

2. AMENDMENT/MODIFICATION NO. 0193	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 17SC000603	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY      CODE 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	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC02-07CH11359
		10B. DATED (SEE ITEM 13) 11/01/2006
CODE    626399831	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended.  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)      Net Increase:      \$388,178.12  
SEE APPROVED FUNDING PROGRAM NO. 7; DATED 1/26/2017

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Part II, Section I, Clause I. 119 - DEAR 970.5232-4, OBLIGATION OF FUNDS (DEC 2000)
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not.  is required to sign this document and return \_\_\_\_\_ 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  
As provided in paragraph (a) of Part II, Section I, Clause I.119 - DEAR 970.5232-4, OBLIGATION OF FUNDS (DEC 2000) of the subject contract as initially awarded, the amount obligated hereunder is increased by \$388,178.12 (\$326,000.00 total Appropriated and \$62,178.12 total Non-Appropriated) from a total of \$4,324,416,034.64, to a total of \$4,324,804,212.76.  
Delivery Location Code: 06006  
Fermi Site Office  
US Department of Energy  
Fermi Site Office  
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  _____ (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA Signature on File  _____ (Signature of Contracting Officer)	16C. DATE SIGNED 01/31/2017

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-AC02-07CH11359/0193

PAGE OF  
2 2

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  Mark For: Fermi Site Office US Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510  Payment: Payment - Direct Payment from U.S. Dept of Treasury  FOB: Destination Period of Performance: 01/01/2007 to 12/31/2019  Add Item 00010 as follows:  FOR OFFICIAL USE ONLY Requisition for M&O Contract				
00010	January Financial Modification Obligated Amount: \$326,000.00				326,000.00
	Add Item 00011 as follows:  FOR OFFICIAL USE ONLY Requisition for M&O Contract				
00011	Non-Federal Reimbursable Work (Non-Appropriated) Obligated Amount: \$62,178.12  All security clearances (DOE Form 470.1) were previously approved - no form attached.				62,178.12

Financial Plan Number: 7

Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY  
DOE AFP Local Financial Plan Report

Period Name: JAN-17

PO Number: CH11359

Fund Parent: ALL FUNDS

Fiscal Year: 2017

Reporting Entity:

Allottee:

Run Prior AFP Report?: N

Report Run Type: FINAL

Prior Financial Plan Run Code: CH11359-6

(23-DEC-2016 07:07:23)

To Date:

Report Output Type: FCDS VERSION 2

Report Output: TEXT

Report Date: 26-JAN-17 08:59

Page: 1 of 7

STARS FORMAT - SUMMARY

Category	BUDGET AUTHORITY (BA)				TOTAL AVAILABLE
	OCTADJ1-17 BEGINNING	PREVIOUS	NEW BA CHANGE	REVISED	
	UNCOSTED OBLIGATIONS				
OPERATING EXPENSES	92,513,395.52	169,614,677.86	326,000.00	169,940,677.86	262,454,073.38
CAPITAL EQUIPMENT	6,163,269.09	14,168,322.14	0.00	14,168,322.14	20,271,591.23
CONSTRUCTION	82,380,754.57	39,357,591.00	0.00	39,357,591.00	121,738,345.57
REIMBURSABLE WORK	709,721.60	183,923.01	62,178.12	246,101.13	955,822.73
GRAND TOTAL:	181,767,140.78	223,324,514.01	388,178.12	223,712,692.13	405,419,832.91

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 \* Certification of Funds Availability: \*  
 \* *Catherine Richardson* 1-26-17 \*  
 \* Certifying Official Date \*  
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STARS FORMAT - SUMMARY

FUND/APPR YEAR Parent Program		BUDGET AUTHORITY (BA)				
		OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
		UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	
00500/2005 C001025	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - KS0100000 - Research, Development And Operations	132,170.69	0.00	0.00	0.00	132,170.69
00500/2013 C001018 C002852	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - KJ0000000 - Advanced Scientific Computing Research Parent - CCL - KA0000000, High Energy Physics	5,975.75 666,472.60	0.00 0.00	0.00 0.00	0.00 0.00	5,975.75 666,472.60
00500/2014 C001009 C002913 C001021 C002852	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - KB0000000 - Nuclear Physics Parent - CCL - 39KG000000PRN13SC70000, Utilities Upgrade at FNAL Parent- CCL - KL0000000 - Workforce Development for Teachers and Scientists Parent - CCL - KA0000000, High Energy Physics	259,114.70 10,513,577.57 181,741.72 1,955,149.63	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	259,114.70 10,513,577.57 181,741.72 1,955,149.63
00500/2015 C002852 C002853 C001009 C001018	089-X-0222 - Science Primary Fund (was WA) Parent - CCL - KA0000000, High Energy Physics Parent - CCL - KC0000000, Basic Energy Sciences Parent- CCL - KB0000000 - Nuclear Physics Parent- CCL - KJ0000000 - Advanced Scientific Computing Research	5,682,070.38 23,537.46 513,806.53 1,084,283.67	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	5,682,070.38 23,537.46 513,806.53 1,084,283.67
00500/2016 C002787 C002786 C001021 C001018 C001009 C000984 C000840 C002852 C002925	089-X-0222 - Science Primary Fund (was WA) Parent - CCL - 39KA000000PRN11SC41000, Muon to Electron Conversion Experiment (PED) Parent - CCL - 39KA000000PRN11SC40000, Long Baseline Neutrino Experiment (PED) Parent- CCL - KL0000000 - Workforce Development for Teachers and Scientists Parent- CCL - KJ0000000 - Advanced Scientific Computing Research Parent- CCL - KB0000000 - Nuclear Physics Parent- CCL - FS1000000 - Safeguards and Security - Science Parent- CCL - AT0000000 - Fusion Energy Sciences Parent - CCL - KA0000000, High Energy Physics Parent - CCL - KG0700000, Facilities and Infrastructure	37,295,556.68 6,406,762.38 98,635.41 355,000.00 45,000.00 863,282.87 20,000.00 104,663,583.77 8,483,565.68	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	37,295,556.68 6,406,762.38 98,635.41 355,000.00 45,000.00 863,282.87 20,000.00 104,663,583.77 8,483,565.68

