

BROOKHAVEN NATIONAL LABORATORY
CONTRACT MOD # 0142 [Apr11]
DE-SC0012704

Func Code	Func Code Title	Appropriat Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Unencumbered Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
150	089-X-02112018	25400	Operation	AA6000000		C002841	1611051	AA601000, Advanced Combustion Systems	0	Default WF 302017	TCF Funding - Managed by OTT	\$121,207.00	\$0.00	\$0.00	\$0.00	\$121,207.00
150	089-X-02132016	25400	Operation	AA6000000		C002841	1611051	AA601000, Advanced Combustion Systems	0	Default WF 302017	TCF Funding - Managed by OTT	\$70,469.99	\$0.00	\$0.00	\$0.00	\$70,469.99
150	089-X-02132016	25400	Operation	AA6000000		C002841	1611272	AA6070000, Transformative Power Generation	0	Default WF 302017	TCF Funding - Managed by OTT	\$488,763.00	\$0.00	\$0.00	\$0.00	\$488,763.00
500	089-X-02222018	25400	Operation	KC0000000		C002853	2923803	KC0301020, DO NOT USE!!! Chemical Physics	0	Default WF 0	Default Local Use Value	\$35,761.30	\$0.00	\$0.00	\$0.00	\$35,761.30
500	089-X-02222018	25400	Operation	KC0000000		C002852	2924371	KA2501022, National Laboratories - Chemical Physics	0	Default WF 0	Default Local Use Value	\$1,007,519.74	\$0.00	\$0.00	\$0.00	\$1,007,519.74
500	089-X-02222018	25400	Operation	KC0000000		C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations	0	Default WF 0	Default Local Use Value	\$386,964.47	\$0.00	\$0.00	\$0.00	\$386,964.47
500	089-X-02222018	25400	Operation	KC0000000		C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default WF 0	Default Local Use Value	\$1,132,536.99	\$0.00	\$0.00	\$0.00	\$1,132,536.99
500	089-X-02222016	25400	Operation	KA0000000		C002852	2924369	KA2501022, Muon Accelerators	0	Default WF 0	Default Local Use Value	\$274,718.92	-\$200,000.00	\$0.00	-\$200,000.00	\$74,718.92
500	089-X-02222017	25400	Operation	KA0000000		C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WF 0	Default Local Use Value	\$2,088.07	\$0.00	\$0.00	\$0.00	\$2,088.07
500	089-X-02222017	31001	Major Item	KA0000000		C002852	2924320	KA2103011, MIE	0	Default WF 485486	CHEQMIE310D	\$8,306,292.02	-\$3,590,000.00	\$0.00	-\$3,590,000.00	\$4,806,292.02
500	089-X-02222018	25400	Operation	KP0000000		C001024	2924514	KP1605010, DO NOT USE!!!	0	Default WF 0	Default Local Use Value	\$2,300,000.00	\$0.00	\$0.00	\$0.00	\$2,300,000.00
500	089-X-02222017	25400	Operation	KP0000000		C001024	2924203	KP1601040, Computational Biosciences	0	Default WF 0	Default Local Use Value	\$23,025.11	\$0.00	\$0.00	\$0.00	\$23,025.11
500	089-X-02222018	25400	Operation	KP0000000		C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default WF 0	Default Local Use Value	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00
500	089-X-02222018	25400	Operation	KP0000000		C001024	2924462	KP1703040, DO NOT USE!!! Climate Model Development	0	Default WF 0	Default Local Use Value	\$1,392,000.00	\$0.00	\$0.00	\$0.00	\$1,392,000.00
500	089-X-02222017	25400	Operation	KA0000000		C002852	2924357	KA2401021, Scientific Discovery through Advanced Con	0	Default WF 0	Default Local Use Value	\$110,074.05	\$0.00	\$0.00	\$0.00	\$110,074.05
500	089-X-02222018	25400	Operation	KC0000000		C002853	2923807	KC0302010, Chemical Energy	0	Default WF 0	Default Local Use Value	\$2,035,609.08	\$0.00	\$0.00	\$0.00	\$2,035,609.08
500	089-X-02222018	25400	Operation	KC0000000		C002852	2924355	KA2401012, National Laboratories	0	Default WF 0	Default Local Use Value	\$1,019,423.20	\$0.00	\$0.00	\$0.00	\$1,019,423.20
500	089-X-02222018	25400	Operation	KC0000000		C002853	2924193	KC0307010, Energy Frontier Research Centers: EFRCS	0	Default WF 0	Default Local Use Value	\$1,812,764.94	\$0.00	\$0.00	\$0.00	\$1,812,764.94
500	089-X-02222017	32003	Accelerator	KA0000000		C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default WF 485395	CHAP	\$304,031.06	\$0.00	\$0.00	\$0.00	\$304,031.06
500	089-X-02222018	25400	Operation	FS1000000		C000984	2923658	FS1009000, Program Management	0	Default WF 0	Default Local Use Value	\$271,152.11	\$0.00	\$0.00	\$0.00	\$271,152.11
