

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 2
2. AMENDMENT/MODIFICATION NO. 0249	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 20SC001004	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY SC Chicago Service Center Office of Science - Chicago U.S. Department of Energy 9800 South Cass Avenue Lemont IL 60439	CODE 892430	7. ADMINISTERED BY (If other than Item 6) Fermi Site Office U.S. Department of Energy Fermi Site Office P.O. Box 2000 Batavia IL 60510	CODE 06006
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) FERMI RESEARCH ALLIANCE, LLC Attn: JOHN MYER FERMI RESEARCH ALLIANCE, LLC PINE ST. AND KIRK RD, MS-213 BATAVIA IL 605105011		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE 626399831			9B. DATED (SEE ITEM 11)
FACILITY CODE		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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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: \$116,020,645.00
SEE APPROVED FUNDING PROGRAM NO. 55; DATED 4/24/2020

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 data, 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) Part II, Section I, Clause 1.119 - DEAR 970.5232-4, OBLIGATION OF FUNDS (DEC 2000)

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.)

DUNS Number: 626399831

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 \$116,020,645.00 (APPROPRIATED) and \$0.00 (NON-APPROPRIATED); from a total of \$6,049,600,926.06, to a total of \$6,165,621,571.06.
Delivery Location Code: 06006

Fermi Site Office
US Department of Energy
Fermi Site Office
P.O. Box 2000
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)	
		Robert M. Scott	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		Signature on File	04/30/2020
		_____ (Signature of Contracting Officer)	

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC02-07CH11359/0249

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NAME OF OFFEROR OR CONTRACTOR
FERMI RESEARCH ALLIANCE, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00086	Batavia IL 60510 Payment: Payment - Direct Payment from U.S. Dept of Treasury Period of Performance: 01/01/2007 to 12/31/2021 Add Item 00086 as follows: FOR OFFICIAL USE ONLY Requisition for M&O Contract April 2020 Financial Modification-Appropriated Obligated Amount: \$116,020,645.00 All security clearances (DOE Form 470.1) were previously approved - no form attached.				116,020,645.00

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: APR-20
 PO Number: CH11359
 Fund Parent: ALL FUNDS
 Fiscal Year: 2020
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: CH11359-54 (25-MAR-2020 09:43:15)
 Changes Only?: N
 To Date:
 Report Output Type: FCDS VERSION 2
 Report Output: TEXT

Report Date: 24-APR-20 09:35
Page: 1 of 10

STARS FORMAT - SUMMARY

Category	BUDGET AUTHORITY (BA)				TOTAL AVAILABLE
	OCTADJ1-20	NEW BA			
	BEGINNING	PREVIOUS	CHANGE	REVISED	
-----	-----	-----	-----	-----	
-----	UNCOSTED OBLIGATIONS	-----	-----	-----	-----
OPERATING EXPENSES	104,684,396.03	214,941,592.18	53,025,530.00	267,967,122.18	372,651,518.21
CAPITAL EQUIPMENT	45,419,182.03	29,773,000.00	7,706,000.00	37,479,000.00	82,898,182.03
CONSTRUCTION	244,916,285.50	201,578,738.46	55,289,115.00	256,867,853.46	501,784,138.96
REIMBURSABLE WORK	983,605.46	349,796.19	0.00	349,796.19	1,333,401.65
GRAND TOTAL:	396,003,469.02	446,643,126.83	116,020,645.00	562,663,771.83	958,667,240.85

 * Certification of Funds Availability: *
 * * * * *
 * _____ *
 * Certifying Official Date *
 * * * * *

STARS FORMAT - SUMMARY

FUND/APPR YEAR Parent Program		BUDGET AUTHORITY (BA)				
		OCTADJ1-20 BEGINNING	NEW BA			TOTAL AVAILABLE
			UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	
00150/2018 C002843	089-X-0213 - Fossil Energy Research and Development (FER& Parent - CCL- AA7000000, Carbon Storage	286,827.00	-286,827.00	0.00	-286,827.00	0.00
00500/2005 C001025	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - KS0100000, Research, Development And Operations	132,104.29	0.00	0.00	0.00	132,104.29
00500/2013 C002852	089-X-0222 - Science Primary Fund (was WA) Parent - CCL- KA0000000, High Energy Physics Research	645,253.84	0.00	0.00	0.00	645,253.84
00500/2014 C002913	089-X-0222 - Science Primary Fund (was WA) Parent - CCL - 39KG00000PRN13SC70000, 13-SC-70000 Utilities Upgrade at FNAL	82,555.54	-82,555.54	0.00	-82,555.54	0.00
C002852	Parent - CCL- KA0000000, High Energy Physics Research	901,528.00	0.00	0.00	0.00	901,528.00
C001018	Parent- CCL - KJ0000000, Advanced Scientific Computing Research	69,385.19	0.00	0.00	0.00	69,385.19
00500/2015 C002852 C001009 C001018	089-X-0222 - Science Primary Fund (was WA) Parent - CCL- KA0000000, High Energy Physics Research Parent- CCL - KB0000000, Nuclear Physics Operation and Maintenance Parent- CCL - KJ0000000, Advanced Scientific Computing Research	62,874.56 13,342.25 81,208.40	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	62,874.56 13,342.25 81,208.40
00500/2016 C001021	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - KL0000000, Workforce Development for Teachers and Scientists	32,934.71	0.00	0.00	0.00	32,934.71
C002925	Parent - CCL- KG0700000, Facilities and Infrastructure	210,382.51	0.00	0.00	0.00	210,382.51
C002852	Parent - CCL- KA0000000, High Energy Physics Research	1,100,304.66	0.00	0.00	0.00	1,100,304.66
C001018	Parent- CCL - KJ0000000, Advanced Scientific Computing Research	178,383.98	-16.68	0.00	-16.68	178,367.30
C000984	Parent- CCL - FS1000000, Safeguards and Security-Science	3.14	-3.14	0.00	-3.14	0.00
00500/2017 C001009 C001018	089-X-0222 - Science Primary Fund (was WA) Parent- CCL - KB0000000, Nuclear Physics Operation and Maintenance Parent- CCL - KJ0000000, Advanced Scientific Computing Research	284.76 542,613.40	0.00 0.00	0.00 0.00	0.00 0.00	284.76 542,613.40