Financial Plan Number: 7  
 Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY  
 DOE AFP Local Financial Plan Report

Report Date: 26-JAN-17 08:59  
 Page: 2 of 7

Period Name: JAN-17  
 PO Number: CH11359  
 Fund Parent: ALL FUNDS  
 Fiscal Year: 2017  
 Reporting Entity:  
 Allottee:  
 Run Prior AFP Report?: N  
 Report Run Type: FINAL  
 Prior Financial Plan Run Code: CH11359-6 (23-DEC-2016 07:07:23)  
 To Date:  
 Report Output Type: FCDS VERSION 2  
 Report Output: TEXT

STARS FORMAT - SUMMARY

FUND/APPR YEAR	Parent Program	BUDGET AUTHORITY (BA)				
		OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
		UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	
00500/2016 C002853	089-X-0222 - Science Primary Fund (was WA) Parent - CCL - KC0000000, Basic Energy Sciences	1,435,928.73	0.00	0.00	0.00	1,435,928.73
00500/2017 C000984 C001009 C001018	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - FS1000000 - Safeguards and Security - Science Parent- CCL - KB0000000 - Nuclear Physics Parent- CCL - KJ0000000 - Advanced Scientific Computing Research	0.00 0.00 0.00	3,044,000.00 25,000.00 530,000.00	0.00 0.00 0.00	3,044,000.00 25,000.00 530,000.00	3,044,000.00 25,000.00 530,000.00
C001021	Parent- CCL - KL0000000 - Workforce Development for Teachers and Scientists	0.00	130,000.00	80,000.00	210,000.00	210,000.00
C002786	Parent - CCL - 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PED)	0.00	11,318,341.00	0.00	11,318,341.00	11,318,341.00
C002787	Parent - CCL - 39KA00000PRN11SC41000, Muon to Electron Conversion Experiment (PED)	0.00	22,993,250.00	0.00	22,993,250.00	22,993,250.00
C002852 C002853	Parent - CCL - KA0000000, High Energy Physics Parent - CCL - KC0000000, Basic Energy Sciences	0.00 0.00	184,282,000.00 818,000.00	241,000.00 0.00	184,523,000.00 818,000.00	184,523,000.00 818,000.00
00511/2014 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL - 456100000, Allottee 61 CH-Reimbursable Work	8,808.41	0.00	0.00	0.00	8,808.41
00511/2015 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL - 456100000, Allottee 61 CH-Reimbursable Work	72,904.82	0.00	0.00	0.00	72,904.82
00511/2016 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL - 456100000, Allottee 61 CH-Reimbursable Work	628,008.37	-589.72	-2,264.20	-2,853.92	625,154.45
00511/2017 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL - 456100000, Allottee 61 CH-Reimbursable Work	0.00	184,512.73	64,442.32	248,955.05	248,955.05
01050/2014 C002425	089-X-0243 - Other Defense Activities (ODA) Primary Fund Parent - CCL - HQ0000000 - Employee Compensation Initiative	6,184.66	0.00	0.00	0.00	6,184.66
01050/2015 C002425	089-X-0243 - Other Defense Activities (ODA) Primary Fund Parent - CCL - HQ0000000 - Employee Compensation Initiative	5,000.00	0.00	0.00	0.00	5,000.00
01050/2017 C002425	089-X-0243 - Other Defense Activities (ODA) Primary Fund Parent - CCL - HQ0000000 - Employee Compensation Initiative	0.00	0.00	5,000.00	5,000.00	5,000.00
01551/2016 C003035	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prima Parent - CCL - DN1002000, Radiological Security	294,438.85	0.00	0.00	0.00	294,438.85