500	089-X-02222018	25400	Operation	KP0000000		C001024	2924293	KP1607010, Biomedical Characterization and Imaging	0	Default WF 0	Default Local Use Value	\$0.00	\$3,750,000.00	\$0.00	\$0.00	\$3,750,000.00
500	089-X-02222018	25400	Operation	KA0000000		C002852	2924328	KA2202010, Experimental Operations and Support	0	Default WF 0	Default Local Use Value	\$0.00	\$2,353,000.00	\$497,000.00	\$2,850,000.00	\$2,850,000.00
500	089-X-02222019	25400	Operation	FS1000000		C000984	2923655	FS1005000, Cyber Security	0	Default WF 0	Default Local Use Value	\$0.00	\$2,641,000.00	\$510,000.00	\$3,151,000.00	\$3,151,000.00
500	089-X-02222019	25400	Operation	KC0000000		C002853	2923807	KC0302010, Chemical Energy	0	Default WF 0	Default Local Use Value	\$0.00	\$2,651,000.00	\$955,000.00	\$3,606,000.00	\$3,606,000.00
500	089-X-02222019	25400	Operation	KC0000000		C002852	2924380	KC0406020, Accelerator and Detector Research	0	Default WF 0	Default Local Use Value	\$0.00	\$588,000.00	\$212,000.00	\$800,000.00	\$800,000.00
500	089-X-02222019	25400	Operation	KC0000000		C001021	2924100	KA1100100, Science Undergraduate Laboratory Interns	0	Default WF 0	Default Local Use Value	\$1,486,000.00	\$0.00	\$0.00	\$0.00	\$1,486,000.00
500	089-X-02222019	25400	Operation	KP0000000		C001024	2924204	KP1601050, Bioenergy Research Centers	0	Default WF 0	Default Local Use Value	\$0.00	\$1,308,000.00	\$0.00	\$0.00	\$1,308,000.00
500	089-X-02222019	25400	Operation	FS1000000		C000984	2923654	FS1004000, Information Security	0	Default WF 0	Default Local Use Value	\$0.00	\$399,000.00	\$0.00	\$0.00	\$399,000.00
500	089-X-02222019	25400	Operation	KC0000000		C002853	2924472	KC0201070, X-Ray Scattering	0	Default WF 0	Default Local Use Value	\$0.00	\$1,250,000.00	\$450,000.00	\$1,700,000.00	\$1,700,000.00
500	089-X-02222019	25400	Operation	KB0000000		C001009	2923734	KB0201022, Heavy Ion, Other National Laboratory Rese	0	Default WF 0	Default Local Use Value	\$0.00	\$0.00	\$132,000.00	\$132,000.00	\$132,000.00
500	089-X-02222019	25400	Operation	KB0000000		C001009	2924018	KB0203040, Computational Partnerships - SciDAC	0	Default WF 0	Default Local Use Value	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
500	089-X-02222017	25400	Operation	KC0000000		C002853	2924192	KC0207010, Energy Frontier Research Centers: EFRCS	0	Default WF 0	Default Local Use Value	\$793,878.52	\$0.00	\$0.00	\$0.00	\$793,878.52
500	089-X-02222018	25400	Operation	KA0000000		C002852	2924357	KA2401021, Scientific Discovery through Advanced Con	0	Default WF 0	Default Local Use Value	\$120,000.00	\$0.00	\$0.00	\$0.00	\$120,000.00
500	089-X-02222018	25400	Operation	KA0000000		C002852	2924358	KA2401022, Scientific Computing	0	Default WF 0	Default Local Use Value	\$268,446.75	\$0.00	\$0.00	\$0.00	\$268,446.75
500	089-X-02222018	25400	Operation	KC0000000		C002852	2924405	KC0201060, Neutron and X-Ray Scattering	0	Default WF 0	Default Local Use Value	\$1,237,103.30	\$0.00	\$0.00	\$0.00	\$1,237,103.30
500	089-X-02222018	31001	Major Item	KA0000000		C001024	2924243	KA2103011, MIE	0	Default WF 485396	CHEQMIE618	\$4,024,459.15	\$0.00	\$1,815,000.00	\$0.00	\$5,839,459.15
500	089-X-02222017	25400	Operation	KA0000000		C002852	2924366	KA2501012, National Laboratories	0	Default WF 0	Default Local Use Value	\$257.97	\$0.00	\$0.00	\$0.00	\$257.97
500	089-X-02222018	31001	Major Item	KA0000000		C002852	2924320	KA2103011, MIE	0	Default WF 485496	CHEQMIE618L	\$733,031.10	\$0.00	\$0.00	\$0.00	\$733,031.10
500	089-X-02222018	25400	Operation	KB0000000		C001009	2923731	KB0101022, Medium Energy, Other National Laborator	0	Default WF 0	Default Local Use Value	\$688,859.70	\$0.00	\$0.00	\$0.00	\$688,859.70
500	089-X-02222018	25400	Operation	KA0000000		C002852	2924405	KC0406020, Accelerator and Detector Research	0	Default WF 0	Default Local Use Value	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
500	089-X-02222018	25400	Operation	KB0000000		C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Nat Lab Resea	0	Default WF 0	Default Local Use Value	\$577,177.69	\$0.00	\$0.00	\$0.00	\$577,177.69