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

FUND/APPR YEAR	Parent Program	BUDGET AUTHORITY (BA)					TOTAL AVAILABLE
		OCTADJ1-20 BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED		
00500/2017	089-X-0222 - Science Primary Fund (was WA)						
C002852	Parent - CCL- KA0000000, High Energy Physics Research	271,670.68	0.00	0.00	0.00	271,670.68	
C002853	Parent - CCL- KC0000000, Basic Energy Sciences Research	219,064.75	0.00	0.00	0.00	219,064.75	
00500/2018	089-X-0222 - Science Primary Fund (was WA)						
C001009	Parent- CCL - KB0000000, Nuclear Physics Operation and Maintenance	91,328.60	0.00	0.00	0.00	91,328.60	
C003086	Parent - CCL - 39KG01000PRN17SC71000, 17-SC-71000 Integrated Engineering Research Center, FNAL	14,519,342.92	0.00	0.00	0.00	14,519,342.92	
C002853	Parent - CCL- KC0000000, Basic Energy Sciences Research	402,041.17	0.00	0.00	0.00	402,041.17	
C001021	Parent- CCL - KL0000000, Workforce Development for Teachers and Scientists	34,768.93	0.00	0.00	0.00	34,768.93	
C002787	Parent - CCL - 39KA00000PRN11SC41000, 11-SC-41000 Muon to Electron Conversion Experiment, FNAL	40,332,039.38	0.00	0.00	0.00	40,332,039.38	
C001018	Parent- CCL - KJ0000000, Advanced Scientific Computing Research	341,000.00	0.00	0.00	0.00	341,000.00	
C002852	Parent - CCL- KA0000000, High Energy Physics Research	12,566,841.87	0.00	0.00	0.00	12,566,841.87	
00500/2019	089-X-0222 - Science Primary Fund (was WA)						
C001018	Parent- CCL - KJ0000000, Advanced Scientific Computing Research	387,605.00	0.00	0.00	0.00	387,605.00	
C002853	Parent - CCL- KC0000000, Basic Energy Sciences Research	135,000.00	0.00	0.00	0.00	135,000.00	
C002786	Parent - CCL - 39KA00000PRN11SC40000, 11-SC-40000 Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment LBNF/DUNE, FNAL	121,471,255.39	0.00	0.00	0.00	121,471,255.39	
C002787	Parent - CCL - 39KA00000PRN11SC41000, 11-SC-41000 Muon to Electron Conversion Experiment, FNAL	30,000,000.00	0.00	0.00	0.00	30,000,000.00	
C000840	Parent- CCL - AT0000000, Fusion Energy Sciences Research	1,299,000.00	0.00	0.00	0.00	1,299,000.00	
C003108	Parent - CCL - 39KA00000PRN18SC42000, 18-SC-42000 Proton Improvement Plan II, PIP-II, FNAL	3,187,883.97	0.00	0.00	0.00	3,187,883.97	
C003086	Parent - CCL - 39KG01000PRN17SC71000, 17-SC-71000 Integrated Engineering Research Center, FNAL	20,000,000.00	0.00	0.00	0.00	20,000,000.00	
C001009	Parent- CCL - KB0000000, Nuclear Physics Operation and Maintenance	926,526.40	0.00	0.00	0.00	926,526.40	
C001021	Parent- CCL - KL0000000, Workforce Development for Teachers and Scientists	110,507.28	0.00	0.00	0.00	110,507.28	
C002852	Parent - CCL- KA0000000, High Energy Physics Research	140,580,277.12	0.00	0.00	0.00	140,580,277.12	
C000984	Parent- CCL - FS1000000, Safeguards and Security-Science	3,760,534.08	0.00	0.00	0.00	3,760,534.08	
00500/2020	089-X-0222 - Science Primary Fund (was WA)						
C002852	Parent - CCL- KA0000000, High Energy Physics Research	0.00	247,172,000.00	60,104,530.00	307,276,530.00	307,276,530.00	
C002925	Parent - CCL- KG0700000, Facilities and Infrastructure	0.00	2,500,000.00	2,500,000.00	5,000,000.00	5,000,000.00	
C002786	Parent - CCL - 39KA00000PRN11SC40000, 11-SC-40000 Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment LBNF/DUNE, FNAL	0.00	130,903,194.00	32,480,072.00	163,383,266.00	163,383,266.00	
C000984	Parent- CCL - FS1000000, Safeguards and Security-Science	0.00	6,144,000.00	1,259,000.00	7,403,000.00	7,403,000.00	
C003086	Parent - CCL - 39KG01000PRN17SC71000, 17-SC-71000 Integrated Engineering Research Center, FNAL	0.00	11,330,400.00	7,895,000.00	19,225,400.00	19,225,400.00	
C001021	Parent- CCL - KL0000000, Workforce Development for Teachers and Scientists	0.00	390,000.00	0.00	390,000.00	390,000.00	
C003108	Parent - CCL - 39KA00000PRN18SC42000, 18-SC-42000 Proton Improvement Plan II, PIP-II, FNAL	0.00	46,632,700.00	11,727,043.00	58,359,743.00	58,359,743.00	
C003264	Parent - CCL- 39KG00000PRN20SC80000, 20-SC-80000 Utilities Infrastructure Project, FNAL	0.00	82,000.00	0.00	82,000.00	82,000.00	
C001018	Parent- CCL - KJ0000000, Advanced Scientific Computing Research	0.00	874,000.00	0.00	874,000.00	874,000.00	
00511/2015	089-X-0222 - Science Reimbursable Work with Non-Federal E						
C003005	Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	1,792.31	0.00	0.00	0.00	1,792.31	
00511/2016	089-X-0222 - Science Reimbursable Work with Non-Federal E						
C003005	Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	15,298.39	0.00	0.00	0.00	15,298.39	

00511/2017 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	23,211.01	0.00	0.00	0.00	23,211.01
00511/2018 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	61,860.75	-1,112.82	0.00	-1,112.82	60,747.93
00511/2019 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	260,344.48	-61,841.78	0.00	-61,841.78	198,502.70
00511/2020	089-X-0222 - Science Reimbursable Work with Non-Federal E					