05450/2016	089-X-0321	- Energy Efficiency and Renewable Energy (EERE						
C000949	Parent- CCL - ED0000000	- Advanced Manufacturing (formerly	6,579.45	0.00	0.00	0.00	0.00	6,579.45
	Industrial Technologies)							

GRAND TOTAL:

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181,707,140.78	223,324,514.01	388,178.12	223,712,692.13	405,419,832.91

STARS FORMAT - DETAIL

CATEGORY  
 FUND/APPR YEAR  
 Program/OBJ CLASS/Local Use  
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BUDGET AUTHORITY (BA)

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OCTADJ1-17	NEW BA			
BEGINNING	-----	-----	-----	
UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	TOTAL AVAILABLE
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OPERATING EXPENSES

00500/2005	089-X-0222	- Science Primary Fund (was WA)						
2923882/25400/0000000	KS0101000,	Accelerator and Experimental Facilities	132,170.69	0.00	0.00	0.00	0.00	132,170.69
	Research and Development							
00500/2013	089-X-0222	- Science Primary Fund (was WA)						

Financial Plan Number: 7  
 Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY  
 DOE AFP Local Financial Plan Report

Report Date: 26-JAN-17 08:59  
 Page: 3of 7

Period Name: JAN-17  
 PO Number: CH11359  
 Fund Parent: ALL FUNDS  
 Fiscal Year: 2017  
 Reporting Entity:  
 Allottee:  
 Run Prior AFP Report?: N  
 Report Run Type: FINAL  
 Prior Financial Plan Run Code: CH11359-6 (23-DEC-2016 07:07:23)  
 To Date:  
 Report Output Type: FCDS VERSION 2  
 Report Output: TEXT

STARS FORMAT - DETAIL

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use	BUDGET AUTHORITY (BA)						
	OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE		
	UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED			
<b>OPERATING EXPENSES</b>							
00500/2013	089-X-0222	- Science Primary Fund (was WA)					
2924141/25400/0000000	KJ0504000	High Performance Network Facilities and Testbeds	5,975.75	0.00	0.00	0.00	5,975.75
2924342/25400/0485460	KA2203012	Line Item OPC	660,549.49	0.00	0.00	0.00	660,549.49
2924331/25400/0000000	KA2202023	Other Complex Support	5,923.11	0.00	0.00	0.00	5,923.11
00500/2014	089-X-0222	- Science Primary Fund (was WA)					
2924414/25400/0000000	KL1500000	Outreach	181,741.72	0.00	0.00	0.00	181,741.72
2924337/25400/0000000	KA2202811	Special Process Spares	1,843,339.44	0.00	0.00	0.00	1,843,339.44
2924314/25400/0000000	KA2101030	University Service Accounts	111,810.19	0.00	0.00	0.00	111,810.19
2924156/25400/0000000	KB0201052	Heavy Ion Accelerator R&D Natl Lab Research	259,114.70	0.00	0.00	0.00	259,114.70
00500/2015	089-X-0222	- Science Primary Fund (was WA)					
2924314/25400/0000000	KA2101030	University Service Accounts	362,000.00	0.00	0.00	0.00	362,000.00
2924337/25400/0000000	KA2202811	Special Process Spares	700,000.00	0.00	0.00	0.00	700,000.00
2924338/25400/0000000	KA2202812	Common Use Stores	126,501.46	0.00	0.00	0.00	126,501.46
2924341/25400/0485473	KA2203011	MIE	246,322.14	-246,322.14	0.00	-246,322.14	0.00
2924342/25400/0485461	KA2203012	Line Item OPC	236,896.03	0.00	0.00	0.00	236,896.03
2924348/25400/0000000	KA2302010	Experimental Operations and Support	560,749.83	0.00	0.00	0.00	560,749.83
2924356/25400/0000000	KA2401019	Other Research	19,017.37	0.00	0.00	0.00	19,017.37
2924382/25400/0000000	KA2602010	Accelerator Operations and Support	214,334.84	0.00	0.00	0.00	214,334.84
2924341/31001/0485480	KA2203011	MIE	0.00	246,322.14	0.00	246,322.14	246,322.14
2924331/32002/0485403	KA2202023	Other Complex Support	2,820,343.03	0.00	0.00	0.00	2,820,343.03
2924313/25400/0485472	KA2101020	National Laboratories	144,956.45	0.00	0.00	0.00	144,956.45
2924305/25400/0000000	KC0406020	Accelerator and Detector Research	23,537.46	0.00	0.00	0.00	23,537.46
2924329/32003/0485395	KA2202021	Accelerator Operations	250,949.23	0.00	0.00	0.00	250,949.23
2924140/25400/0000000	KJ0503000	Research and Evaluation Prototypes	69,491.51	0.00	0.00	0.00	69,491.51
2924137/25400/0000000	KJ0404000	Next Generation Networking for Science	854,358.66	0.00	0.00	0.00	854,358.66
2924136/25400/0000000	KJ0403000	Computational Partnerships	160,433.50	0.00	0.00	0.00	160,433.50
2923746/25400/0000000	KB0301020	Theory, National Laboratory Research	13,342.25	0.00	0.00	0.00	13,342.25
2923734/25400/0000000	KB0201022	Heavy Ion, Other National Laboratory Research	464.28	0.00	0.00	0.00	464.28
2924156/25400/0000000	KB0201052	Heavy Ion Accelerator R&D Natl Lab Research	500,000.00	0.00	0.00	0.00	500,000.00
00500/2016	089-X-0222	- Science Primary Fund (was WA)					
2923652/25400/0000000	FS1001000	Protective Forces	185,809.39	0.00	0.00	0.00	185,809.39