500	089-X-02222018	25400	Operation	KP0000000		C001024	2924216	KP1703020, DO NOT USE!!! Earth System Modelin	0	Default WF 0	Default Local Use Value	\$101,000.00	\$0.00	\$0.00	\$0.00	\$101,000.00
500	089-X-02222018	31003	Other Equip	KB0000000		C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 485396	CHEQU	\$1,200,000.00	\$0.00	\$0.00	\$0.00	\$1,200,000.00
500	089-X-02222017	25400	Operation	KP0000000		C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WF 0	Default Local Use Value	\$2,061,441.13	\$0.00	\$0.00	\$0.00	\$2,061,441.13
500	089-X-02222018	31003	Other Equip	KA0000000		C002852	2924325	KA2103011, MIE	0	Default WF 485396	CHEQMIE618	\$13,362,668.03	\$0.00	\$0.00	\$0.00	\$13,362,668.03
500	089-X-02222018	32003	Accelerator	KB0000000		C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485395	CHAP	\$2,440,000.00	\$0.00	\$0.00	\$0.00	\$2,440,000.00
500	089-X-02222018	25400	Operation	KP0000000		C001024	2924216	KP1703020, DO NOT USE!!! Earth System Modelin	0	Default WF 0	Default Local Use Value	\$326,000.00	\$0.00	\$0.00	\$0.00	\$326,000.00
500	089-X-02222019	32003	Accelerator	KC0000000		C002853	2924233	KC0401040, National Synchrotron Light Source II: BNL	0	Default WF 485395	CHAP	\$0.00	\$3,500,000.00	\$0.00	\$3,500,000.00	\$3,500,000.00
500	089-X-02222017	25400	Operation	KA0000000		C002852	2924380	KA2601020, National Laboratories	0	Default WF 0	Default Local Use Value	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
500	089-X-02222019	31001	Major Item	KA0000000		C002852	2924325	KA2103011, MIE	0	Default WF 485496	CHEQMIE618	\$4,024,459.15	\$0.00	\$1,885,000.00	\$0.00	\$5,909,459.15
500	089-X-02222019	25400	Operation	KA0000000		C002852	2924313	KA2101020, National Laboratories	0	Default WF 0	Default Local Use Value	\$0.00	\$4,608,000.00	\$692,000.00	\$5,300,000.00	\$5,300,000.00
500	089-X-02222019	25400	Operation	KA0000000		C002852	2924355	KA2401012, National Laboratories	0	Default WF 0	Default Local Use Value	\$0.00	\$3,025,000.00	\$425,000.00	\$3,450,000.00	\$3,450,000.00
500	089-X-02222019	25400	Operation	FS1000000		C000984	2923657	FS1007000, Material Control and Accountability	0	Default WF 0	Default Local Use Value	\$0.00	\$555,000.00	\$107,000.00	\$662,000.00	\$662,000.00
500	089-X-02222017	25400	Operation	KA0000000		C002852	2924380	KA2601020, National Laboratories	0	Default WF 0	Default Local Use Value	\$0.00	\$67,138.39	\$67,138.39	\$67,138.39	\$67,138.39
500	089-X-02222018	31003	Other Equip	FS1000000		C001021	2924406	FS1005010, Structural Biology Infrastructure	0	Default WF 0	Default Local Use Value	\$583,204.96	\$0.00	\$0.00	\$0.00	\$583,204.96
500	089-X-02222018	31003	Other Equip	FS1000000		C001021	2924406	FS1005010, Structural Biology Infrastructure	0	Default WF 0	Default Local Use Value	\$513,683.24	\$0.00	\$0.00	\$0.00	\$513,683.24
500	089-X-02222016	31003	Other Equip	FS1000000		C000984	2923655	FS1005000, Cyber Security	0	Default WF 485396	CHEQU	\$508,268.60	-\$508,268.60	\$0.00	-\$508,268.60	\$0.00
500	089-X-02222018	254														

500	089-X-02222018	25400	Operation	1K0000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default WF 0	Default Local Use Value	\$1,261,148.79	\$0.00	\$0.00	\$0.00	\$1,261,148.79
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924200	KP1601010, Informational Research	0	Default WF 0	Default Local Use Value	\$1,737,000.00	\$0.00	\$0.00	\$0.00	\$1,737,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924200	KP1601010, Informational Research	0	Default WF 0	Default Local Use Value	\$28,201.00	\$0.00	\$0.00	\$0.00	\$28,201.00
500	089-X-02222018	25400	Operation	1K0000000	C000984	2923656	FS1006000, Personnel Security	0	Default WF 0	Default Local Use Value	\$23,192.50	\$0.00	\$0.00	\$0.00	\$23,192.50