FUND/APPR YEAR Parent Program		BUDGET AUTHORITY (BA)				
		OCTADJ1-20 BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE
00511/2020 C003005	089-X-0222 - Science Reimbursable Work with Non-Federal E Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	0.00	403,601.28	0.00	403,601.28	403,601.28
00512/2017 C003005	089-X-0222 - Science Reimbursable Work with Other Federal Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	433,888.52	0.00	0.00	0.00	433,888.52
00512/2018 C003005	089-X-0222 - Science Reimbursable Work with Other Federal Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	187,210.00	0.00	0.00	0.00	187,210.00
00512/2020 C003005	089-X-0222 - Science Reimbursable Work with Other Federal Parent - CCL- 456100000, Allottee 61 CH-Reimbursable Work	0.00	9,149.51	0.00	9,149.51	9,149.51
00674/2018 C003093	089-18/19-0228 - DA Primary Fund Parent - CCL- TT0000000, Office of Technology Transitions - Program Direction	14,775.87	0.00	0.00	0.00	14,775.87
01050/2014 C002425	089-X-0243 - Other Defense Activities (ODA) Primary Fund Parent - CCL - HQ0000000, Employee Compensation Initiative	4,537.40	0.00	0.00	0.00	4,537.40
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	5,000.00	0.00	0.00	0.00	5,000.00
01250/2018 C000977	089-X-0251 - Defense Environmental Cleanup Primary Fund (w Parent- CCL - EY4000000, Technology Development	0.01	0.00	0.00	0.00	0.01
01551/2016 C003035	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prima Parent - CCL- DN1002000, Radiological Security	10,865.36	0.00	0.00	0.00	10,865.36
01551/2020 C003118 C003088	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prima Parent - CCL- DN2010000, Proliferation Detection Parent - CCL- DN1005000, Domestic Radiological Security	0.00 0.00	500,000.00 6,000.00	0.00 0.00	500,000.00 6,000.00	500,000.00 6,000.00
05450/2016 C000949	089-X-0321 - Energy Efficiency and Renewable Energy (EERE) Parent- CCL - ED0000000, Advanced Manufacturing	3,011.15	0.00	0.00	0.00	3,011.15
05450/2020 C000848	089-X-0321 - Energy Efficiency and Renewable Energy (EERE) Parent- CCL - BT0000000, Building Technologies	0.00	75,000.00	0.00	75,000.00	75,000.00
07060/2019 C003093	089-19/20-0228 - DA Primary Fund Parent - CCL- TT0000000, Office of Technology Transitions - Program Direction	0.00	53,439.00	0.00	53,439.00	53,439.00
07070/2020 C003093	089-20/21-0228 - DA Primary Fund Parent - CCL- TT0000000, Office of Technology Transitions - Program Direction	0.00	0.00	55,000.00	55,000.00	55,000.00
GRAND TOTAL:		396,003,469.02	446,643,126.83	116,020,645.00	562,663,771.83	958,667,240.85

STARS FORMAT - DETAIL

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

OPERATING EXPENSES
 00500/2005 089-X-0222 - Science Primary Fund (was WA)

BUDGET AUTHORITY (BA)

OCTADJ1-20 BEGINNING	NEW BA			TOTAL AVAILABLE
UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	REVISED	

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

STARS FORMAT - DETAIL

BUDGET AUTHORITY (BA)

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use	BUDGET AUTHORITY (BA)				
	OCTADJ1-20 BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE
OPERATING EXPENSES					
00500/2005 089-X-0222 - Science Primary Fund (was WA)					
2923882/25400/0000000 KS0101000, Accelerator and Experimental Facilities Research and Development	132,104.29	0.00	0.00	0.00	132,104.29
00500/2013 089-X-0222 - Science Primary Fund (was WA)					
2924342/25400/0485460 KA2203012, Line Item OPC	645,253.84	0.00	0.00	0.00	645,253.84
00500/2014 089-X-0222 - Science Primary Fund (was WA)					
2924337/25400/0000000 KA2202811, Special Process Spares	901,528.00	0.00	0.00	0.00	901,528.00
2924476/25400/0000000 KJ0403010, Computational Partnerships - SciDAC	69,385.19	0.00	0.00	0.00	69,385.19
00500/2015 089-X-0222 - Science Primary Fund (was WA)					
2924338/25400/0000000 KA2202812, Common Use Stores	62,874.56	0.00	0.00	0.00	62,874.56
2923746/25400/0000000 KB0301020, Theory, National Laboratory Research	13,342.25	0.00	0.00	0.00	13,342.25
2924476/25400/0000000 KJ0403010, Computational Partnerships - SciDAC	27,661.66	0.00	0.00	0.00	27,661.66
2924140/25400/0000000 KJ0503000, STARTING IN FY 2018, DO NOT USE!!! Research and Evaluation Prototypes	53,546.74	0.00	0.00	0.00	53,546.74
00500/2016 089-X-0222 - Science Primary Fund (was WA)					
2923654/25400/0000000 FS1004000, Information Security	3.14	-3.14	0.00	-3.14	0.00
2924337/25400/0000000 KA2202811, Special Process Spares	1,100,000.00	0.00	0.00	0.00	1,100,000.00
2924350/25400/0485483 KA2303011, MIE	304.66	0.00	0.00	0.00	304.66
2924416/32002/0485403 KG0701000, Facilities and Infrastructure	210,382.51	0.00	0.00	0.00	210,382.51
2924134/25400/0000000 KJ0401000, Applied Mathematics Research	16.68	-16.68	0.00	-16.68	0.00
2924476/25400/0000000 KJ0403010, Computational Partnerships - SciDAC	178,367.30	0.00	0.00	0.00	178,367.30
2924414/25400/0000000 KL1500000, Outreach	32,934.71	0.00	0.00	0.00	32,934.71
00500/2017 089-X-0222 - Science Primary Fund (was WA)					
2924314/25400/0000000 KA2101030, University Service Accounts	27,757.79	0.00	0.00	0.00	27,757.79
2924320/31001/0485484 KA2103011, MIE	198.93	0.00	0.00	0.00	198.93
2924328/25400/0000000 KA2202010, Experimental Operations and Support	5,520.30	0.00	0.00	0.00	5,520.30
2924344/25400/0000000 KA2203020, Future Project R&D	13,429.86	0.00	0.00	0.00	13,429.86
2924363/25400/0000000 KA2403013, Other Projects	20,939.73	0.00	0.00	0.00	20,939.73
2924369/25400/0000000 KA2501022, Muon Accelerators	203,824.07	0.00	0.00	0.00	203,824.07
2923734/25400/0000000 KB0201022, Heavy Ion, Other National Laboratory Research	284.76	0.00	0.00	0.00	284.76
2924305/25400/0000000 KC0406020, Accelerator and Detector Research	219,064.75	0.00	0.00	0.00	219,064.75
2924510/25400/0000000 KJ0402030, Computer Sciences - Quantum Networks	500,000.00	0.00	0.00	0.00	500,000.00
2924476/25400/0000000 KJ0403010, Computational Partnerships - SciDAC	39,425.24	0.00	0.00	0.00	39,425.24
2924137/25400/0000000 KJ0404000, Next Generation Networking for Science	3,188.16	0.00	0.00	0.00	3,188.16
00500/2018 089-X-0222 - Science Primary Fund (was WA)					
2924314/25400/0000000 KA2101030, University Service Accounts	341,000.00	0.00	0.00	0.00	341,000.00
2924318/31003/0485396 KA2102022, CMS Detector and Computing Support	206,794.13	0.00	0.00	0.00	206,794.13
2924320/25400/0485492 KA2103011, MIE	4,083.10	0.00	0.00	0.00	4,083.10
2924329/31003/0485396 KA2202021, Accelerator Operations	3,630,957.99	0.00	0.00	0.00	3,630,957.99
2924331/31003/0485396 KA2202023, Other Complex Support	385,538.00	0.00	0.00	0.00	385,538.00
2924331/32002/0485403 KA2202023, Other Complex Support	809,520.23	0.00	0.00	0.00	809,520.23
2924342/25400/0485461 KA2203012, Line Item OPC	889,305.38	0.00	0.00	0.00	889,305.38
2924350/31001/0485489 KA2303011, MIE	1,210,947.88	0.00	0.00	0.00	1,210,947.88
2924357/25400/0000000 KA2401021, Scientific Discovery through Advanced Computing SciDAC	878,649.79	0.00	0.00	0.00	878,649.79
2924489/25400/0000000 KA2401032, QIS Research - National Laboratories	980,322.37	0.00	0.00	0.00	980,322.37
2924491/31003/0485396 KA2401034, QIS Technology R&D - National Laboratories	146,782.85	0.00	0.00	0.00	146,782.85
2924366/31003/0485396 KA2501012, National Laboratories	666,141.06	0.00	0.00	0.00	666,141.06
2924372/31003/0485396 KA2502010, Accelerator Infrastructure and Test Facilities	2,369,854.03	0.00	0.00	0.00	2,369,854.03