2923653/25400/0000000	FS1002000, Security Systems	195,852.01	0.00	0.00	0.00	195,852.01
2923654/25400/0000000	FS1004000, Information Security	25,414.72	0.00	0.00	0.00	25,414.72
2923655/25400/0000000	FS1005000, Cyber Security	425,743.71	0.00	0.00	0.00	425,743.71
2923657/25400/0000000	FS1007000, Material Control and Accountability	23,008.89	0.00	0.00	0.00	23,008.89
2923658/25400/0000000	FS1009000, Program Management	7,454.15	0.00	0.00	0.00	7,454.15
2923734/25400/0000000	KB0201022, Heavy Ion, Other National Laboratory Research	45,000.00	0.00	0.00	0.00	45,000.00
2924134/25400/0000000	KJ0401000, Applied Mathematics Research	275,000.00	0.00	0.00	0.00	275,000.00
2924137/25400/0000000	KJ0404000, Next Generation Networking for Science	80,000.00	0.00	0.00	0.00	80,000.00
2924231/25400/0000000	KC0401020, Advanced Photon Source (ANL)	31,543.04	0.00	0.00	0.00	31,543.04
2924233/25400/0000000	KC0401040, National Synchrotron Light Source II (BNL)	28,008.69	0.00	0.00	0.00	28,008.69
2924305/25400/0000000	KC0406020, Accelerator and Detector Research	1,376,377.00	0.00	0.00	0.00	1,376,377.00
2924313/25400/0000000	KA2101020, National Laboratories	5,525,736.55	0.00	0.00	0.00	5,525,736.55
2924314/25400/0000000	KA2101030, University Service Accounts	210,000.00	0.00	0.00	0.00	210,000.00
2924318/25400/0000000	KA2102022, CMS Detector and Computing Support	11,733,601.39	0.00	0.00	0.00	11,733,601.39
2924320/25400/0485491	KA2103011, MIE	1,668,106.00	0.00	0.00	0.00	1,668,106.00
2924320/25400/0485492	KA2103011, MIE	49,676.93	0.00	0.00	0.00	49,676.93
2924325/25400/0000000	KA2201020, National Laboratories	2,787,026.63	0.00	0.00	0.00	2,787,026.63
2924326/25400/0000000	KA2201030, University Service Accounts	338,400.96	0.00	0.00	0.00	338,400.96
2924328/25400/0000000	KA2202010, Experimental Operations and Support	652,921.29	0.00	0.00	0.00	652,921.29
2924329/25400/0000000	KA2202021, Accelerator Operations	17,013,910.82	0.00	0.00	0.00	17,013,910.82
2924330/25400/0000000	KA2202022, Detector and Computing	6,114,245.63	0.00	0.00	0.00	6,114,245.63
2924335/25400/0000000	KA2202040, Homestake	350,000.00	0.00	0.00	0.00	350,000.00
2924337/25400/0000000	KA2202811, Special Process Spares	1,100,000.00	0.00	0.00	0.00	1,100,000.00
2924342/25400/0485461	KA2203012, Line Item OPC	86,400.00	0.00	0.00	0.00	86,400.00
2924342/25400/0485490	KA2203012, Line Item OPC	5,990,795.62	0.00	0.00	0.00	5,990,795.62
2924344/25400/0000000	KA2203020, Future Project R&D	3,208,107.50	0.00	0.00	0.00	3,208,107.50
2924346/25400/0000000	KA2301020, National Laboratories	2,343,014.30	0.00	0.00	0.00	2,343,014.30
2924348/25400/0000000	KA2302010, Experimental Operations and Support	2,375,000.00	0.00	0.00	0.00	2,375,000.00
2924350/25400/0485483	KA2303011, MIE	28,749.81	0.00	0.00	0.00	28,749.81
2924353/25400/0000000	KA2303020, Future Project R&D	479,303.54	0.00	0.00	0.00	479,303.54
2924355/25400/0000000	KA2401012, National Laboratories	1,867,541.06	0.00	0.00	0.00	1,867,541.06
2924356/25400/0000000	KA2401019, Other Research	68,000.00	0.00	0.00	0.00	68,000.00
2924357/25400/0000000	KA2401021, Scientific Discovery through Advanced	1,434,022.52	0.00	0.00	0.00	1,434,022.52