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924200	KP1601040, Computational Biosciences	0	Default WF 0	Default Local Use Value	\$0.00	\$330,000.00	\$0.00	\$330,000.00	\$330,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924496	KA2602020, Accelerator Test Facility ATF Operations	0	Default WF 0	Default Local Use Value	\$0.00	\$3,816,000.00	\$573,000.00	\$4,389,000.00	\$4,389,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924231	KA2901032, National Laboratories	0	Default WF 0	Default Local Use Value	\$0.00	\$1,198,000.00	\$120,000.00	\$1,400,000.00	\$1,400,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WF 0	Default Local Use Value	\$0.00	\$703,000.00	\$0.00	\$703,000.00	\$703,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default WF 0	Default Local Use Value	\$0.00	\$1,271,000.00	\$1,500,000.00	\$2,771,000.00	\$2,771,000.00
500	089-X-02222018	25400	Operation	1K0000000	C000182	2924134	KJ0401000, Applied Mathematics Research	0	Default WF 0	Default Local Use Value	\$0.00	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924327	KA2201090, Other Research	0	Default WF 0	Default Local Use Value	\$0.00	\$726,000.00	\$0.00	\$726,000.00	\$726,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effect	0	Default WF 0	Default Local Use Value	\$0.00	\$147,000.00	\$53,000.00	\$200,000.00	\$200,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924200	KP1601010, Heavy Ion, RHEC Experimental Support	0	Default WF 0	Default Local Use Value	\$5,310,000.00	\$0.00	\$0.00	\$5,310,000.00	\$5,310,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scattering	0	Default WF 0	Default Local Use Value	\$0.00	\$49,700.00	\$821,000.00	\$1,300,000.00	\$1,300,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923736	KB0202011, Heavy Ion, RHEC Accelerator Operations	0	Default WF 0	Default Local Use Value	\$0.00	\$108,720,000.00	\$27,546,000.00	\$136,266,000.00	\$136,266,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WF 0	Default Local Use Value	\$0.00	\$3,590,000.00	\$0.00	\$3,590,000.00	\$3,590,000.00
500	089-X-02222018	31003	Other	1K0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WF 485396	CHEU	\$0.00	\$0.00	\$3,385,000.00	\$3,385,000.00	\$3,385,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default WF 0	Default Local Use Value	\$0.00	\$0.00	\$629,138.39	\$629,138.39	\$629,138.39
500	089-X-02222018	25400	Operation	1K0000000	C000984	2923656	FS1006000, Personnel Security	0	Default WF 0	Default Local Use Value	\$17,935.90	\$0.00	\$0.00	\$17,935.90	\$17,935.90
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924300	KC0304030, DO NOT USE!!! Solar Photochemistry	0	Default WF 0	Default Local Use Value	\$1,609,603.03	\$0.00	\$0.00	\$1,609,603.03	\$1,609,603.03
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Rese	0	Default WF 0	Default Local Use Value	\$352,000.00	\$0.00	\$0.00	\$352,000.00	\$352,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory R	0	Default WF 0	Default Local Use Value	\$1,456,174.09	\$0.00	\$0.00	\$1,456,174.09	\$1,456,174.09
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II BNL	0	Default WF 485395	CHAP	\$331,483.16	\$0.00	\$0.00	\$331,483.16	\$331,483.16
500	089-X-02222018	25400	Operation	1K0000000	C002852	2923881	KA1102012, Proton Facilities - Chng in Inventories, Con	0	Default WF 0	Default Local Use Value	\$108,955.60	\$0.00	-\$629,138.39	-\$629,138.39	\$150,817.20
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923728	KB0181012, Nuclear Physics - BNL-Tandem	0	Default WF 0	Default Local Use Value	\$34,228.17	\$0.00	\$0.00	\$34,228.17	\$34,228.17
500	089-X-02222018	25400	Operation	1K0000000	C002853	2923774	KC0202020, DO NOT USE!!! Experimental Condensed M	0	Default WF 0	Default Local Use Value	\$23,536.89	\$0.00	\$0.00	\$23,536.89	\$23,536.89
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Re	0	Default WF 0	Default Local Use Value	\$257,253.17	\$0.00	\$0.00	\$257,253.17	\$257,253.17
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923737	KB0401022, Low Energy, Other National Laboratory Re	0	Default WF 0	Default Local Use Value	\$400,000.00	\$0.00	\$0.00	\$400,000.00	\$400,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924336	KA2202000, Other Facilities	0	Default WF 0	Default Local Use Value	\$21,653.22	\$0.00	\$0.00	\$21,653.22	\$21,653.22