2924380/25400/0000000	KA2601020, National Laboratories	46,945.06	0.00	0.00	0.00	46,945.06
2924154/25400/0000000	KB0101052, Medium Energy Accelerator R&D Natl Lab Research	91,328.60	0.00	0.00	0.00	91,328.60
2924505/25400/0000000	KC0202022, Quantum Information Science	48,041.17	0.00	0.00	0.00	48,041.17
2924305/25400/0000000	KC0406020, Accelerator and Detector Research	354,000.00	0.00	0.00	0.00	354,000.00
2924476/25400/0000000	KJ0403010, Computational Partnerships - SciDAC	341,000.00	0.00	0.00	0.00	341,000.00
2924408/25400/0000000	KL1003000, Visiting Faculty Program	34,768.93	0.00	0.00	0.00	34,768.93

00500/2019 089-X-0222 - Science Primary Fund (was WA)

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

Period Name: APR-20
PO Number: CH11359
Fund Parent: ALL FUNDS
Fiscal Year: 2020

Reporting Entity:
Allottee:
Run Prior AFP Report?: N
Report Run Type: FINAL
Prior Financial Plan Run Code: CH11359-54 (25-MAR-2020 09:43:15)
Changes Only?: N
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	OCTADJ1-20 BEGINNING	NEW BA			TOTAL AVAILABLE
		UNCONSTED OBLIGATIONS	PREVIOUS	CHANGE	
OPERATING EXPENSES					
00500/2019 089-X-0222 - Science Primary Fund (was WA)					
2924448/32002/0485403 AT1010300, Enabling R&D	1,299,000.00	0.00	0.00	0.00	1,299,000.00
2923652/25400/0000000 FS1001000, Protective Forces	1,264,038.87	0.00	0.00	0.00	1,264,038.87
2923653/25400/0000000 FS1002000, Security Systems	817,508.46	0.00	0.00	0.00	817,508.46
2923655/25400/0000000 FS1005000, Cyber Security	1,575,381.61	0.00	0.00	0.00	1,575,381.61
2923656/25400/0000000 FS1006000, Personnel Security	16,426.74	0.00	0.00	0.00	16,426.74
2923657/25400/0000000 FS1007000, Material Control and Accountability	26,310.85	0.00	0.00	0.00	26,310.85
2923658/25400/0000000 FS1009000, Program Management	60,867.55	0.00	0.00	0.00	60,867.55
2924313/25400/0000000 KA2101020, National Laboratories	3,814,725.78	0.00	0.00	0.00	3,814,725.78
2924314/25400/0000000 KA2101030, University Service Accounts	383,164.00	0.00	0.00	0.00	383,164.00
2924318/25400/0000000 KA2102022, CMS Detector and Computing Support	16,358,961.67	0.00	0.00	0.00	16,358,961.67
2924320/25400/0485491 KA2103011, MIE	11,716,585.91	0.00	0.00	0.00	11,716,585.91
2924320/31001/0485496 KA2103011, MIE	21,078,058.10	0.00	0.00	0.00	21,078,058.10
2924320/31001/0485501 KA2103011, MIE	13,750,000.00	0.00	0.00	0.00	13,750,000.00
2924325/25400/0000000 KA2201020, National Laboratories	373,615.74	0.00	0.00	0.00	373,615.74
2924326/25400/0000000 KA2201030, University Service Accounts	677,659.05	0.00	0.00	0.00	677,659.05
2924329/25400/0000000 KA2202021, Accelerator Operations	16,032,476.98	0.00	0.00	0.00	16,032,476.98
2924329/32003/0485395 KA2202021, Accelerator Operations	4,754,305.56	0.00	0.00	0.00	4,754,305.56
2924330/25400/0000000 KA2202022, Detector and Computing	9,025,023.20	0.00	0.00	0.00	9,025,023.20
2924330/31003/0485396 KA2202022, Detector and Computing	13,909.06	0.00	0.00	0.00	13,909.06
2924331/32002/0485403 KA2202023, Other Complex Support	8,250,000.00	0.00	0.00	0.00	8,250,000.00
2924335/25400/0000000 KA2202040, Sanford Underground Research Facility	1,269,506.25	0.00	0.00	0.00	1,269,506.25
2924342/25400/0485461 KA2203012, Line Item OPC	1,000,000.00	0.00	0.00	0.00	1,000,000.00
2924342/25400/0485490 KA2203012, Line Item OPC	1,556,199.00	0.00	0.00	0.00	1,556,199.00
2924346/25400/0000000 KA2301020, National Laboratories	539,756.71	0.00	0.00	0.00	539,756.71
2924348/25400/0000000 KA2302010, Experimental Operations and Support	1,051,038.72	0.00	0.00	0.00	1,051,038.72
2924353/25400/0000000 KA2303020, Future Project R&D	734,106.95	0.00	0.00	0.00	734,106.95
2924355/25400/0000000 KA2401012, National Laboratories	2,268,772.78	0.00	0.00	0.00	2,268,772.78
2924356/25400/0000000 KA2401019, Other Research	20,578.67	0.00	0.00	0.00	20,578.67
2924357/25400/0000000 KA2401021, Scientific Discovery through Advanced Computing SciDAC	1,499,000.00	0.00	0.00	0.00	1,499,000.00
