, Other Complex Support	0.00	329,312.84	0.00	329,312.84	329,312.84
		GPP	2014	32002	KA2202023, Other Complex Support	4,910,135.77	0.00	0.00	0.00	4,910,135.77
		GPP	2015	32002	KA2202023, Other Complex Support	12,463,000.00	0.00	0.00	0.00	12,463,000.00
		GPP	2016	32002	KA2202023, Other Complex Support	0.00	9,047,465.00	0.00	9,047,465.00	9,047,465.00
	KA-22-02-81-1		2014	25400	KA2202811, Special Process Spares	712,334.75	0.00	0.00	0.00	712,334.75
			2015	25400	KA2202811, Special Process Spares	3,257,466.78	0.00	0.00	0.00	3,257,466.78
			2016	25400	KA2202811, Special Process Spares	0.00	1,052,350.00	0.00	1,052,350.00	1,052,350.00
	KA-22-02-81-2		2015	25400	KA2202812, Common Use Stores	175,983.07	0.00	0.00	0.00	175,983.07
	KA-22-03-01-1	EQUMIE01VK	2013	31001	KA2203011, MIE	329,312.84	(329,312.84)	0.00	(329,312.84)	0.00
		EQUMIE30YC	2015	31001	KA2203011, MIE	3,583,981.20	2,400,000.00	0.00	2,400,000.00	5,983,981.20
		EQUMIE30YC	2016	31001	KA2203011, MIE	0.00	9,758,300.00	0.00	9,758,300.00	9,758,300.00
		OPEMIE01VK	2011	25400	KA2203011, MIE	284,714.08	(284,714.08)	0.00	(284,714.08)	0.00
		OPEMIE30YC	2015	25400	KA2203011, MIE	2,678,666.04	(2,400,000.00)	0.00	(2,400,000.00)	278,666.04
	KA-22-03-01-2	OPELBNE	2015	25400	KA2203012, Line Item OPC	2,256,930.43	0.00	0.00	0.00	2,256,930.43
		OPELBNE	2016	25400	KA2203012, Line Item OPC	0.00	86,400.00	0.00	86,400.00	86,400.00
		OPEMu2E	2013	25400	KA2203012, Line Item OPC	912,957.47	0.00	0.00	0.00	912,957.47
		P-II	2016	25400	KA2203012, Line Item OPC	0.00	17,934,913.00	0.00	17,934,913.00	17,934,913.00
	KA-22-03-02-0		2015	25400	KA2203020, Future Project R&D	8,025,845.92	0.00	0.00	0.00	8,025,845.92
			2016	25400	KA2203020, Future Project R&D	0.00	6,655,100.00	0.00	6,655,100.00	6,655,100.00
	KA-23-01-02-0		2015	25400	KA2301020, National Laboratories	3,185,107.56	0.00	0.00	0.00	3,185,107.56
			2016	25400	KA2301020, National Laboratories	0.00	7,476,613.00	0.00	7,476,613.00	7,476,613.00
	KA-23-02-01-0		2014	25400	KA2302010, Experimental Operations and Support	187,860.93	0.00	0.00	0.00	187,860.93
			2015	25400	KA2302010, Experimental Operations and Support	3,000,000.00	0.00	0.00	0.00	3,000,000.00
			2016	25400	KA2302010, Experimental Operations and Support	0.00	2,278,688.00	0.00	2,278,688.00	2,278,688.00
	KA-23-03-01-1	EQUMIE51AB	2016	31001	KA2303011, MIE	0.00	1,529,562.00	0.00	1,529,562.00	1,529,562.00
		OPEMIE41ZA	2015	25400	KA2303011, MIE	81,297.20	0.00	0.00	0.00	81,297.20
		OPEMIE51AB	2015	25400	KA2303011, MIE	136,610.56	0.00	0.00	0.00	136,610.56
		OPEMIE51AB	2016	25400	KA2303011, MIE	0.00	375,000.00	0.00	375,000.00	375,000.00
	KA-23-03-02-0		2014	25400	KA2303020, Future Project R&D	295,397.46	0.00	0.00	0.00	295,397.46
			2015	25400	KA2303020, Future Project R&D	80,000.00	0.00	0.00	0.00	80,000.00
			2016	25400	KA2303020, Future Project R&D	0.00	360,000.00	0.00	360,000.00	360,000.00
	KA-24-01-01-2		2015	25400	KA2401012, National Laboratories	2,183,342.01	0.00	0.00	0.00	2,183,342.01
			2016	25400	KA2401012, National Laboratories	0.00	8,131,950.00	0.00	8,131,950.00	8,131,950.00
	KA-24-01-01-9		2015	25400	KA2401019, Other Research	19,298.30	0.00	0.00	0.00	19,298.30
			2016	25400	KA2401019, Other Research	0.00	48,000.00	0.00	48,000.00	48,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM	APPR YEAR	OBJ CLASS		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
	KA-24-01-02-1	2015	25400	KA2401021, Scientific Discovery through Advanced Computing (	1,784,113.92	0.00	0.00	0.00	1,784,113.92
		2016	25400	KA2401021, Scientific Discovery through Advanced Computing (	0.00	2,023,462.00	0.00	2,023,462.00	2,023,462.00
	KA-24-01-02-2	2015	25400	KA2401022, Scientific Computing	987,980.48	0.00	0.00	0.00	987,980.48
WA	KA-24-01-02-2	2016	25400	KA2401022, Scientific Computing	0.00	2,006,485.00	0.00	2,006,485.00	2,006,485.00
	KA-24-03-01-3	2014	25400	KA2403013, Other Projects	344.84	0.00	0.00	0.00	344.84
		2015	25400	KA2403013, Other Projects	7,319.47	0.00	0.00	0.00	7,319.47
		2016	25400	KA2403013, Other Projects	0.00	1,033,200.00	0.00	1,033,200.00	1,033,200.00
	KA-25-01-01-2	2015	25400	KA2501012, National Laboratories	6,559,490.09	(513,000.00)	0.00	(513,000.00)	6,046,490.09
		2016	25400	KA2501012, National Laboratories	0.00	11,795,138.00	0.00	11,795,138.00	11,795,138.00
	KA-25-01-02-1	2015	25400	KA2501021, LHC Accelerator Research	2,536,776.88	0.00	0.00	0.00	2,536,776.88
		2016	25400	KA2501021, LHC Accelerator Research	0.00	6,591,084.00	0.00	6,591,084.00	6,591,084.00
	KA-25-01-02-2	2015	25400	KA2501022, Muon Accelerators	2,180,040.41	0.00	0.00	0.00	2,180,040.41
		2016	25400	KA2501022, Muon Accelerators	0.00	3,616,320.00	0.00	3,616,320.00	3,616,320.00
	KA-25-01-03-2	2015	25400	KA2501032, National Laboratories	2,381,694.81	0.00	0.00	0.00	2,381,694.81
		2016	25400	KA2501032, National Laboratories	0.00	4,163,560.00	0.00	4,163,560.00	4,163,560.00
	KA-25-02-01-0	2015	25400	KA2502010, Accelerator Infrastructure and Test Facilities	4,581,175.98	0.00	0.00	0.00	4,581,175.98
		2016	25400	KA2502010, Accelerator Infrastructure and Test Facilities	0.00	16,884,808.00	0.00	16,884,808.00	16,884,808.00
	KA-25-02-02-0	2015	25400	KA2502020, Detector Infrastructure and Test Facilities	733,256.35	0.00	0.00	0.00	733,256.35
		2016	25400	KA2502020, Detector Infrastructure and Test Facilities	0.00	4,400,800.00	0.00	4,400,800.00	4,400,800.00
	EQU	2015	31003	KA2502020, Detector Infrastructure and Test Facilities	900,000.00	0.00	0.00	0.00	900,000.00
	KA-26-01-02-0	2015	25400	KA2601020, National Laboratories	154.40	0.00	0.00	0.00	154.40
	KA-26-02-01-0	2015	25400	KA2602010, Accelerator Operations and Support	250,500.83	0.00	0.00	0.00	250,500.83
	KB-02-01-02-2	2012	25400	KB0201022, Other National Laboratory Research	488.62	0.00	0.00	0.00	488.62
		2015	25400	KB0201022, Other National Laboratory Research	25,000.00	0.00	0.00	0.00	25,000.00
		2016	25400	KB0201022, Other National Laboratory Research	0.00	25,000.00	0.00	25,000.00	25,000.00
	KB-02-01-05-2	2014	25400	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	499,912.60	0.00	0.00	0.00	499,912.60
		2015	25400	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	500,000.00	0.00	0.00	0.00	500,000.00
	KB-03-01-02-0	2015	25400	KB0301020, National Laboratory Research	42,465.10	0.00	0.00	0.00	42,465.10
	KC-04-01-02-0	2015	25400	KC0401020, Advanced Photon Source (ANL)	248,337.01	0.00	0.00	0.00	248,337.01
		2016	25400	KC0401020, Advanced Photon Source (ANL)	0.00	60,000.00	0.00	60,000.00	60,000.00
	KC-04-01-04-0	2015	25400	KC0401040, National Synchrotron Light Source II (BNL)	246,442.50	0.00	0.00	0.00	246,442.50
		2016	25400	KC0401040, National Synchrotron Light Source II (BNL)	0.00	60,000.00	0.00	60,000.00	60,000.00
	KC-04-06-02-0	2014	25400	KC0406020, Accelerator and Detector Research	38,106.21	0.00	0.00	0.00	38,106.21
		2015	25400	KC0406020, Accelerator and Detector Research	45,000.00	0.00	0.00	0.00	45,000.00
		2016	25400	KC0406020, Accelerator and Detector Research	0.00	45,000.00	0.00	45,000.00	45,000.00
	KG-07-01-00-0 GPP	2016	32002	KG0701000, Facilities and Infrastructure	0.00	8,693,902.00	0.00	8,693,902.00	8,693,902.00
	KJ-04-03-00-0	2014	25400	KJ0403000, Computational Partnerships	31,572.55	0.00	0.00	0.00	31,572.55
		2015	25400	KJ0403000, Computational Partnerships	230,000.00	0.00	0.00	0.00	230,000.00
	KJ-04-04-00-0	2015	25400	KJ0404000, Next Generation Networking for Science	1,418,457.66	0.00	0.00	0.00	1,418,457.66
		2016	25400	KJ0404000, Next Generation Networking for Science	0.00	80,000.00	0.00	80,000.00	80,000.00
	KJ-05-03-00-0	2015	25400	KJ0503000, Research and Evaluation Prototypes	123,000.00	0.00	0.00	0.00	123,000.00
	KJ-05-04-00-0	2013	25400	KJ0504000, High Performance Network Facilities and Testbeds	23,076.09	0.00	0.00	0.00	23,076.09
	KL-10-01-00-0	2015	25400	KL1001000, Science Undergraduate Laboratory Internship	88.56	895.00	0.00	895.00	983.56
		2016	25400	KL1001000, Science Undergraduate Laboratory Internship	0.00	80,000.00	0.00	80,000.00	80,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM	APPR YEAR	OBJ CLASS	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
	KL-10-02-00-0	2015	25400 KL1002000, Community College Internship Program	175.59	10,503.00	0.00	10,503.00	10,678.59
		2016	25400 KL1002000, Community College Internship Program	0.00	60,000.00	0.00	60,000.00	60,000.00
	KL-10-03-00-0	2015	25400 KL1003000, Visiting Faculty Program	25,279.92	(11,398.00)	0.00	(11,398.00)	13,881.92
WA	KL-10-03-00-0	2016	25400 KL1003000, Visiting Faculty Program	0.00	80,000.00	0.00	80,000.00	80,000.00
	KL-15-00-00-0	2014	25400 KL1500000, Outreach	378,374.98	0.00	0.00	0.00	378,374.98
	KS-01-01-00-0	2005	25400 KS0101000, Accelerator and Experimental Facilities Research	132,140.62	0.00	0.00	0.00	132,140.62