500	089-X-02222018	25400	Operation	1K0000000	C000984	2923657	FS1007000, Material Control and Accountability	0	Default WF 0	Default Local Use Value	\$602,807.81	\$0.00	\$0.00	\$602,807.81	\$602,807.81
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923733	KB0201021, Heavy Ion, RHEC Research	0	Default WF 0	Default Local Use Value	\$2,137,071.38	\$0.00	\$0.00	\$2,137,071.38	\$2,137,071.38
500	089-X-02222018	25400	Operation	1K0000000	C002853	2923769	KC0201010, Structure of Materials	0	Default WF 0	Default Local Use Value	\$1,768,712.78	\$0.00	\$0.00	\$1,768,712.78	\$1,768,712.78
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923737	KB0201021, Heavy Ion, RHEC Research	0	Default WF 0	Default Local Use Value	\$55,000.00	\$0.00	\$0.00	\$55,000.00	\$55,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002853	2923769	KC0201010, Structure of Materials	0	Default WF 0	Default Local Use Value	\$0.00	\$2,373,000.00	\$1,146,000.00	\$3,519,000.00	\$3,519,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923721	KB0101022, Medium Energy, Other National Laborato	0	Default WF 0	Default Local Use Value	\$0.00	\$1,680,000.00	\$472,000.00	\$2,152,000.00	\$2,152,000.00
500	089-X-02222018	31003	Other	1K0000000	C001009	2923736	KB0202011, Heavy Ion, RHEC Accelerator Operations	0	Default WF 485396	CHEU	\$0.00	\$660,000.00	\$1,189,000.00	\$1,849,000.00	\$1,849,000.00
500	089-X-02222018	32001	Construct	3K9A0001000	C003087	2924481	39K01000PRN175C73000 Core Facility Revitalization, O	0	Default WF 0	Default Local Use Value	\$0.00	\$25,490,348.00	\$12,388,659.00	\$37,879,007.00	\$37,879,007.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923737	KB0202012, Heavy Ion, RHEC Experimental Support	0	Default WF 485396	CHEU	\$0.00	\$584,000.00	\$180,000.00	\$764,000.00	\$764,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924356	KA2401019, Other Research	0	Default WF 0	Default Local Use Value	\$0.00	\$1,288,000.00	\$410,000.00	\$1,698,000.00	\$1,698,000.00
500	089-X-02222018	31003	Other	1K0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials BNL	0	Default WF 0	Default Local Use Value	\$0.00	\$1,134,000.00	-\$114,000.00	\$0.00	\$1,020,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924205	KC0406020, Accelerator and Detector Research	0	Default WF 0	Default Local Use Value	\$117,489.73	\$0.00	\$0.00	\$117,489.73	\$117,489.73
500	089-X-02222018	25400	Operation	1K0000000	C000984	2923656	FS1006000, Personnel Security	0	Default WF 0	Default Local Use Value	\$400,545.66	\$0.00	\$0.00	\$400,545.66	\$400,545.66
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924205	KP1602020, Radiobiology	0	Default WF 0	Default Local Use Value	\$5,187.28	\$0.00	\$0.00	\$5,187.28	\$5,187.28
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924462	KP1703040, DO NOT USE!!! Climate Model Developme	0	Default WF 0	Default Local Use Value	\$416,307.62	\$0.00	\$0.00	\$416,307.62	\$416,307.62
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Rese	0	Default WF 0	Default Local Use Value	\$203,265.87	\$0.00	\$0.00	\$203,265.87	\$203,265.87
500	089-X-02222018	31003	Other	1K0000000	C001009	2923737	KB0202012, Heavy Ion, RHEC Experimental Support	0	Default WF 485396	CHEU	\$152,638.30	\$0.00	\$0.00	\$152,638.30	\$152,638.30
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924313	KA2102012, National Laboratories	0	Default WF 0	Default Local Use Value	\$15,617,704.64	\$0.00	\$0.00	\$15,617,704.64	\$15,617,704.64
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924313	KA2102012, National Laboratories	0	Default WF 0	Default Local Use Value	\$2,784,398.80	\$0.00	\$0.00	\$2,784,398.80	\$2,784,398.80
500	089-X-02222018	32001	Construct	3K9A0001000	C002786	2924263	39KAA0000PRN115C40000, Long Baseline Neutrino Fac	0	Default WF 0	Default Local Use Value	\$629,609.74	\$0.00	\$0.00	\$629,609.74	\$629,609.74
500	089-X-02222018	25400	Operation	1K0000000	C001024	2924205	KP1602010, Radiochemistry and Imaging Instrumentat	0	Default WF 0	Default Local Use Value	\$3,933.57	\$0.00	\$0.00	\$3,933.57	\$3,933.57