2924358/25400/0000000 KA2401022, Scientific Computing	1,998,746.55	0.00	0.00	0.00	1,998,746.55
2924489/25400/0000000 KA2401032, QIS Research - National Laboratories	4,375,000.00	0.00	0.00	0.00	4,375,000.00
2924491/25400/0000000 KA2401034, QIS Technology R&D - National Laboratories	3,757,719.65	0.00	0.00	0.00	3,757,719.65
2924491/31003/0485396 KA2401034, QIS Technology R&D - National Laboratories	1,960,000.00	0.00	0.00	0.00	1,960,000.00
2924366/25400/0000000 KA2501012, National Laboratories	6,351,174.41	0.00	0.00	0.00	6,351,174.41
2924366/25400/0302557 KA2501012, National Laboratories	40,160.00	0.00	-40,160.00	-40,160.00	0.00
2925070/25400/0000000 KA2501015, Traineeships	0.00	0.00	40,160.00	40,160.00	40,160.00
2924371/25400/0000000 KA2501032, National Laboratories	1,641,892.90	0.00	0.00	0.00	1,641,892.90
2924372/25400/0000000 KA2502010, Accelerator Infrastructure and Test Facilities	3,228,695.83	0.00	0.00	0.00	3,228,695.83
2924373/25400/0000000 KA2502020, Detector Infrastructure and Test Facilities	557,443.65	0.00	0.00	0.00	557,443.65
2924380/25400/0000000 KA2601020, National Laboratories	502,000.00	0.00	0.00	0.00	502,000.00
2923721/25400/0000000 KB0101022, Medium Energy, Other National Laboratory Research	151,152.01	0.00	0.00	0.00	151,152.01
2924154/25400/0000000 KB0101052, Medium Energy Accelerator R&D Natl Lab Research	650,000.00	0.00	0.00	0.00	650,000.00
2924156/25400/0000000 KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	125,374.39	0.00	0.00	0.00	125,374.39
2924505/25400/0000000 KC0202022, Quantum Information Science	135,000.00	0.00	0.00	0.00	135,000.00
2924510/25400/0000000 KJ0402030, Computer Sciences - Quantum Networks	200,000.00	0.00	0.00	0.00	200,000.00
2924476/25400/0000000 KJ0403010, Computational Partnerships - SciDAC	187,605.00	0.00	0.00	0.00	187,605.00
2924406/25400/0000000 KL1001000, Science Undergraduate Laboratory Internship	50,687.07	0.00	0.00	0.00	50,687.07
2924407/25400/0000000 KL1002000, Community College Internship Program	18,820.21	0.00	0.00	0.00	18,820.21
2924414/25400/0000000 KL1500000, Outreach	41,000.00	0.00	0.00	0.00	41,000.00
00500/2020 089-X-0222 - Science Primary Fund (was WA)					
2923652/25400/0000000 FS1001000, Protective Forces	0.00	1,942,000.00	398,000.00	2,340,000.00	2,340,000.00
2923653/25400/0000000 FS1002000, Security Systems	0.00	631,000.00	129,000.00	760,000.00	760,000.00
2923655/25400/0000000 FS1005000, Cyber Security	0.00	3,232,000.00	663,000.00	3,895,000.00	3,895,000.00
2923656/25400/0000000 FS1006000, Personnel Security	0.00	99,000.00	20,000.00	119,000.00	119,000.00
2923657/25400/0000000 FS1007000, Material Control and Accountability	0.00	58,000.00	12,000.00	70,000.00	70,000.00

2923658/25400/0000000	FS1009000, Program Management	0.00	182,000.00	37,000.00	219,000.00	219,000.00
2924313/25400/0000000	KA2101020, National Laboratories	0.00	12,369,000.00	2,317,550.00	14,686,550.00	14,686,550.00
2924318/25400/0000000	KA2102022, CMS Detector and Computing Support	0.00	19,511,000.00	4,939,000.00	24,450,000.00	24,450,000.00
2924318/31003/0485396	KA2102022, CMS Detector and Computing Support	0.00	1,200,000.00	0.00	1,200,000.00	1,200,000.00
2924320/31001/0485496	KA2103011, MIE	0.00	25,978,000.00	7,201,000.00	33,179,000.00	33,179,000.00
2924325/25400/0000000	KA2201020, National Laboratories	0.00	15,428,000.00	3,528,780.00	18,956,780.00	18,956,780.00
2924326/25400/0000000	KA2201030, University Service Accounts	0.00	12,000.00	0.00	12,000.00	12,000.00
2925054/25400/0000000	KA2201040, Pre-conceptual Design and R&D	0.00	500,000.00	0.00	500,000.00	500,000.00
2924329/25400/0000000	KA2202021, Accelerator Operations	0.00	65,516,000.00	16,584,000.00	82,100,000.00	82,100,000.00
2924329/31003/0485396	KA2202021, Accelerator Operations	0.00	798,000.00	202,000.00	1,000,000.00	1,000,000.00

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

STARS FORMAT - DETAIL

BUDGET AUTHORITY (BA)