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT B&R REPORTING APPR YEAR PROGRAM TASK NUMBER BUDGET REFERENCE NUMBER/OBJ CLASS	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
CONSTRUCTION					
WA 39-KA-00-00-0 2014 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE					
PRN11SC40000/32001	1,898,311.85	0.00	0.00	0.00	1,898,311.85
2014 39KA00000PRN11SC41000, Muon to Electron Conversion Experimen					
PRN11SC41000/32001	10,144,217.50	0.00	0.00	0.00	10,144,217.50
2015 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE					
PRN11SC40000/32001	7,791,000.00	0.00	0.00	0.00	7,791,000.00
2015 39KA00000PRN11SC41000, Muon to Electron Conversion Experimen					
PRN11SC41000/32001	25,000,000.00	0.00	0.00	0.00	25,000,000.00
2016 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE					
PRN11SC40000/32001	0.00	12,849,600.00	0.00	12,849,600.00	12,849,600.00
2016 39KA00000PRN11SC41000, Muon to Electron Conversion Experimen					
PRN11SC41000/32001	0.00	38,733,801.00	0.00	38,733,801.00	38,733,801.00
39-KG-02-00-0 2014 39KG02000PRN13SC70000, Utilities Upgrade at FNAL					
PRN13SC70000/32001	26,390,598.55	0.00	0.00	0.00	26,390,598.55