500	089-X-02222018	32001	Construct	3K9A0001000	C003087	2924481	39K01000PRN175C73000 Core Facility Revitalization, O	0	Default WF 0	Default Local Use Value	\$29,414,962.47	\$0.00	\$0.00	\$29,414,962.47	\$29,414,962.47
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923737	KB0202012, Heavy Ion, RHEC Experimental Support	0	Default WF 0	Default Local Use Value	\$21,408,078.04	\$0.00	\$0.00	\$21,408,078.04	\$21,408,078.04
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default WF 0	Default Local Use Value	\$2,875,000.00	\$0.00	\$0.00	\$2,875,000.00	\$2,875,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default WF 0	Default Local Use Value	\$0.00	\$1,881,000.00	\$679,000.00	\$2,560,000.00	\$2,560,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default WF 0	Default Local Use Value	\$0.00	\$482,000.00	\$0.00	\$482,000.00	\$482,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002853	2924306	KC0202031, Theoretical Condensed Matter Physics	0	Default WF 0	Default Local Use Value	\$0.00	\$1,440,000.00	\$518,000.00	\$1,958,000.00	\$1,958,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923737	KB0202012, Heavy Ion, RHEC Experimental Support	0	Default WF 0	Default Local Use Value	\$1,500,000.00	\$0.00	\$0.00	\$1,500,000.00	\$1,500,000.00
500	089-X-02222018	31001	Major Item	KA0000000	C002852	2924320	KA2102012, National Laboratories	0	Default WF 485498	CHEMQUES1BM	\$0.00	\$21,286,000.00	\$2,234,000.00	\$23,520,000.00	\$23,520,000.00
500	089-X-02222018	25400	Operation	1K0000000	C000984	2923656	FS1006000, Personnel Security	0	Default WF 0	Default Local Use Value	\$0.00	\$461,000.00	\$89,000.00	\$550,000.00	\$550,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory O	0	Default WF 0	Default Local Use Value	\$0.00	\$3,130,000.00	\$828,000.00	\$3,958,000.00	\$3,958,000.00
500	089-X-02222018	25400	Operation	1K0000000	C002852	2924348	KA2302010, Experimental Operations and Support	0	Default WF 0	Default Local Use Value	\$0.00	\$188,000.00	\$32,000.00	\$220,000.00	\$220,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory O	0	Default WF 0	Default Local Use Value	\$0.00	\$200,000.00	\$0.00	\$200,000.00	\$200,000.00
500	089-X-02222018	25400	Operation	1K0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory O	0	Default WF 0	Default Local Use Value	\$0.00	\$1,890,000.00	\$1,423,000.00	\$3,313,000.00	\$3,313,000.00</

511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861162	CHAGR84.D	Default Local Use Value	\$0.00	\$0.00	\$6,000.00	\$6,000.00	\$6,000.00
511	089-X-02222018	25400	Operation 456100000	C03005	6600147	456160032, Industry - Foreign	4860813	CHAGR87.Z	Default Local Use Value	\$116,420.64	\$0.00	\$0.00	\$0.00	\$116,420.64
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4860969	CHAGR87.Z	Default Local Use Value	\$5,967.69	\$0.00	\$0.00	\$0.00	\$5,967.69
511	089-X-02222017	25400	Operation 456100000	C03005	6600145	456160031, Industry - Domestic	4861017	CHAGR84.R	Default Local Use Value	\$644.23	\$0.00	\$0.00	\$0.00	\$644.23
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4860946	CHAGR87.Z	Default Local Use Value	\$899.96	\$0.00	\$0.00	\$0.00	\$899.96
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4860969	CHAGR87.Z	Default Local Use Value	\$7,150.96	\$0.00	\$0.00	\$0.00	\$7,150.96
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861020	CHAGR84.D	Default Local Use Value	\$1,704.11	-\$1,481.04	-\$1,036.18	-\$2,517.22	-\$811.11
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861129	CHAGR87.Z	Default Local Use Value	\$91,831.68	\$0.00	\$0.00	\$0.00	\$91,831.68
511	089-X-02222019	25400	Operation 456100000	C03005	6600145	456160031, Industry - Domestic	4861141	CHAGR84.R	Default Local Use Value	\$0.00	\$18,693.00	\$0.00	\$18,693.00	\$18,693.00
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861053	CHAGR84.Z	Default Local Use Value	\$0.00	\$213,541.00	\$0.00	\$213,541.00	\$213,541.00
511	089-X-02222019	25400	Operation 456100000	C03005	6600147	456160032, Industry - Foreign	4801577	CH AGR87.Z	Default Local Use Value	\$0.00	\$25,242.72	\$0.00	\$25,242.72	\$25,242.72