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use	OCTADJ1-20 BEGINNING	NEW BA			TOTAL AVAILABLE
		UNCOSTED OBLIGATIONS	PREVIOUS	CHANGE	
OPERATING EXPENSES					
00500/2020 089-X-0222 - Science Primary Fund (was WA)					
2924330/25400/0000000 KA2202022, Detector and Computing	0.00	38,750,000.00	9,680,000.00	48,430,000.00	48,430,000.00
2924331/32002/0485403 KA2202023, Other Complex Support	0.00	10,213,000.00	687,000.00	10,900,000.00	10,900,000.00
2924337/25400/0000000 KA2202811, Special Process Spares	0.00	80,000.00	20,000.00	100,000.00	100,000.00
2924342/25400/0485461 KA2203012, Line Item OPC	0.00	3,192,000.00	808,000.00	4,000,000.00	4,000,000.00
2924342/25400/0485490 KA2203012, Line Item OPC	0.00	494,000.00	0.00	494,000.00	494,000.00
2924346/25400/0000000 KA2301020, National Laboratories	0.00	6,288,000.00	2,092,600.00	8,380,600.00	8,380,600.00
2924348/25400/0000000 KA2302010, Experimental Operations and Support	0.00	1,560,000.00	395,000.00	1,955,000.00	1,955,000.00
2924350/25400/0800044 KA2303011, MIE	0.00	0.00	475,000.00	475,000.00	475,000.00
2924355/25400/0000000 KA2401012, National Laboratories	0.00	7,036,000.00	1,635,200.00	8,671,200.00	8,671,200.00
2924355/31003/0485396 KA2401012, National Laboratories	0.00	600,000.00	0.00	600,000.00	600,000.00
2924356/25400/0000000 KA2401019, Other Research	0.00	0.00	25,000.00	25,000.00	25,000.00
2924357/25400/0000000 KA2401021, Scientific Discovery through Advanced Computing SciDAC	0.00	1,196,000.00	603,000.00	1,799,000.00	1,799,000.00
2924358/25400/0000000 KA2401022, Scientific Computing	0.00	1,151,000.00	546,000.00	1,697,000.00	1,697,000.00
2924489/25400/0000000 KA2401032, QIS Research - National Laboratories	0.00	1,899,000.00	101,000.00	2,000,000.00	2,000,000.00
2924491/25400/0000000 KA2401034, QIS Technology R&D - National Laboratories	0.00	192,000.00	48,000.00	240,000.00	240,000.00
2925064/25400/0000000 KA2401045, Artificial Intelligence and Machine Learning - Comp HEP	0.00	481,000.00	0.00	481,000.00	481,000.00
2924366/25400/0000000 KA2501012, National Laboratories	0.00	8,399,000.00	2,126,000.00	10,525,000.00	10,525,000.00
2924366/31003/0485396 KA2501012, National Laboratories	0.00	1,197,000.00	303,000.00	1,500,000.00	1,500,000.00
2925070/25400/0000000 KA2501015, Traineeships	0.00	40,000.00	0.00	40,000.00	40,000.00
2924371/25400/0000000 KA2501032, National Laboratories	0.00	3,272,000.00	770,400.00	4,042,400.00	4,042,400.00
2924372/25400/0000000 KA2502010, Accelerator Infrastructure and Test Facilities	0.00	15,830,000.00	4,007,000.00	19,837,000.00	19,837,000.00
2924373/25400/0000000 KA2502020, Detector Infrastructure and Test Facilities	0.00	3,990,000.00	1,010,000.00	5,000,000.00	5,000,000.00
2924416/32002/0485403 KG0701000, Facilities and Infrastructure	0.00	2,500,000.00	2,500,000.00	5,000,000.00	5,000,000.00
2924510/25400/0000000 KJ0402030, Computer Sciences - Quantum Networks	0.00	700,000.00	0.00	700,000.00	700,000.00
2924476/25400/0000000 KJ0403010, Computational Partnerships - SciDAC	0.00	174,000.00	0.00	174,000.00	174,000.00
2924406/25400/0000000 KL1001000, Science Undergraduate Laboratory Internship	0.00	192,000.00	0.00	192,000.00	192,000.00
2924407/25400/0000000 KL1002000, Community College Internship Program	0.00	155,000.00	0.00	155,000.00	155,000.00
2924408/25400/0000000 KL1003000, Visiting Faculty Program	0.00	43,000.00	0.00	43,000.00	43,000.00
00674/2018 089-18/19-0228 - DA Primary Fund					
4500001/25400/0000000 TT1020000, Contractual Support Services		14,775.87	0.00	0.00	14,775.87
01050/2014 089-X-0243 - Other Defense Activities (ODA) Primary Fund (was TF)					
3184701/25400/0000000 HQ1001000, Worker Advocacy		4,537.40	0.00	0.00	4,537.40
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	5,000.00
01050/2017 089-X-0243 - Other Defense Activities (ODA) Primary Fund (was TF)					
3184701/25400/0000000 HQ1001000, Worker Advocacy		5,000.00	0.00	0.00	5,000.00
01551/2016 089-X-0309 - Defense Nuclear Nonproliferation (DNN) Primary Fund (was NS)					
2223059/25400/0000000 DN1002020, Domestic Material Protection		10,865.36	0.00	0.00	10,865.36
01551/2020 089-X-0309 - Defense Nuclear Nonproliferation (DNN) Primary Fund (was NS)					
2223152/25400/0000000 DN1005010, Domestic Radiological Security	0.00	6,000.00	0.00	6,000.00	6,000.00
2223180/25400/0000000 DN2010000, Proliferation Detection R&D	0.00	500,000.00	0.00	500,000.00	500,000.00
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		3,011.15	0.00	0.00	3,011.15

05450/2020	089-X-0321 - Energy Efficiency and Renewable Energy (EERE) Primary Fund (P.L. 110-161 FY08) (was ZA)					
1004215/25400/0000000	BT0302000, Space Conditioning and Refrigeration RandD	0.00	75,000.00	0.00	75,000.00	75,000.00
07060/2019	089-19/20-0228 - DA Primary Fund					
4500005/25400/0000000	TT1030030, Other	0.00	53,439.00	0.00	53,439.00	53,439.00
07070/2020	089-20/21-0228 - DA Primary Fund					

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: APR-20
 PO Number: CH11359
 Fund Parent: ALL FUNDS
 Fiscal Year: 2020
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: CH11359-54
 Changes Only?: N
 To Date:
 Report Output Type: FCDS VERSION 2
 Report Output: TEXT

Report Date: 24-APR-20 09:35
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STARS FORMAT - DETAIL

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

BUDGET AUTHORITY (BA)

OCTADJ1-20
 BEGINNING
 UNCODED OBLIGATIONS

NEW BA
 PREVIOUS
 CHANGE
 REVISED

TOTAL AVAILABLE

OPERATING EXPENSES
 07070/2020 089-20/21-0228 - DA Primary Fund
 4500001/25400/0000000 TT1020000, Contractual Support Services

0.00 0.00 55,000.00 55,000.00 55,000.00

GRAND TOTAL:

165,139,959.35 257,714,419.18 63,918,530.00 321,632,949.18 486,772,908.53

STARS FORMAT - DETAIL

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

BUDGET AUTHORITY (BA)