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING ORDER NUMBER	APPR YEAR	CLASS	OBJ	BEGINNING UNCOSTED OBLIGATIONS	BUDGET AUTHORITY (BA) NEW BA PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
REIMBURSABLE WORK									
2W	45-61-60-03-2	2015	25400	456160032, Industry - Foreign					
	AGRCRADA20150001			CHAGRCRADA20150001	15,560.39	0.00	0.00	0.00	15,560.39
	AGRSPP20150003			CHAGRSPP20150003	6,108.14	0.00	0.00	0.00	6,108.14
	AGRWFO20140018			CHAGRWFO20140018	1,701.26	0.00	0.00	0.00	1,701.26
				TOTAL B&R REPORTING 45-61-60-03-2	23,369.79	0.00	0.00	0.00	23,369.79
	45-61-60-03-2	2016	25400	456160032, Industry - Foreign					
	AGRCRADA20150290			CHAGRCRADA20150290	0.00	13,084.92	0.00	13,084.92	13,084.92
	AGRCRADA20150302			CHAGRCRADA20150302	0.00	111,039.95	0.00	111,039.95	111,039.95
	AGRSPP20150003			CHAGRSPP20150003	0.00	1,238.74	0.00	1,238.74	1,238.74
	AGRSPP20150014			CHAGRSPP20150014	0.00	2,974.85	0.00	2,974.85	2,974.85
	AGRSPP20150297			CHAGRSPP20150297	0.00	7,678.49	0.00	7,678.49	7,678.49
	AGRSPP20150298			CHAGRSPP20150298	0.00	817,421.36	0.00	817,421.36	817,421.36
	AGRWFO20140018			CHAGRWFO20140018	0.00	31,779.40	0.00	31,779.40	31,779.40
				TOTAL B&R REPORTING 45-61-60-03-2	0.00	985,217.71	0.00	985,217.71	985,217.71
	45-61-60-03-4	2011	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO02001			CH AGRWFO02001	1,228.57	(274.94)	0.00	(274.94)	953.63
				TOTAL B&R REPORTING 45-61-60-03-4	1,228.57	(274.94)	0.00	(274.94)	953.63
	45-61-60-03-4	2012	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO02001			CH AGRWFO02001	2,158.47	(2,158.47)	0.00	(2,158.47)	0.00
				TOTAL B&R REPORTING 45-61-60-03-4	2,158.47	(2,158.47)	0.00	(2,158.47)	0.00
	45-61-60-03-4	2014	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO02001			CH AGRWFO02001	1,880.80	(1,880.80)	0.00	(1,880.80)	0.00
			25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO20130003			CHAGRWFO20130003	8,829.00	0.00	0.00	0.00	8,829.00
				TOTAL B&R REPORTING 45-61-60-03-4	10,709.80	(1,880.80)	0.00	(1,880.80)	8,829.00
	45-61-60-03-4	2015	25400	456160034, State And Local Governments And Non-Profit Organi					

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING ORDER NUMBER	APPR YEAR	CLASS	OBJ	BEGINNING UNCOSTED OBLIGATIONS	BUDGET AUTHORITY (BA) NEW BA PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
2W	45-61-60-03-4	2015	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRCRADA20120001			CHAGRCRADA20120001	152,094.31	0.00	0.00	0.00	152,094.31
	AGRCRADA20140008			CHAGRCRADA20140008	165.93	0.00	0.00	0.00	165.93
2W	45-61-60-03-4	2015	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRCRADA20140013			CHAGRCRADA20140013	14,613.50	(13,838.44)	0.00	(13,838.44)	775.06
	AGRSPP20150006			CHAGRSPP20150006	42,342.00	0.00	0.00	0.00	42,342.00
	AGRWFO02001			CH AGRWFO02001	561.59	(561.59)	0.00	(561.59)	0.00
	AGRWFO20130002			CHAGRWFO20130002	122,641.55	0.00	0.00	0.00	122,641.55
	AGRWFO20130003			CHAGRWFO20130003	7.40	0.00	0.00	0.00	7.40
	AGRWFO20130014			CHAGRWFO20130014	18,847.65	0.00	0.00	0.00	18,847.65
				TOTAL B&R REPORTING 45-61-60-03-4	351,273.93	(14,400.03)	0.00	(14,400.03)	336,873.90
	45-61-60-03-4	2016	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRCRADA20160010			CHAGRCRADA20160010	0.00	82,627.00	0.00	82,627.00	82,627.00
	AGRSPP20150006			CHAGRSPP20150006	0.00	85,208.00	0.00	85,208.00	85,208.00
	AGRWFO02001			CH AGRWFO02001	0.00	0.00	0.00	0.00	0.00
	AGRWFO20130011			CHAGRWFO20130011	0.00	40.00	0.00	40.00	40.00
				TOTAL B&R REPORTING 45-61-60-03-4	0.00	167,875.00	0.00	167,875.00	167,875.00
	45-61-60-03-6	2015	25400	456160036, Universities And Institutes					
	AGRCRADA20140022			CHAGRCRADA20140022	5,723.73	0.00	0.00	0.00	5,723.73
			25400	456160036, Universities And Institutes					
	AGRWFO20140005			CHAGRWFO20140005	1,792.31	0.00	0.00	0.00	1,792.31
				TOTAL B&R REPORTING 45-61-60-03-6	7,516.04	0.00	0.00	0.00	7,516.04
	45-61-60-03-6	2016	25400	456160036, Universities And Institutes					
	AGRCRADA20140022			CHAGRCRADA20140022	0.00	25,592.27	0.00	25,592.27	25,592.27
	AGRCRADA20150289			CHAGRCRADA20150289	0.00	57,707.00	0.00	57,707.00	57,707.00
	AGRSPP20150288			CHAGRSPP20150288	0.00	6,250.00	0.00	6,250.00	6,250.00
	AGRSPP20160001			CHAGRSPP20160001	0.00	150,089.00	0.00	150,089.00	150,089.00
				TOTAL B&R REPORTING 45-61-60-03-6	0.00	239,638.27	0.00	239,638.27	239,638.27
	45-61-60-03-7	2015	25400	456160037, Other					
	AGRCRADA20150008			CHAGRCRADA20150008	30,000.00	0.00	0.00	0.00	30,000.00
			25400	456160037, Other					
	AGRCRADA20150012			CHAGRCRADA20150012	30,026.19	0.00	0.00	0.00	30,026.19

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 12
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING ORDER NUMBER	APPR YEAR	CLASS	OBJ		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
				TOTAL B&R REPORTING	45-61-60-03-7	60,026.19	0.00	0.00	0.00	60,026.19
2W	45-61-60-03-7	2016	25400	456160037, Other						
	AGRCRADA20150010			CHAGRCRADA20150010		0.00	60,000.00	0.00	60,000.00	60,000.00
	AGRCRADA20150012			CHAGRCRADA20150012		0.00	6,000.00	0.00	6,000.00	6,000.00
	AGRCRADA20150078			CHAGRCRADA20150078		0.00	4,910.64	0.00	4,910.64	4,910.64
	AGRSPP20150011			CHAGRSPP20150011		0.00	4,563.38	0.00	4,563.38	4,563.38
	AGRSPP20150291			CHAGRSPP20150291		0.00	59,091.00	0.00	59,091.00	59,091.00
	AGRSPP20150292			CHAGRSPP20150292		0.00	2,466.00	0.00	2,466.00	2,466.00
	AGRSPP20150296			CHAGRSPP20150296		0.00	5,721.17	0.00	5,721.17	5,721.17
				TOTAL B&R REPORTING	45-61-60-03-7	0.00	142,752.19	0.00	142,752.19	142,752.19
3W	45-61-40-19-6	2010	25400	456140196, NASA Other						
	AGRNNG10FC45I			CHAGRNNG10FC45I		8,092.80	(8,092.80)	0.00	(8,092.80)	0.00
				TOTAL B&R REPORTING	45-61-40-19-6	8,092.80	(8,092.80)	0.00	(8,092.80)	0.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
SUMMARY

	BUDGET AUTHORITY (BA)				
	BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
OPERATING EXPENSES	107,868,461.53	255,853,829.66	10,456,964.00	266,310,793.66	374,179,255.19
CAPITAL EQUIPMENT	7,716,813.47	31,405,776.81	3,158,301.00	34,564,077.81	42,280,891.28
CONSTRUCTION	97,274,705.70	78,951,847.53	741,582.00	79,693,429.53	176,968,135.23
REIMBURSABLE WORK	464,375.59	1,508,676.13	75,000.00	1,583,676.13	2,048,051.72
GRAND TOTAL	213,324,356.29	367,720,130.13	14,431,847.00	382,151,977.13	595,476,333.42