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861066	CHAGR84.Z	Default Local Use Value	\$0.00	\$31,567.19	\$0.00	\$31,567.19	\$31,567.19
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861138	AGR84.M.1	Default Local Use Value	\$121,126.75	\$10,311.54	\$0.00	\$131,438.29	\$131,438.29
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4860936	CHAGR87.Z	Default Local Use Value	\$0.00	\$2,999.88	\$0.00	\$2,999.88	\$2,999.88
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861157	CHAGR84.D	Default Local Use Value	\$0.00	\$45,000.00	\$0.00	\$45,000.00	\$45,000.00
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861099	CHAGR84.Z	Default Local Use Value	\$2.94	\$0.00	\$0.00	\$0.00	\$2.94
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861097	CHAGR84.Z	Default Local Use Value	\$40,609.65	\$0.00	\$0.00	\$0.00	\$40,609.65
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861063	CHAGR84.Z	Default Local Use Value	\$22,087.46	\$0.00	\$0.00	\$0.00	\$22,087.46
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861121	CHAGR84.D	Default Local Use Value	\$24,271.84	\$0.00	\$0.00	\$0.00	\$24,271.84
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861023	CHAGR84.D	Default Local Use Value	\$6,387.34	-\$6,387.34	\$0.00	-\$6,387.34	\$0.00
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861022	CHAGR84.R	Default Local Use Value	\$2,548,416.05	\$0.00	\$0.00	\$0.00	\$2,548,416.05
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861115	CHAGR84.Z	Default Local Use Value	\$0.00	\$23,358.82	\$0.00	\$23,358.82	\$23,358.82
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861102	CHAGR84.Z	Default Local Use Value	\$0.00	\$19,031.97	\$0.00	\$19,031.97	\$19,031.97
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861100	CHAGR84.Z	Default Local Use Value	\$0.00	\$50,507.48	\$0.00	\$50,507.48	\$50,507.48
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861163	CHAGR84.R	Default Local Use Value	\$0.00	\$17,864.00	\$0.00	\$17,864.00	\$17,864.00
511	089-X-02222016	25400	Operation 456100000	C03005	6600145	456160031, Industry - Domestic	4860880	CHAGR87.Z	Default Local Use Value	\$3,397.00	\$0.00	\$0.00	\$0.00	\$3,397.00
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861093	CHAGR84.Z	Default Local Use Value	\$39,507.26	\$0.00	\$0.00	\$0.00	\$39,507.26
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861060	CHAGR84.Z	Default Local Use Value	\$19,067.88	-\$19,067.88	\$0.00	-\$19,067.88	\$0.00
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4860831	CHAGR87.Z	Default Local Use Value	\$176.63	-\$176.63	\$0.00	-\$176.63	\$0.00
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861107	CHAGR84.Z	Default Local Use Value	\$37,074.29	\$0.00	\$0.00	\$0.00	\$37,074.29
511	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861053	CHAGR84.Z	Default Local Use Value	\$7,214.59	\$0.00	\$0.00	\$0.00	\$7,214.59
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861023	CHAGR84.D	Default Local Use Value	\$0.00	\$128,668.95	\$0.00	\$128,668.95	\$128,668.95
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861052	CHAGR84.D	Default Local Use Value	\$0.00	\$6,526,532.65	\$118,772.40	\$6,645,305.05	\$6,645,305.05
511	089-X-02222019	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861098	CHAGR84.Z	Default Local Use Value	\$0.00	\$28,121.45	\$3,959.53	\$32,080.98	\$32,080.98
512	089-X-02222018	25400	Operation 456100000	C03005	6600146	456160031, Industry - Domestic	4861074	CHAGR84.Z	Default Local Use Value	\$35.11	\$0.00	\$0.00	\$0.00	\$35.11
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	4860942	CHAGR84.Z	Default Local Use Value	\$143,017.14	\$0.00	\$0.00	\$0.00	\$143,017.14
512	089-X-02222014	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	48189V610	CHAGR84.Z	Default Local Use Value	\$29,137.54	\$0.00	\$0.00	\$0.00	\$29,137.54
512	089-X-02222016	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	48189R000	CHAGR84.Z	Default Local Use Value	\$20,943.02	\$0.00	\$0.00	\$0.00	\$20,943.02
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	4860979	CHAGR84.Z	Default Local Use Value	\$7,179,609.54	\$0.00	\$0.00	\$0.00	\$7,179,609.54