OCTADJ1-20
 BEGINNING
 UNCODED OBLIGATIONS

NEW BA
 PREVIOUS
 CHANGE
 REVISED

TOTAL AVAILABLE

OPERATING EXPENSES (ENVIRONMENTAL)
 00150/2018 089-X-0213 - Fossil Energy Research and Development (FER&D)
 Primary Fund (was JA)
 1611058/25400/0000000 AA7020000, Advanced Storage R&D
 1022370 FY18 TCF Project
 01250/2018 089-X-0251 - Defense Environmental Cleanup Primary Fund (was
 Defense Facilities Closure Projects thru FY03; Defense Site
 1110676/25400/000AccelerEY4049110, Projects to Reduce Technical Risk
 0004263 ADHQTD1002, Enhanced Waste Pretreatment

286,827.00 -286,827.00 0.00 -286,827.00 0.00

0.01 0.00 0.00 0.00 0.01

GRAND TOTAL:

286,827.01 -286,827.00 0.00 -286,827.00 0.01

STARS FORMAT - DETAIL

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

BUDGET AUTHORITY (BA)

OCTADJ1-20
 BEGINNING
 UNCODED OBLIGATIONS

NEW BA
 PREVIOUS
 CHANGE
 REVISED

TOTAL AVAILABLE

CONSTRUCTION (PRN -
 32001)
 00500/2014 089-X-0222 - Science Primary Fund (was WA)
 2924278/32001/0000000 39KG02000PRN13SC70000, 13-SC-70000 Utilities Upgrade at
 FNAL
 00500/2018 089-X-0222 - Science Primary Fund (was WA)

82,555.54 -82,555.54 0.00 -82,555.54 0.00

2924264/32001/0000000	39KA00000PRN11SC41000, 11-SC-410 Muon to Electron Conversion Experiment, FNAL	40,332,039.38	0.00	0.00	0.00	40,332,039.38
2924480/32001/0000000	39KG01000PRN17SC71000, 17-SC-71000 Integrated Engineering Research Center, FNAL	14,519,342.92	0.00	0.00	0.00	14,519,342.92
00500/2019	089-X-0222 - Science Primary Fund (was WA)					
2924263/32001/0000000	39KA00000PRN11SC40000, 11-SC-400 Long Baseline Neutrino	121,471,255.39	0.00	0.00	0.00	121,471,255.39

Financial Plan Number: 55

Allottee: 61 CH - Chicago Operations Office

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: APR-20
 PO Number: CH11359
 Fund Parent: ALL FUNDS
 Fiscal Year: 2020
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: CH11359-54
 Changes Only?: N
 To Date:
 Report Output Type: FCDS VERSION 2
 Report Output: TEXT

Report Date: 24-APR-20 09:35
 Page: 8 of 10

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STARS FORMAT - DETAIL

BUDGET AUTHORITY (BA)

CATEGORY FUND/APPR YEAR Program/OBJ CLASS/Local Use	BUDGET AUTHORITY (BA)				
	OCTADJ1-20 BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE

CONSTRUCTION (PRN - 32001)					
00500/2019 089-X-0222 - Science Primary Fund (was WA)					
Facility Deep Underground Neutrino Experiment LBNF DUNE, FNAL					
2924264/32001/0000000 39KA00000PRN11SC41000, 11-SC-410 Muon to Electron Conversion Experiment, FNAL	30,000,000.00	0.00	0.00	0.00	30,000,000.00
2924534/32001/0000000 39KA00000PRN18SC42000, 18-SC-420 Proton Improvement Plan II PIP-II, FNAL	3,187,883.97	0.00	0.00	0.00	3,187,883.97
2924480/32001/0000000 39KG01000PRN17SC71000, 17-SC-71000 Integrated Engineering Research Center, FNAL	20,000,000.00	0.00	0.00	0.00	20,000,000.00
00500/2020 089-X-0222 - Science Primary Fund (was WA)					
2924263/32001/0000000 39KA00000PRN11SC40000, 11-SC-400 Long Baseline Neutrino Facility Deep Underground Neutrino Experiment LBNF DUNE, FNAL	0.00	130,903,194.00	32,480,072.00	163,383,266.00	163,383,266.00
2924534/32001/0000000 39KA00000PRN18SC42000, 18-SC-420 Proton Improvement Plan II PIP-II, FNAL	0.00	46,632,700.00	11,727,043.00	58,359,743.00	58,359,743.00
2925046/32001/0000000 39KG00000PRN20SC80000, 20-SC-80000 Utilities Infrastructure Project, FNAL	0.00	82,000.00	0.00	82,000.00	82,000.00
2924480/32001/0000000 39KG01000PRN17SC71000, 17-SC-71000 Integrated Engineering Research Center, FNAL	0.00	11,330,400.00	7,895,000.00	19,225,400.00	19,225,400.00
GRAND TOTAL:	229,593,077.20	188,865,738.46	52,102,115.00	240,967,853.46	470,560,930.66

STARS FORMAT - DETAIL

BUDGET AUTHORITY (BA)

CATEGORY FUND/APPR YEAR OBJ CLASS Program WFO	BUDGET AUTHORITY (BA)				
	OCTADJ1-20 BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE

REIMBURSABLE WORK					
00511/2015 089-X-0222 - Science Reimbursable Work with Non-Federal Entities (was 2W)					
25400 Operation and Maintenance of Facilities					
6600151 456160036, Universities And Institutes					
4825071 CHAGRWFO20140005	1,792.31	0.00	0.00	0.00	1,792.31
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
6600151	456160036, Universities And Institutes					
4825095	CHAGRCRADA20140020	1,118.55	0.00	0.00	0.00	1,118.55
4825098	CHAGRSPP20160023	13,997.66	0.00	0.00	0.00	13,997.66
00511/2017	089-X-0222 - Science Reimbursable Work with Non-Federal					