Certification of Funds Availability:

Ronnie Mylnoden 7/26/16

Certifying Official Date

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
HQ B&R CONTROL SUMMARY

APPROPRIATION YEAR FT	HQ B&R CONTROL	BUDGET REFERENCE NUMBER		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
89X0222 2005 General Science and Research Activities, Oper								
WA	KS-01-00-00-0		KS0100000 - Research, Development And Operations	132,140.62	0.00	0.00	0.00	132,140.62
89X0222 2010 General Science and Research Activities, Reim								
3W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	8,092.80	(8,092.80)	0.00	(8,092.80)	0.00
89X0222 2011 General Science and Research Activities, Reim								
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	1,228.57	(274.94)	0.00	(274.94)	953.63
WA	KA-00-00-00-0		KA0000000, High Energy Physics	610,554.25	0.00	0.00	0.00	610,554.25
89X0222 2012 General Science and Research Activities, Reim								
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	2,158.47	(2,158.47)	0.00	(2,158.47)	0.00
WA	KA-00-00-00-0		KA0000000, High Energy Physics	363,962.44	0.00	0.00	0.00	363,962.44
	KB-00-00-00-0		KB0000000 - Nuclear Physics	488.62	0.00	0.00	0.00	488.62
89X0222 2013 General Science and Research Activities, Oper								
	KA-00-00-00-0		KA0000000, High Energy Physics	1,358,878.50	0.00	0.00	0.00	1,358,878.50
	KJ-00-00-00-0		KJ0000000 - Advanced Scientific Computing Research	23,076.09	0.00	0.00	0.00	23,076.09
89X0222 2014 General Science and Research Activities, Oper								
	39-KA-00-00-0	PRN11SC40000	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	1,898,311.85	0.00	0.00	0.00	1,898,311.85
	39-KA-00-00-0	PRN11SC41000	39KA00000PRN11SC41000, Muon to Electron Coversion Experiment	10,144,217.50	0.00	0.00	0.00	10,144,217.50
	39-KG-02-00-0	PRN13SC70000	39KG02000PRN13SC70000, Utilities Upgrade at FNAL	26,390,598.55	0.00	0.00	0.00	26,390,598.55
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	10,709.80	(1,880.80)	0.00	(1,880.80)	8,829.00
WA	KA-00-00-00-0		KA0000000, High Energy Physics	6,329,073.75	0.00	0.00	0.00	6,329,073.75
	KB-00-00-00-0		KB0000000 - Nuclear Physics	499,912.60	0.00	0.00	0.00	499,912.60
	KC-00-00-00-0		KC0000000, Basic Energy Sciences	38,106.21	0.00	0.00	0.00	38,106.21
	KJ-00-00-00-0		KJ0000000 - Advanced Scientific Computing Research	31,572.55	0.00	0.00	0.00	31,572.55
	KL-00-00-00-0		KL0000000 - Workforce Development for Teachers and Scientist	378,374.98	0.00	0.00	0.00	378,374.98
89X0222 2015 General Science and Research Activities, Oper								
	39-KA-00-00-0	PRN11SC40000	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	7,791,000.00	0.00	0.00	0.00	7,791,000.00
	39-KA-00-00-0	PRN11SC41000	39KA00000PRN11SC41000, Muon to Electron Coversion Experiment	25,000,000.00	0.00	0.00	0.00	25,000,000.00
2W	45-61-00-00-0		456100000, Allottee 61 CH-Reimbursable Work	442,185.95	(14,400.03)	0.00	(14,400.03)	427,785.92
WA	FS-10-00-00-0		FS1000000 - Safeguards and Security - Science	995,880.85	0.00	0.00	0.00	995,880.85
	KA-00-00-00-0		KA0000000, High Energy Physics	127,957,162.85	(513,000.00)	0.00	(513,000.00)	127,444,162.85
	KB-00-00-00-0		KB0000000 - Nuclear Physics	567,465.10	0.00	0.00	0.00	567,465.10
	KC-00-00-00-0		KC0000000, Basic Energy Sciences	539,779.51	0.00	0.00	0.00	539,779.51
	KJ-00-00-00-0		KJ0000000 - Advanced Scientific Computing Research	1,771,457.66	0.00	0.00	0.00	1,771,457.66
	KL-00-00-00-0		KL0000000 - Workforce Development for Teachers and Scientist	25,544.07	0.00	0.00	0.00	25,544.07
89X0222 2016 General Science and Research Activities, Oper								
	39-KA-00-00-0	PRN11SC40000	39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	0.00	12,849,600.00	(720,000.00)	12,129,600.00	12,129,600.00
	39-KA-00-00-0	PRN11SC41000	39KA00000PRN11SC41000, Muon to Electron Coversion Experiment	0.00	38,733,801.00	1,366,199.00	40,100,000.00	40,100,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
HQ B&R CONTROL SUMMARY