U.S. DEPARTMENT OF ENERGY  
DOE AFP Local Financial Plan Report

Report Date: 26-JAN-17 08:59  
Page: 4of 7

Financial Plan Number: 7

Period Name: JAN-17

PO Number: CH11359

Fund Parent: ALL FUNDS

Fiscal Year: 2017

Allottee: 61 CH - Chicago Operations Office

Reporting Entity:

Allottee:

Run Prior AFP Report?: N

Report Run Type: FINAL

Prior Financial Plan Run Code: CH11359-6 (23-DEC-2016 07:07:23)

To Date:

Report Output Type: FCDS VERSION 2

Report Output: TEXT

STARS FORMAT - DETAIL

BUDGET AUTHORITY (BA)

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use	OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE	
		UNALLOCATED OBLIGATIONS	PREVIOUS	CHANGE		REVISED
<b>OPERATING EXPENSES</b>						
00500/2016	089-X-0222	- Science Primary Fund (was WA)				
	Computing (SciDAC)					
2924358/25400/0000000	KA2401022, Scientific Computing	1,505,046.35	0.00	0.00	0.00	1,505,046.35
2924363/25400/0000000	KA2403013, Other Projects	76,262.88	0.00	0.00	0.00	76,262.88
2924366/25400/0000000	KA2501012, National Laboratories	4,689,203.47	0.00	0.00	0.00	4,689,203.47
2924368/25400/0000000	KA2501021, LHC Accelerator Research	1,586,205.84	0.00	0.00	0.00	1,586,205.84
2924369/25400/0000000	KA2501022, Muon Accelerators	1,862,975.90	0.00	0.00	0.00	1,862,975.90
2924371/25400/0000000	KA2501032, National Laboratories	1,459,809.58	0.00	0.00	0.00	1,459,809.58
2924372/25400/0000000	KA2502010, Accelerator Infrastructure and Test Facilities	3,076,524.19	0.00	0.00	0.00	3,076,524.19
2924373/25400/0000000	KA2502020, Detector Infrastructure and Test Facilities	2,041,292.11	0.00	0.00	0.00	2,041,292.11
2924380/25400/0000000	KA2601020, National Laboratories	228,433.81	0.00	0.00	0.00	228,433.81
2924406/25400/0000000	KL1001000, Science Undergraduate Laboratory Internship	13,703.94	0.00	0.00	0.00	13,703.94
2924407/25400/0000000	KL1002000, Community College Internship Program	6,759.06	0.00	0.00	0.00	6,759.06
2924408/25400/0000000	KL1003000, Visiting Faculty Program	24,072.41	0.00	0.00	0.00	24,072.41
2924414/25400/0000000	KL1500000, Outreach	54,100.00	0.00	0.00	0.00	54,100.00
2924438/25400/0000000	AT4030000, SBIR/STTR & Other	20,000.00	0.00	0.00	0.00	20,000.00
2924320/31001/0485484	KA2103011, MIE	1,559,610.33	0.00	0.00	0.00	1,559,610.33
2924341/31001/0485480	KA2203011, MIE	2,155,598.66	0.00	0.00	0.00	2,155,598.66
2924350/31001/0485489	KA2303011, MIE	1,347,031.59	0.00	0.00	0.00	1,347,031.59
2924329/31003/0485396	KA2202021, Accelerator Operations	1,032,532.62	0.00	0.00	0.00	1,032,532.62
2924373/31003/0485396	KA2502020, Detector Infrastructure and Test Facilities	8,495.89	0.00	0.00	0.00	8,495.89
2924331/32002/0485403	KA2202023, Other Complex Support	9,160,000.00	0.00	0.00	0.00	9,160,000.00
2924416/32002/0485403	KG0701000, Facilities and Infrastructure	8,483,565.68	0.00	0.00	0.00	8,483,565.68
2924329/32003/0485395	KA2202021, Accelerator Operations	7,450,000.00	0.00	0.00	0.00	7,450,000.00
<b>00500/2017</b>						
	089-X-0222	- Science Primary Fund (was WA)				
2923652/25400/0000000	FS1001000, Protective Forces	0.00	1,007,000.00	0.00	1,007,000.00	1,007,000.00
2923653/25400/0000000	FS1002000, Security Systems	0.00	354,000.00	0.00	354,000.00	354,000.00
2924329/32003/0485395	KA2202021, Accelerator Operations	0.00	803,000.00	0.00	803,000.00	803,000.00
2924331/32002/0485403	KA2202023, Other Complex Support	0.00	4,243,000.00	0.00	4,243,000.00	4,243,000.00
2924329/31003/0485396	KA2202021, Accelerator Operations	0.00	2,982,000.00	0.00	2,982,000.00	2,982,000.00
2924350/31001/0485489	KA2303011, MIE	0.00	953,000.00	0.00	953,000.00	953,000.00
2923655/25400/0000000	FS1005000, Cyber Security	0.00	1,434,000.00	0.00	1,434,000.00	1,434,000.00
2923656/25400/0000000	FS1006000, Personnel Security	0.00	73,000.00	0.00	73,000.00	73,000.00
2923657/25400/0000000	FS1007000, Material Control and Accountability	0.00	42,000.00	0.00	42,000.00	42,000.00
2923658/25400/0000000	FS1009000, Program Management	0.00	134,000.00	0.00	134,000.00	134,000.00
2923734/25400/0000000	KB0201022, Heavy Ion, Other National Laboratory Research	0.00	25,000.00	0.00	25,000.00	25,000.00