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CATEGORY	FUND/APPR YEAR	OBJ CLASS	Program	WFO	BUDGET AUTHORITY (BA)				
					OCTADJ1-20 BEGINNING	NEW BA			TOTAL AVAILABLE
						UNCOMMITTED OBLIGATIONS	PREVIOUS	CHANGE	
REIMBURSABLE WORK									
00511/2017	089-X-0222	- Science Reimbursable Work with Non-Federal Entities (was 2W)							
25400		Operation and Maintenance of Facilities							
6600147	456160032	Industry - Foreign							
4825086	CHAGRSPP20150298	1,525.00	0.00	0.00	0.00	1,525.00			
6600149	456160034	State And Local Governments And Non-Profit Organizations							
4825079	CHAGRSPP20150006	19,699.42	0.00	0.00	0.00	19,699.42			
6600152	456160037	Other							
4825109	CHAGRCRADA20170022	761.91	0.00	0.00	0.00	761.91			
4825092	CHAGRCRADA20150078	129.45	0.00	0.00	0.00	129.45			
4825094	CHAGRSPP20150011	1,095.23	0.00	0.00	0.00	1,095.23			
00511/2018	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	169.47	0.00	0.00	0.00	169.47			
4825115	CHAGRCRADA20170035	31,850.41	0.00	0.00	0.00	31,850.41			
6600152	456160037	Other							
4825094	CHAGRSPP20150011	18.17	0.00	0.00	0.00	18.17			
4825105	CHAGRCRADA20150015	145.78	0.00	0.00	0.00	145.78			
4825100	CHAGRCRADA20160029	1,112.82	-1,112.82	0.00	-1,112.82	0.00			
4825112	CHAGRSPP20170023	15,482.71	0.00	0.00	0.00	15,482.71			
4825116	CHAGRCRADA20170047	13,081.39	0.00	0.00	0.00	13,081.39			
00511/2019	089-X-0222	- Science Reimbursable Work with Non-Federal Entities (was 2W)							
25400		Operation and Maintenance of Facilities							
6600147	456160032	Industry - Foreign							
4825123	CHAGRSPP20180007	3,302.07	0.00	0.00	0.00	3,302.07			
6600149	456160034	State And Local Governments And Non-Profit Organizations							
4825117	CHAGRSPP20170029	17,096.77	0.00	0.00	0.00	17,096.77			
4825079	CHAGRSPP20150006	102,670.00	0.00	0.00	0.00	102,670.00			
6600151	456160036	Universities And Institutes							
4825119	CHAGRCRADA20180014	2,896.40	0.00	0.00	0.00	2,896.40			
4825131	CHAGRCRADA20180063	29,547.85	0.00	0.00	0.00	29,547.85			
6600152	456160037	Other							
4825129	CHAGRSPP20190015	61,249.39	-61,249.39	0.00	-61,249.39	0.00			
4825113	CHAGRCRADA20170027	959.29	0.00	0.00	0.00	959.29			
4825126	CHAGRCRADA20180057	9,820.66	0.00	0.00	0.00	9,820.66			
4825125	CHAGRCRADA20180052	3,985.42	0.00	0.00	0.00	3,985.42			
4825127	CHAGRSPP20180064	3,163.02	0.00	0.00	0.00	3,163.02			
4825120	CHAGRCRADA20180016	554.75	0.00	0.00	0.00	554.75			
4825122	CHAGRCRADA20180038	592.39	-592.39	0.00	-592.39	0.00			
4825128	CHAGRSPP20180066	2,736.16	0.00	0.00	0.00	2,736.16			
4825121	CHAGRCRADA20180031	21,770.31	0.00	0.00	0.00	21,770.31			
00511/2020	089-X-0222	- Science Reimbursable Work with Non-Federal							

25400	Entities (was 2W)					
	Operation and Maintenance of Facilities					
6600147	456160032, Industry - Foreign					
4825123	CHAGRSPP20180007	0.00	2,087.38	0.00	2,087.38	2,087.38
4825086	CHAGRSPP20150298	0.00	173,747.57	0.00	173,747.57	173,747.57
6600151	456160036, Universities And Institutes					
4825131	CHAGRCRADA20180063	0.00	30,637.50	0.00	30,637.50	30,637.50
6600152	456160037, Other					

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CATEGORY	FUND/APPR YEAR	OBJ CLASS	Program	WFO	BUDGET AUTHORITY (BA)					
					OCTADJ1-20 BEGINNING UNCOSTED OBLIGATIONS	PREVIOUS	NEW BA CHANGE	REVISED	TOTAL AVAILABLE	
REIMBURSABLE WORK										
00511/2020	089-X-0222	- Science Reimbursable Work with Non-Federal Entities (was 2W)								
25400	6600152	Operation and Maintenance of Facilities								
4825094	CHAGRSPP20150011				0.00	14.71	0.00	14.71	14.71	
4825133	CHAGRCRADA20170027E				0.00	32,273.00	0.00	32,273.00	32,273.00	
4825136	CHAGRCRADA20190024				0.00	9,416.86	0.00	9,416.86	9,416.86	
4825132	CHAGRCRADA20190029C				0.00	15,000.00	0.00	15,000.00	15,000.00	
4825137	CHAGRCRADA20190003				0.00	18,688.24	0.00	18,688.24	18,688.24	
4825135	CHAGRCRADA20190029B				0.00	19,900.00	0.00	19,900.00	19,900.00	
4825130	CHAGRSPP20190009				0.00	1,026.41	0.00	1,026.41	1,026.41	
4825128	CHAGRSPP20180066				0.00	21,271.00	0.00	21,271.00	21,271.00	
4825125	CHAGRCRADA20180052				0.00	28,869.00	0.00	28,869.00	28,869.00	
4825126	CHAGRCRADA20180057				0.00	44,162.61	0.00	44,162.61	44,162.61	
4825134	CHAGRCRADA20190025				0.00	6,507.00	0.00	6,507.00	6,507.00	
00512/2017										
00512/2017	089-X-0222	- Science Reimbursable Work with Other Federal Agencies (was 3W)								
25400	6600014	Operation and Maintenance of Facilities								
4825111	CHAGRW81EWF72491229				420,146.57	0.00	0.00	0.00	420,146.57	
6600050	456140196, NASA Other									
4825108	CHAGRNNGL7P202I				13,741.95	0.00	0.00	0.00	13,741.95	
00512/2018										
00512/2018	089-X-0222	- Science Reimbursable Work with Other Federal Agencies (was 3W)								
25400	6600014	Operation and Maintenance of Facilities								
4825111	CHAGRW81EWF72491229				187,210.00	0.00	0.00	0.00	187,210.00	
00512/2020										
00512/2020	089-X-0222	- Science Reimbursable Work with Other Federal Agencies (was 3W)								
25400	6600050	Operation and Maintenance of Facilities								
4825138	456140196, NASA Other									
4825138	CHAGR80GSPC20T0056				0.00	9,149.51	0.00	9,149.51	9,149.51	
GRAND TOTAL:					983,605.46	349,796.19	0.00	349,796.19	1,333,401.65	