APPROPRIATION YEAR FT	HQ B&R CONTROL	BUDGET REFERENCE NUMBER	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
89X0222 2016 General Science and Research Activities, Oper							
2W	45-61-00-00-0	456100000, Allottee 61 CH-Reimbursable Work	0.00	1,535,483.17	75,000.00	1,610,483.17	1,610,483.17
WA	FS-10-00-00-0	FS1000000 - Safeguards and Security - Science	0.00	5,100,000.00	163,000.00	5,263,000.00	5,263,000.00
	KA-00-00-00-0	KA0000000, High Energy Physics	0.00	300,557,151.00	13,166,550.00	313,723,701.00	313,723,701.00
	KB-00-00-00-0	KB0000000 - Nuclear Physics	0.00	25,000.00	0.00	25,000.00	25,000.00
	KC-00-00-00-0	KC0000000, Basic Energy Sciences	0.00	165,000.00	0.00	165,000.00	165,000.00
	KG-07-00-00-0	KG0700000, Facilities and Infrastructure	0.00	8,693,902.00	306,098.00	9,000,000.00	9,000,000.00
	KJ-00-00-00-0	KJ0000000 - Advanced Scientific Computing Research	0.00	80,000.00	0.00	80,000.00	80,000.00
	KL-00-00-00-0	KL0000000 - Workforce Development for Teachers and Scientist	0.00	220,000.00	0.00	220,000.00	220,000.00
89X0243 2014 Materials Production and Other Defense Progra							
TF	HQ-00-00-00-0	HQ0000000	7,422.15	0.00	0.00	0.00	7,422.15
89X0243 2015 Materials Production and Other Defense Progra							
	HQ-00-00-00-0	HQ0000000	5,000.00	0.00	0.00	0.00	5,000.00
89X0309 2016 Defense Nuclear Nonproliferation							
NS	DN-10-02-00-0	DN1002000, Radiological Security	0.00	300,000.00	0.00	300,000.00	300,000.00
89X0321 2016 Energy Efficiency and Renewable Energy							
ZA	ED-00-00-00-0	ED0000000 - Industry Sector - Total	0.00	0.00	75,000.00	75,000.00	75,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM	APPR YEAR	OBJ CLASS		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
OPERATING EXPENSES									
NS	DN-10-02-01-0	2016	25400	DN1002010, Domestic Radiological Material Removal	0.00	0.00	0.00	0.00	0.00
	DN-10-02-02-0	2016	25400	DN1002020, Domestic Material Protection	0.00	300,000.00	0.00	300,000.00	300,000.00
TF	HQ-10-01-00-0	2014	25400	HQ1001000, Worker Advocacy	7,422.15	0.00	0.00	0.00	7,422.15
		2015	25400	HQ1001000, Worker Advocacy	5,000.00	0.00	0.00	0.00	5,000.00
WA	FS-10-01-00-0	2015	25400	FS1001000, Protective Forces	384,296.77	0.00	0.00	0.00	384,296.77
		2016	25400	FS1001000, Protective Forces	0.00	1,621,000.00	57,000.00	1,678,000.00	1,678,000.00
	FS-10-02-00-0	2015	25400	FS1002000, Security Systems	186,209.57	0.00	0.00	0.00	186,209.57
		2016	25400	FS1002000, Security Systems	0.00	595,000.00	21,000.00	616,000.00	616,000.00
	FS-10-04-00-0	2016	25400	FS1004000, Information Security	0.00	470,000.00	0.00	470,000.00	470,000.00
	FS-10-05-00-0	2015	25400	FS1005000, Cyber Security	371,864.74	0.00	0.00	0.00	371,864.74
		2016	25400	FS1005000, Cyber Security	0.00	2,148,000.00	76,000.00	2,224,000.00	2,224,000.00
	FS-10-07-00-0	2015	25400	FS1007000, Material Control and Accountability	42,694.89	0.00	0.00	0.00	42,694.89
		2016	25400	FS1007000, Material Control and Accountability	0.00	64,000.00	2,000.00	66,000.00	66,000.00
	FS-10-09-00-0	2015	25400	FS1009000, Program Management	10,814.88	0.00	0.00	0.00	10,814.88
		2016	25400	FS1009000, Program Management	0.00	202,000.00	7,000.00	209,000.00	209,000.00
	KA-11-02-03-4	2012	25400	KA1102034, Proton Facilities - Projects, Future Facility R&D	152,739.14	(152,739.14)	0.00	(152,739.14)	0.00
	KA-15-02-02-1	2012	25400	KA1502021, Advanced Technology Research, Accelerator Develop	191,704.12	(191,704.12)	0.00	(191,704.12)	0.00
	KA-21-01-02-0	2015	25400	KA2101020, National Laboratories	7,899,311.39	0.00	0.00	0.00	7,899,311.39
		2016	25400	KA2101020, National Laboratories	0.00	16,933,650.00	766,350.00	17,700,000.00	17,700,000.00
	OPEMIE30YB	2015	25400	KA2101020, National Laboratories	266,672.72	0.00	0.00	0.00	266,672.72
	KA-21-01-03-0	2013	25400	KA2101030, University Service Accounts	93,073.76	0.00	0.00	0.00	93,073.76
		2014	25400	KA2101030, University Service Accounts	223,000.00	0.00	0.00	0.00	223,000.00
		2015	25400	KA2101030, University Service Accounts	362,000.00	0.00	0.00	0.00	362,000.00
	KA-21-02-02-2	2015	25400	KA2102022, CMS Detector and Computing Support	13,013,363.27	0.00	0.00	0.00	13,013,363.27
		2016	25400	KA2102022, CMS Detector and Computing Support	0.00	24,301,800.00	1,118,200.00	25,420,000.00	25,420,000.00
	KA-21-03-01-1 EQUMIE30YB	2015	31001	KA2103011, MIE	1,554,107.17	0.00	0.00	0.00	1,554,107.17
	EQUMIE30YB	2016	31001	KA2103011, MIE	0.00	9,088,650.00	411,350.00	9,500,000.00	9,500,000.00
	OPEMIE61BL	2016	25400	KA2103011, MIE	0.00	120,000.00	0.00	120,000.00	120,000.00
	OPEMIE61BN	2016	25400	KA2103011, MIE	0.00	500,000.00	0.00	500,000.00	500,000.00
	KA-22-01-02-0	2015	25400	KA2201020, National Laboratories	3,061,382.53	0.00	0.00	0.00	3,061,382.53
		2016	25400	KA2201020, National Laboratories	0.00	16,052,505.00	703,495.00	16,756,000.00	16,756,000.00
	KA-22-01-03-0	2015	25400	KA2201030, University Service Accounts	202,250.43	0.00	0.00	0.00	202,250.43
		2016	25400	KA2201030, University Service Accounts	0.00	410,000.00	0.00	410,000.00	410,000.00
	KA-22-02-01-0	2015	25400	KA2202010, Experimental Operations and Support	234,405.69	0.00	0.00	0.00	234,405.69
		2016	25400	KA2202010, Experimental Operations and Support	0.00	597,963.00	27,037.00	625,000.00	625,000.00
	KA-22-02-02-1	2015	25400	KA2202021, Accelerator Operations	14,574,924.17	0.00	0.00	0.00	14,574,924.17
		2016	25400	KA2202021, Accelerator Operations	0.00	67,021,663.00	1,533,337.00	68,555,000.00	68,555,000.00
	AIP	2015	32003	KA2202021, Accelerator Operations	8,677,442.03	0.00	0.00	0.00	8,677,442.03
	AIP	2016	32003	KA2202021, Accelerator Operations	0.00	8,323,250.00	(323,250.00)	8,000,000.00	8,000,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM		APPR YEAR	OBJ CLASS		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
		EQU	2015	31003	KA2202021, Accelerator Operations	1,004,052.91	0.00	0.00	0.00	1,004,052.91
		EQU	2016	31003	KA2202021, Accelerator Operations	0.00	9,303,937.00	2,221,063.00	11,525,000.00	11,525,000.00
	KA-22-02-02-2		2015	25400	KA2202022, Detector and Computing	13,077,217.85	0.00	0.00	0.00	13,077,217.85
WA	KA-22-02-02-2		2016	25400	KA2202022, Detector and Computing	0.00	30,654,535.00	1,787,465.00	32,442,000.00	32,442,000.00
		EQU	2011	31003	KA2202022, Detector and Computing	325,840.17	(325,840.17)	0.00	(325,840.17)	0.00
	KA-22-02-02-3		2013	25400	KA2202023, Other Complex Support	23,534.43	0.00	0.00	0.00	23,534.43
		EQU	2012	31003	KA2202023, Other Complex Support	19,519.18	(19,519.18)	0.00	(19,519.18)	0.00
		GPP	2011	32002	KA2202023, Other Complex Support	0.00	610,554.25	0.00	610,554.25	610,554.25
		GPP	2012	32002	KA2202023, Other Complex Support	0.00	363,962.44	0.00	363,962.44	363,962.44
		GPP	2013	32002	KA2202023, Other Complex Support	0.00	329,312.84	0.00	329,312.84	329,312.84
		GPP	2014	32002	KA2202023, Other Complex Support	4,910,135.77	0.00	0.00	0.00	4,910,135.77
		GPP	2015	32002	KA2202023, Other Complex Support	12,463,000.00	0.00	0.00	0.00	12,463,000.00
		GPP	2016	32002	KA2202023, Other Complex Support	0.00	9,047,465.00	112,535.00	9,160,000.00	9,160,000.00
	KA-22-02-81-1		2014	25400	KA2202811, Special Process Spares	712,334.75	0.00	0.00	0.00	712,334.75
			2015	25400	KA2202811, Special Process Spares	3,257,466.78	0.00	0.00	0.00	3,257,466.78
			2016	25400	KA2202811, Special Process Spares	0.00	1,052,350.00	47,650.00	1,100,000.00	1,100,000.00
	KA-22-02-81-2		2015	25400	KA2202812, Common Use Stores	175,983.07	0.00	0.00	0.00	175,983.07
	KA-22-03-01-1	EQUMIE01VK	2013	31001	KA2203011, MIE	329,312.84	(329,312.84)	0.00	(329,312.84)	0.00
		EQUMIE30YC	2015	31001	KA2203011, MIE	3,583,981.20	2,400,000.00	0.00	2,400,000.00	5,983,981.20
		EQUMIE30YC	2016	31001	KA2203011, MIE	0.00	9,758,300.00	441,700.00	10,200,000.00	10,200,000.00
		OPEMIE01VK	2011	25400	KA2203011, MIE	284,714.08	(284,714.08)	0.00	(284,714.08)	0.00
		OPEMIE30YC	2015	25400	KA2203011, MIE	2,678,666.04	(2,400,000.00)	0.00	(2,400,000.00)	278,666.04
	KA-22-03-01-2	OPELBNE	2015	25400	KA2203012, Line Item OPC	2,256,930.43	0.00	0.00	0.00	2,256,930.43
		OPELBNE	2016	25400	KA2203012, Line Item OPC	0.00	86,400.00	0.00	86,400.00	86,400.00
		OPEMu2E	2013	25400	KA2203012, Line Item OPC	912,957.47	0.00	0.00	0.00	912,957.47
		P-II	2016	25400	KA2203012, Line Item OPC	0.00	17,934,913.00	780,087.00	18,715,000.00	18,715,000.00
	KA-22-03-02-0		2015	25400	KA2203020, Future Project R&D	8,025,845.92	0.00	0.00	0.00	8,025,845.92
			2016	25400	KA2203020, Future Project R&D	0.00	6,655,100.00	129,900.00	6,785,000.00	6,785,000.00
	KA-23-01-02-0		2015	25400	KA2301020, National Laboratories	3,185,107.56	0.00	0.00	0.00	3,185,107.56
			2016	25400	KA2301020, National Laboratories	0.00	7,476,613.00	288,387.00	7,765,000.00	7,765,000.00
	KA-23-02-01-0		2014	25400	KA2302010, Experimental Operations and Support	187,860.93	0.00	0.00	0.00	187,860.93
			2015	25400	KA2302010, Experimental Operations and Support	3,000,000.00	0.00	0.00	0.00	3,000,000.00
			2016	25400	KA2302010, Experimental Operations and Support	0.00	2,278,688.00	96,312.00	2,375,000.00	2,375,000.00
	KA-23-03-01-1	EQUMIE51AB	2016	31001	KA2303011, MIE	0.00	1,529,562.00	69,188.00	1,598,750.00	1,598,750.00
		OPEMIE41ZA	2015	25400	KA2303011, MIE	81,297.20	0.00	0.00	0.00	81,297.20
		OPEMIE51AB	2015	25400	KA2303011, MIE	136,610.56	0.00	0.00	0.00	136,610.56
		OPEMIE51AB	2016	25400	KA2303011, MIE	0.00	375,000.00	0.00	375,000.00	375,000.00
	KA-23-03-02-0		2014	25400	KA2303020, Future Project R&D	295,397.46	0.00	0.00	0.00	295,397.46
			2015	25400	KA2303020, Future Project R&D	80,000.00	0.00	0.00	0.00	80,000.00
			2016	25400	KA2303020, Future Project R&D	0.00	360,000.00	50,000.00	410,000.00	410,000.00
	KA-24-01-01-2		2015	25400	KA2401012, National Laboratories	2,183,342.01	0.00	0.00	0.00	2,183,342.01
			2016	25400	KA2401012, National Laboratories	0.00	8,131,950.00	368,050.00	8,500,000.00	8,500,000.00
	KA-24-01-01-9		2015	25400	KA2401019, Other Research	19,298.30	0.00	0.00	0.00	19,298.30
			2016	25400	KA2401019, Other Research	0.00	48,000.00	0.00	48,000.00	48,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM	APPR YEAR	OBJ CLASS		BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
	KA-24-01-02-1	2015	25400	KA2401021, Scientific Discovery through Advanced Computing (	1,784,113.92	0.00	0.00	0.00	1,784,113.92
		2016	25400	KA2401021, Scientific Discovery through Advanced Computing (	0.00	2,023,462.00	91,538.00	2,115,000.00	2,115,000.00
	KA-24-01-02-2	2015	25400	KA2401022, Scientific Computing	987,980.48	0.00	0.00	0.00	987,980.48
WA	KA-24-01-02-2	2016	25400	KA2401022, Scientific Computing	0.00	2,006,485.00	199,695.00	2,206,180.00	2,206,180.00
	KA-24-03-01-3	2014	25400	KA2403013, Other Projects	344.84	0.00	0.00	0.00	344.84
		2015	25400	KA2403013, Other Projects	7,319.47	0.00	0.00	0.00	7,319.47
		2016	25400	KA2403013, Other Projects	0.00	1,033,200.00	46,800.00	1,080,000.00	1,080,000.00
	KA-25-01-01-2	2015	25400	KA2501012, National Laboratories	6,559,490.09	(513,000.00)	0.00	(513,000.00)	6,046,490.09
		2016	25400	KA2501012, National Laboratories	0.00	11,795,138.00	565,362.00	12,360,500.00	12,360,500.00
	KA-25-01-02-1	2015	25400	KA2501021, LHC Accelerator Research	2,536,776.88	0.00	0.00	0.00	2,536,776.88
		2016	25400	KA2501021, LHC Accelerator Research	0.00	6,591,084.00	303,787.00	6,894,871.00	6,894,871.00
	KA-25-01-02-2	2015	25400	KA2501022, Muon Accelerators	2,180,040.41	0.00	0.00	0.00	2,180,040.41
		2016	25400	KA2501022, Muon Accelerators	0.00	3,616,320.00	163,680.00	3,780,000.00	3,780,000.00
	KA-25-01-03-2	2015	25400	KA2501032, National Laboratories	2,381,694.81	0.00	0.00	0.00	2,381,694.81
		2016	25400	KA2501032, National Laboratories	0.00	4,163,560.00	188,440.00	4,352,000.00	4,352,000.00
	KA-25-02-01-0	2015	25400	KA2502010, Accelerator Infrastructure and Test Facilities	4,581,175.98	0.00	0.00	0.00	4,581,175.98
		2016	25400	KA2502010, Accelerator Infrastructure and Test Facilities	0.00	16,884,808.00	689,192.00	17,574,000.00	17,574,000.00
	KA-25-02-02-0	2015	25400	KA2502020, Detector Infrastructure and Test Facilities	733,256.35	0.00	0.00	0.00	733,256.35
		2016	25400	KA2502020, Detector Infrastructure and Test Facilities	0.00	4,400,800.00	184,200.00	4,585,000.00	4,585,000.00
	EQU	2015	31003	KA2502020, Detector Infrastructure and Test Facilities	900,000.00	0.00	0.00	0.00	900,000.00
	EQU	2016	31003	KA2502020, Detector Infrastructure and Test Facilities	0.00	0.00	15,000.00	15,000.00	15,000.00
	KA-26-01-02-0	2015	25400	KA2601020, National Laboratories	154.40	0.00	0.00	0.00	154.40
		2016	25400	KA2601020, National Laboratories	0.00	0.00	90,000.00	90,000.00	90,000.00
	KA-26-02-01-0	2015	25400	KA2602010, Accelerator Operations and Support	250,500.83	0.00	0.00	0.00	250,500.83
	KB-02-01-02-2	2012	25400	KB0201022, Other National Laboratory Research	488.62	0.00	0.00	0.00	488.62
		2015	25400	KB0201022, Other National Laboratory Research	25,000.00	0.00	0.00	0.00	25,000.00
		2016	25400	KB0201022, Other National Laboratory Research	0.00	25,000.00	0.00	25,000.00	25,000.00
	KB-02-01-05-2	2014	25400	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	499,912.60	0.00	0.00	0.00	499,912.60
		2015	25400	KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	500,000.00	0.00	0.00	0.00	500,000.00
	KB-03-01-02-0	2015	25400	KB0301020, National Laboratory Research	42,465.10	0.00	0.00	0.00	42,465.10
	KC-04-01-02-0	2015	25400	KC0401020, Advanced Photon Source (ANL)	248,337.01	0.00	0.00	0.00	248,337.01
		2016	25400	KC0401020, Advanced Photon Source (ANL)	0.00	60,000.00	0.00	60,000.00	60,000.00
	KC-04-01-04-0	2015	25400	KC0401040, National Synchrotron Light Source II (BNL)	246,442.50	0.00	0.00	0.00	246,442.50
		2016	25400	KC0401040, National Synchrotron Light Source II (BNL)	0.00	60,000.00	0.00	60,000.00	60,000.00
	KC-04-06-02-0	2014	25400	KC0406020, Accelerator and Detector Research	38,106.21	0.00	0.00	0.00	38,106.21
		2015	25400	KC0406020, Accelerator and Detector Research	45,000.00	0.00	0.00	0.00	45,000.00
		2016	25400	KC0406020, Accelerator and Detector Research	0.00	45,000.00	0.00	45,000.00	45,000.00
	KG-07-01-00-0 GPP	2016	32002	KG0701000, Facilities and Infrastructure	0.00	8,693,902.00	306,098.00	9,000,000.00	9,000,000.00
	KJ-04-03-00-0	2014	25400	KJ0403000, Computational Partnerships	31,572.55	0.00	0.00	0.00	31,572.55
		2015	25400	KJ0403000, Computational Partnerships	230,000.00	0.00	0.00	0.00	230,000.00
	KJ-04-04-00-0	2015	25400	KJ0404000, Next Generation Networking for Science	1,418,457.66	0.00	0.00	0.00	1,418,457.66
		2016	25400	KJ0404000, Next Generation Networking for Science	0.00	80,000.00	0.00	80,000.00	80,000.00
	KJ-05-03-00-0	2015	25400	KJ0503000, Research and Evaluation Prototypes	123,000.00	0.00	0.00	0.00	123,000.00
	KJ-05-04-00-0	2013	25400	KJ0504000, High Performance Network Facilities and Testbeds	23,076.09	0.00	0.00	0.00	23,076.09