2924137/25400/0000000	KJ0404000, Next Generation Networking for Science	0.00	530,000.00	0.00	530,000.00	530,000.00
2924305/25400/0000000	KC0406020, Accelerator and Detector Research	0.00	818,000.00	0.00	818,000.00	818,000.00
2924313/25400/0000000	KA2101020, National Laboratories	0.00	9,690,000.00	0.00	9,690,000.00	9,690,000.00
2924318/25400/0000000	KA2102022, CMS Detector and Computing Support	0.00	14,335,000.00	0.00	14,335,000.00	14,335,000.00
2924320/25400/0485491	KA2103011, MIE	0.00	2,060,000.00	0.00	2,060,000.00	2,060,000.00
2924320/25400/0485492	KA2103011, MIE	0.00	269,000.00	0.00	269,000.00	269,000.00
2924325/25400/0000000	KA2201020, National Laboratories	0.00	9,748,000.00	0.00	9,748,000.00	9,748,000.00
2924328/25400/0000000	KA2202010, Experimental Operations and Support	0.00	287,000.00	241,000.00	528,000.00	528,000.00
2924329/25400/0000000	KA2202021, Accelerator Operations	0.00	44,063,000.00	0.00	44,063,000.00	44,063,000.00
2924330/25400/0000000	KA2202022, Detector and Computing	0.00	21,807,000.00	0.00	21,807,000.00	21,807,000.00
2924335/25400/0000000	KA2202040, Homestake	0.00	8,601,000.00	0.00	8,601,000.00	8,601,000.00
2924337/25400/0000000	KA2202811, Special Process Spares	0.00	536,000.00	0.00	536,000.00	536,000.00
2924342/25400/0485490	KA2203012, Line Item OPC	0.00	8,727,000.00	0.00	8,727,000.00	8,727,000.00
2924344/25400/0000000	KA2203020, Future Project R&D	0.00	1,720,000.00	0.00	1,720,000.00	1,720,000.00
2924346/25400/0000000	KA2301020, National Laboratories	0.00	4,473,000.00	0.00	4,473,000.00	4,473,000.00
2924348/25400/0000000	KA2302010, Experimental Operations and Support	0.00	917,000.00	0.00	917,000.00	917,000.00
2924355/25400/0000000	KA2401012, National Laboratories	0.00	4,874,000.00	0.00	4,874,000.00	4,874,000.00
2924358/25400/0000000	KA2401022, Scientific Computing	0.00	1,580,000.00	0.00	1,580,000.00	1,580,000.00
2924363/25400/0000000	KA2403013, Other Projects	0.00	499,000.00	0.00	499,000.00	499,000.00
2924366/25400/0000000	KA2501012, National Laboratories	0.00	7,154,000.00	0.00	7,154,000.00	7,154,000.00
2924368/25400/0000000	KA2501021, LHC Accelerator Research	0.00	8,032,000.00	0.00	8,032,000.00	8,032,000.00
2924369/25400/0000000	KA2501022, Muon Accelerators	0.00	430,000.00	0.00	430,000.00	430,000.00
2924371/25400/0000000	KA2501032, National Laboratories	0.00	2,351,000.00	0.00	2,351,000.00	2,351,000.00
2924372/25400/0000000	KA2502010, Accelerator Infrastructure and Test Facilities	0.00	10,695,000.00	0.00	10,695,000.00	10,695,000.00
2924373/25400/0000000	KA2502020, Detector Infrastructure and Test Facilities	0.00	2,466,000.00	0.00	2,466,000.00	2,466,000.00
2924406/25400/0000000	KL1001000, Science Undergraduate Laboratory Internship	0.00	70,000.00	0.00	70,000.00	70,000.00
2924407/25400/0000000	KL1002000, Community College Internship Program	0.00	60,000.00	0.00	60,000.00	60,000.00
2924408/25400/0000000	KL1003000, Visiting Faculty Program	0.00	0.00	80,000.00	80,000.00	80,000.00
2924320/31001/0485484	KA2103011, MIE	0.00	3,638,000.00	0.00	3,638,000.00	3,638,000.00
2924341/31001/0485480	KA2203011, MIE	0.00	6,349,000.00	0.00	6,349,000.00	6,349,000.00

01050/2014      089-X-0243      - Other Defense Activities (ODA) Primary Fund  
(was TF)