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING/BUD REF NUM	APPR YEAR	OBJ CLASS	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
	KL-10-01-00-0	2015	25400 KL1001000, Science Undergraduate Laboratory Internship	88.56	895.00	0.00	895.00	983.56
		2016	25400 KL1001000, Science Undergraduate Laboratory Internship	0.00	80,000.00	0.00	80,000.00	80,000.00
	KL-10-02-00-0	2015	25400 KL1002000, Community College Internship Program	175.59	10,503.00	0.00	10,503.00	10,678.59
WA	KL-10-02-00-0	2016	25400 KL1002000, Community College Internship Program	0.00	60,000.00	0.00	60,000.00	60,000.00
	KL-10-03-00-0	2015	25400 KL1003000, Visiting Faculty Program	25,279.92	(11,398.00)	0.00	(11,398.00)	13,881.92
		2016	25400 KL1003000, Visiting Faculty Program	0.00	80,000.00	0.00	80,000.00	80,000.00
	KL-15-00-00-0	2014	25400 KL1500000, Outreach	378,374.98	0.00	0.00	0.00	378,374.98
	KS-01-01-00-0	2005	25400 KS0101000, Accelerator and Experimental Facilities Research	132,140.62	0.00	0.00	0.00	132,140.62
ZA	ED-27-01-00-0	2016	25400 ED2701000, Next Generation Manufacturing	0.00	0.00	75,000.00	75,000.00	75,000.00

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT B&R REPORTING APPR YEAR PROGRAM TASK NUMBER BUDGET REFERENCE NUMBER/OBJ CLASS	BUDGET AUTHORITY (BA) BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
CONSTRUCTION					
WA 39-KA-00-00-0 2014 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE PRN11SC40000/32001	1,898,311.85	0.00	0.00	0.00	1,898,311.85
2014 39KA00000PRN11SC41000, Muon to Electron Conversion Experimen PRN11SC41000/32001	10,144,217.50	0.00	0.00	0.00	10,144,217.50
2015 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE PRN11SC40000/32001	7,791,000.00	0.00	0.00	0.00	7,791,000.00
2015 39KA00000PRN11SC41000, Muon to Electron Conversion Experimen PRN11SC41000/32001	25,000,000.00	0.00	0.00	0.00	25,000,000.00
2016 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE PRN11SC40000/32001	0.00	12,849,600.00	(720,000.00)	12,129,600.00	12,129,600.00
2016 39KA00000PRN11SC41000, Muon to Electron Conversion Experimen PRN11SC41000/32001	0.00	38,733,801.00	1,366,199.00	40,100,000.00	40,100,000.00
39-KG-02-00-0 2014 39KG02000PRN13SC70000, Utilities Upgrade at FNAL PRN13SC70000/32001	26,390,598.55	0.00	0.00	0.00	26,390,598.55