Financial Plan Number: 7  
 Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY  
 DOE AFP Local Financial Plan Report  
 Period Name: JAN-17  
 PO Number: CH11359  
 Fund Parent: ALL FUNDS  
 Fiscal Year: 2017  
 Reporting Entity:  
 Allottee:  
 Run Prior AFP Report?: N  
 Report Run Type: FINAL  
 Prior Financial Plan Run Code: CH11359-6 (23-DEC-2016 07:07:23)  
 To Date:  
 Report Output Type: FCDS VERSION 2  
 Report Output: TEXT

Report Date: 26-JAN-17 08:59  
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STARS FORMAT - DETAIL

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use	BUDGET AUTHORITY (BA)				
	OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
	UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	
OPERATING EXPENSES					
01050/2014 089-X-0243 - Other Defense Activities (ODA) Primary Fund (was TF) 3184701/25400/0000000 HQ1001000, Worker Advocacy	6,184.66	0.00	0.00	0.00	6,184.66
01050/2015 089-X-0243 - Other Defense Activities (ODA) Primary Fund (was TF) 3184701/25400/0000000 HQ1001000, Worker Advocacy	5,000.00	0.00	0.00	0.00	5,000.00
01050/2017 089-X-0243 - Other Defense Activities (ODA) Primary Fund (was TF) 3184701/25400/0000000 HQ1001000, Worker Advocacy	0.00	0.00	5,000.00	5,000.00	5,000.00
01551/2016 089-X-0309 - Defense Nuclear Nonproliferation (DNN) Primary Fund (was NS) 2223059/25400/0000000 DN1002020, Domestic Material Protection	294,438.85	0.00	0.00	0.00	294,438.85
05450/2016 089-X-0321 - Energy Efficiency and Renewable Energy (EERE) Primary Fund (P.L. 110-161 FY08) (was ZA) 1009209/25400/0000000 ED2701000, Next Generation Manufacturing	6,579.45	0.00	0.00	0.00	6,579.45
GRAND TOTAL:	126,781,522.55	188,829,000.00	326,000.00	189,155,000.00	315,936,522.55

STARS FORMAT - DETAIL

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use Project	BUDGET AUTHORITY (BA)				
	OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
	UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	

GRAND TOTAL:

STARS FORMAT - DETAIL

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use			BUDGET AUTHORITY (BA)				
			OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
-----			UNCostED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	-----
CONSTRUCTION (PRN - 32001)							
00500/2014	089-X-0222	- Science Primary Fund (was WA)					
2924278/32001/0000000	39KG02000PRN13SC70000	Utilities Upgrade at FNAL	10,513,577.57	0.00	0.00	0.00	10,513,577.57
00500/2016	089-X-0222	- Science Primary Fund (was WA)					
2924263/32001/0000000	39KA00000PRN11SC40000	Long Baseline Neutrino Experiment (PED)	6,406,762.38	0.00	0.00	0.00	6,406,762.38
2924264/32001/0000000	39KA00000PRN11SC41000	Muon to Electron Conversion Experiment (PED)	37,295,556.68	0.00	0.00	0.00	37,295,556.68
00500/2017	089-X-0222	- Science Primary Fund (was WA)					

Financial Plan Number: 7  
 Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY  
 DOE AFP Local Financial Plan Report  
 Period Name: JAN-17  
 PO Number: CH11359  
 Fund Parent: ALL FUNDS  
 Fiscal Year: 2017  
 Reporting Entity:  
 Allottee:  
 Run Prior AFP Report?: N  
 Report Run Type: FINAL  
 Prior Financial Plan Run Code: CH11359-6 (23-DEC-2016 07:07:23)  
 To Date:  
 Report Output Type: FCDS VERSION 2  
 Report Output: TEXT

Report Date: 26-JAN-17 08:59  
 Page: 6 of 7

STARS FORMAT - DETAIL

CATEGORY  
 FUND/APPR YEAR  
 Program/OBJ CLASS/Local Use

BUDGET AUTHORITY (BA)

CONSTRUCTION (PRN -  
 32001)

00500/2017 089-X-0222 - Science Primary Fund (was WA)  
 2924263/32001/0000000 39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PED)  
 2924264/32001/0000000 39KA00000PRN11SC41000, Muon to Electron Conversion Experiment (PED)

OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
	PREVIOUS	CHANGE	REVISED	
UNCOSTED OBLIGATIONS				

0.00	11,318,341.00	0.00	11,318,341.00	11,318,341.00
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0.00	22,993,250.00	0.00	22,993,250.00	22,993,250.00
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GRAND TOTAL:

54,215,896.63	34,311,591.00	0.00	34,311,591.00	88,527,487.63
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STARS FORMAT - DETAIL

CATEGORY  
 FUND/APPR YEAR  
 OBJ CLASS  
 Program  
 WFO

BUDGET AUTHORITY (BA)

REIMBURSABLE WORK  
 00511/2014

089-X-0222 - Science Reimbursable Work with Non-Federal Entities (was 2W)  
 25400 Operation and Maintenance of Facilities  
 6600149 456160034, State And Local Governments And Non-Profit Organizations  
 4825055 CHAGRWFO20130003

OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
	PREVIOUS	CHANGE	REVISED	
UNCOSTED OBLIGATIONS				

8,808.41	0.00	0.00	0.00	8,808.41
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00511/2015	089-X-0222	- Science Reimbursable Work with Non-Federal Entities (was 2W)						
25400		Operation and Maintenance of Facilities						
6600149	456160034,	State And Local Governments And Non-Profit Organizations						
4825057	CHAGRWFO20130002		26,787.79	0.00	0.00	0.00	26,787.79	
4825055	CHAGRWFO20130003		7.40	0.00	0.00	0.00	7.40	
4825059	CHAGRWFO20130014		18,847.65	0.00	0.00	0.00	18,847.65	
6600151	456160036,	Universities And Institutes						
4825071	CHAGRWFO20140005		1,792.31	0.00	0.00	0.00	1,792.31	
6600152	456160037,	Other						
4825081	CHAGRCRADA20150008		25,469.67	0.00	0.00	0.00	25,469.67	
00511/2016	089-X-0222	- Science Reimbursable Work with Non-Federal Entities (was 2W)						
25400		Operation and Maintenance of Facilities						
6600147	456160032,	Industry - Foreign						
4825083	CHAGRSPP20150014		182.18	0.00	0.00	0.00	182.18	
4825086	CHAGRSPP20150298		281,129.97	0.00	0.00	0.00	281,129.97	
4825088	CHAGRCRADA20150290		1,364.26	0.00	0.00	0.00	1,364.26	
6600149	456160034,	State And Local Governments And Non-Profit Organizations						
4825079	CHAGRSPP20150006		29,001.24	0.00	0.00	0.00	29,001.24	
4825097	CHAGRCRADA20160010		46,655.17	0.00	0.00	0.00	46,655.17	
6600151	456160036,	Universities And Institutes						
4825093	CHAGRSPP20150288		377.11	0.00	0.00	0.00	377.11	

Financial Plan Number: 7  
 Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY  
 DOE AFP Local Financial Plan Report  
 Period Name: JAN-17  
 PO Number: CH11359  
 Fund Parent: ALL FUNDS  
 Fiscal Year: 2017  
 Reporting Entity:  
 Allottee:  
 Run Prior AFP Report?: N  
 Report Run Type: FINAL  
 Prior Financial Plan Run Code: CH11359-6  
 To Date:  
 Report Output Type: FCDS VERSION 2  
 Report Output: TEXT

Report Date: 26-JAN-17 08:59  
 Page: 7 of 7

(23-DEC-2016 07:07:23)

STARS FORMAT - DETAIL

CATEGORY FUND/APPR YEAR OBJ CLASS Program WFO	BUDGET AUTHORITY (BA)				
	OCTADJ1-17 BEGINNING	NEW BA			TOTAL AVAILABLE
		UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	
REIMBURSABLE WORK					
00511/2016	089-X-0222 - Science Reimbursable Work with Non-Federal Entities (was 2W)				
25400	Operation and Maintenance of Facilities				
6600151	456160036, Universities And Institutes				
4825089	CHAGRCRADA20150289	1,964.28	0.00	0.00	0.00
4825077	CHAGRCRADA20140022	1,763.48	0.00	0.00	0.00
4825095	CHAGRCRADA20140020	74,994.62	0.00	0.00	0.00
4825098	CHAGRSPP20160023	16,223.05	0.00	0.00	0.00
4825096	CHAGRSPP20160001	131,041.17	0.00	0.00	0.00
6600152	456160037, Other				
4825078	CHAGRCRADA20150012	589.72	-589.72	0.00	-589.72
4825082	CHAGRSPP20150292	297.31	0.00	0.00	0.00
4825084	CHAGRCRADA20150010	10,315.04	0.00	0.00	0.00
4825085	CHAGRSPP20150291	22,833.22	0.00	0.00	0.00
4825087	CHAGRSPP20150296	2,264.20	0.00	-2,264.20	-2,264.20
4825092	CHAGRCRADA20150078	2,452.36	0.00	0.00	0.00
4825094	CHAGRSPP20150011	4,559.99	0.00	0.00	0.00
00511/2017	089-X-0222 - Science Reimbursable Work with Non-Federal Entities (was 2W)				
25400	Operation and Maintenance of Facilities				
6600147	456160032, Industry - Foreign				
4825088	CHAGRCRADA20150290	0.00	26,169.88	0.00	26,169.88
4825101	CHAGRCRADA20160058	0.00	0.00	49,442.32	49,442.32
6600151	456160036, Universities And Institutes				
4825093	CHAGRSPP20150288	0.00	10,842.85	0.00	10,842.85
6600152	456160037, Other				
4825099	CHAGRCRADA20160009	0.00	0.00	15,000.00	15,000.00
4825100	CHAGRCRADA20160029	0.00	147,500.00	0.00	147,500.00

GRAND TOTAL:

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709,721.60

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183,923.01

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62,178.12

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246,101.13

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955,822.73