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING ORDER NUMBER	APPR YEAR	CLASS	OBJ	BEGINNING UNCOSTED OBLIGATIONS	BUDGET AUTHORITY (BA) NEW BA PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
REIMBURSABLE WORK									
2W	45-61-60-03-2	2015	25400	456160032, Industry - Foreign					
	AGRCRADA20150001			CHAGRCRADA20150001	15,560.39	0.00	0.00	0.00	15,560.39
	AGRSPP20150003			CHAGRSPP20150003	6,108.14	0.00	0.00	0.00	6,108.14
	AGRWFO20140018			CHAGRWFO20140018	1,701.26	0.00	0.00	0.00	1,701.26
				TOTAL B&R REPORTING 45-61-60-03-2	23,369.79	0.00	0.00	0.00	23,369.79
	45-61-60-03-2	2016	25400	456160032, Industry - Foreign					
	AGRCRADA20150290			CHAGRCRADA20150290	0.00	13,084.92	0.00	13,084.92	13,084.92
	AGRCRADA20150302			CHAGRCRADA20150302	0.00	111,039.95	0.00	111,039.95	111,039.95
	AGRSPP20150003			CHAGRSPP20150003	0.00	1,238.74	0.00	1,238.74	1,238.74
	AGRSPP20150014			CHAGRSPP20150014	0.00	2,974.85	0.00	2,974.85	2,974.85
	AGRSPP20150297			CHAGRSPP20150297	0.00	7,678.49	0.00	7,678.49	7,678.49
	AGRSPP20150298			CHAGRSPP20150298	0.00	817,421.36	0.00	817,421.36	817,421.36
	AGRWFO20140018			CHAGRWFO20140018	0.00	31,779.40	0.00	31,779.40	31,779.40
				TOTAL B&R REPORTING 45-61-60-03-2	0.00	985,217.71	0.00	985,217.71	985,217.71
	45-61-60-03-4	2011	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO02001			CH AGRWFO02001	1,228.57	(274.94)	0.00	(274.94)	953.63
				TOTAL B&R REPORTING 45-61-60-03-4	1,228.57	(274.94)	0.00	(274.94)	953.63
	45-61-60-03-4	2012	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO02001			CH AGRWFO02001	2,158.47	(2,158.47)	0.00	(2,158.47)	0.00
				TOTAL B&R REPORTING 45-61-60-03-4	2,158.47	(2,158.47)	0.00	(2,158.47)	0.00
	45-61-60-03-4	2014	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO02001			CH AGRWFO02001	1,880.80	(1,880.80)	0.00	(1,880.80)	0.00
			25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRWFO20130003			CHAGRWFO20130003	8,829.00	0.00	0.00	0.00	8,829.00
				TOTAL B&R REPORTING 45-61-60-03-4	10,709.80	(1,880.80)	0.00	(1,880.80)	8,829.00
	45-61-60-03-4	2015	25400	456160034, State And Local Governments And Non-Profit Organi					

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING ORDER NUMBER	APPR YEAR	CLASS	OBJ	BEGINNING UNCOSTED OBLIGATIONS	NEW BA PREVIOUS	NEW BA CHANGE	NEW BA REVISED	TOTAL AVAILABLE
					BUDGET AUTHORITY (BA)				
2W	45-61-60-03-4	2015	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRCRADA20120001			CHAGRCRADA20120001	152,094.31	0.00	0.00	0.00	152,094.31
	AGRCRADA20140008			CHAGRCRADA20140008	165.93	0.00	0.00	0.00	165.93
2W	45-61-60-03-4	2015	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRCRADA20140013			CHAGRCRADA20140013	14,613.50	(13,838.44)	0.00	(13,838.44)	775.06
	AGRSPP20150006			CHAGRSPP20150006	42,342.00	0.00	0.00	0.00	42,342.00
	AGRWFO02001			CH AGRWFO02001	561.59	(561.59)	0.00	(561.59)	0.00
	AGRWFO20130002			CHAGRWFO20130002	122,641.55	0.00	0.00	0.00	122,641.55
	AGRWFO20130003			CHAGRWFO20130003	7.40	0.00	0.00	0.00	7.40
	AGRWFO20130014			CHAGRWFO20130014	18,847.65	0.00	0.00	0.00	18,847.65
				TOTAL B&R REPORTING 45-61-60-03-4	351,273.93	(14,400.03)	0.00	(14,400.03)	336,873.90
	45-61-60-03-4	2016	25400	456160034, State And Local Governments And Non-Profit Organi					
	AGRCRADA20160010			CHAGRCRADA20160010	0.00	82,627.00	0.00	82,627.00	82,627.00
	AGRSPP20150006			CHAGRSPP20150006	0.00	85,208.00	0.00	85,208.00	85,208.00
	AGRWFO02001			CH AGRWFO02001	0.00	0.00	0.00	0.00	0.00
	AGRWFO20130011			CHAGRWFO20130011	0.00	40.00	0.00	40.00	40.00
				TOTAL B&R REPORTING 45-61-60-03-4	0.00	167,875.00	0.00	167,875.00	167,875.00
	45-61-60-03-6	2015	25400	456160036, Universities And Institutes					
	AGRCRADA20140022			CHAGRCRADA20140022	5,723.73	0.00	0.00	0.00	5,723.73
			25400	456160036, Universities And Institutes					
	AGRWFO20140005			CHAGRWFO20140005	1,792.31	0.00	0.00	0.00	1,792.31
				TOTAL B&R REPORTING 45-61-60-03-6	7,516.04	0.00	0.00	0.00	7,516.04
	45-61-60-03-6	2016	25400	456160036, Universities And Institutes					
	AGRCRADA20140020			CHAGRCRADA20140020	0.00	0.00	75,000.00	75,000.00	75,000.00
	AGRCRADA20140022			CHAGRCRADA20140022	0.00	25,592.27	0.00	25,592.27	25,592.27
	AGRCRADA20150289			CHAGRCRADA20150289	0.00	57,707.00	0.00	57,707.00	57,707.00
	AGRSPP20150288			CHAGRSPP20150288	0.00	6,250.00	0.00	6,250.00	6,250.00
	AGRSPP20160001			CHAGRSPP20160001	0.00	150,089.00	0.00	150,089.00	150,089.00
				TOTAL B&R REPORTING 45-61-60-03-6	0.00	239,638.27	75,000.00	314,638.27	314,638.27
	45-61-60-03-7	2015	25400	456160037, Other					
	AGRCRADA20150008			CHAGRCRADA20150008	30,000.00	0.00	0.00	0.00	30,000.00
			25400	456160037, Other					

CHICAGO OPERATIONS OFFICE
FY 2016 APPROVED FUNDING PROGRAM NO. 13
CH Fermi Accelerator Laboratory - CONTRACT NO: CH11359
DETAIL

FT	B&R REPORTING ORDER NUMBER	APPR YEAR	CLASS	OBJ	BEGINNING UNCOSTED OBLIGATIONS	BUDGET AUTHORITY (BA) NEW BA PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
2W	45-61-60-03-7	2015	25400	456160037, Other					
	AGRCRADA20150012			CHAGRCRADA20150012	30,026.19	0.00	0.00	0.00	30,026.19
				TOTAL B&R REPORTING 45-61-60-03-7	60,026.19	0.00	0.00	0.00	60,026.19
	45-61-60-03-7	2016	25400	456160037, Other					
	AGRCRADA20150010			CHAGRCRADA20150010	0.00	60,000.00	0.00	60,000.00	60,000.00
	AGRCRADA20150012			CHAGRCRADA20150012	0.00	6,000.00	0.00	6,000.00	6,000.00
	AGRCRADA20150078			CHAGRCRADA20150078	0.00	4,910.64	0.00	4,910.64	4,910.64
	AGRSPP20150011			CHAGRSPP20150011	0.00	4,563.38	0.00	4,563.38	4,563.38
	AGRSPP20150291			CHAGRSPP20150291	0.00	59,091.00	0.00	59,091.00	59,091.00
	AGRSPP20150292			CHAGRSPP20150292	0.00	2,466.00	0.00	2,466.00	2,466.00
	AGRSPP20150296			CHAGRSPP20150296	0.00	5,721.17	0.00	5,721.17	5,721.17
				TOTAL B&R REPORTING 45-61-60-03-7	0.00	142,752.19	0.00	142,752.19	142,752.19
3W	45-61-40-19-6	2010	25400	456140196, NASA Other					
	AGRNNG10FC45I			CHAGRNNG10FC45I	8,092.80	(8,092.80)	0.00	(8,092.80)	0.00
				TOTAL B&R REPORTING 45-61-40-19-6	8,092.80	(8,092.80)	0.00	(8,092.80)	0.00