512	089-X-02222019	25400	Operation 456100000	C03005	6600950	456140351, Department of State - U.S. Voluntary Cont	4861025	CHAGR84.D	Default Local Use Value	\$2,500,000.00	\$0.00	\$0.00	\$0.00	\$2,500,000.00
512	089-X-02222019	25400	Operation 456100000	C03005	6600950	456140354, U.S. Agency For International Development	4860830	CHAGR84.D	Default Local Use Value	\$0.00	\$11,650.49	\$0.00	\$11,650.49	\$11,650.49
512	089-X-02222019	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	4861025	CHAGR84.D	Default Local Use Value	\$0.00	\$48,543.69	\$0.00	\$48,543.69	\$48,543.69
512	089-X-02222012	25400	Operation 456100000	C03005	6600053	456140220, Research & Development - Department of	4804168	CH AGRY10	Default Local Use Value	\$3,309.73	\$0.00	\$0.00	\$0.00	\$3,309.73
512	089-X-02222016	25400	Operation 456100000	C03005	6600053	456140220, Research & Development - Department of	4803492	CH AGRN9H	Default Local Use Value	\$455,077.00	\$0.00	\$0.00	\$0.00	\$455,077.00
512	089-X-02222016	25400	Operation 456100000	C03005	6600053	456140220, Research & Development - Department of	4803492	CH AGRN9H	Default Local Use Value	\$568,046.75	\$0.00	\$0.00	\$0.00	\$568,046.75
512	089-X-02222011	25400	Operation 456100000	C03005	6600950	456140371, Nuclear Regulatory Commission - Nuclear	48189A144	CHAGR84.Z	Default Local Use Value	\$3,429.21	\$0.00	\$0.00	\$0.00	\$3,429.21
512	089-X-02222017	25400	Operation 456100000	C03005	6600007	456140050, Research & Development - Department of	4861041	CHAGR20.1	Default Local Use Value	\$109.78	\$0.00	\$0.00	\$0.00	\$109.78
512	089-X-02222016	25400	Operation 456100000	C03005	6600056	456140351, Department of State - U.S. Voluntary Cont	4860970	CHAGR19.3	Default Local Use Value	\$1,288,712.72	\$0.00	\$0.00	\$0.00	\$1,288,712.72
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140354, U.S. Agency For International Development	4860930	CHAGR84.D	Default Local Use Value	\$242,718.45	\$0.00	\$0.00	\$0.00	\$242,718.45
512	089-X-02222018	25400	Operation 456100000	C03005	6600007	456140050, Research & Development - Department of	4861113	CHAGR20.1	Default Local Use Value	\$5,822,877.37	\$0.00	\$0.00	\$0.00	\$5,822,877.37
512	089-X-02222013	25400	Operation 456100000	C03005	6600007	456140050, Research & Development - Department of	4860949	CHAGR20.1	Default Local Use Value	\$2,007.03	\$0.00	\$0.00	\$0.00	\$2,007.03
512	089-X-02222019	25400	Operation 456100000	C03005	6600007	456140050, Research & Development - Department of	4861131	CHAGR20.1	Default Local Use Value	\$0.00	\$67,502.91	\$0.00	\$67,502.91	\$67,502.91
512	089-X-02222014	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	48189E710	CHAGR84.Z	Default Local Use Value	\$67,304.85	\$0.00	\$0.00	\$0.00	\$67,304.85
512	089-X-02222015	25400	Operation 456100000	C03005	6600007	456140050, Research & Development - Department of	4860561	CHAGR9V0	Default Local Use Value	\$1.29	\$0.00	\$0.00	\$0.00	\$1.29
512	089-X-02222018	25400	Operation 456100000	C03005	6600007	456140050, Research & Development - Department of	4860561	CHAGR9V0	Default Local Use Value	\$20,870.32	\$0.00	\$0.00	\$0.00	\$20,870.32
512	089-X-02222016	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4860745	CHAGRNN.D	Default Local Use Value	\$6,224.31	\$0.00	\$0.00	\$0.00	\$6,224.31
512	089-X-02222019	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4860942	CHAGRNN.D	Default Local Use Value	\$0.00	\$210,194.17	\$262,135.92	\$472,330.09	\$472,330.09
512	089-X-02222019	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	48189R000	CHAGRNN.D	Default Local Use Value	\$147,055.84	\$1,150.95	\$0.00	\$148,206.79	\$148,206.79
512	089-X-02222016	25400	Operation 456100000	C03005	6600056	456140351, Department of State - U.S. Voluntary Cont	4861012	CHAGR19.3	Default Local Use Value	\$3,431,271.01	\$0.00	\$0.00	\$0.00	\$3,431,271.01
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140374, Nuclear Regulatory Commission - Nuclear	48189B117	CHAGR84.Z	Default Local Use Value	\$1,796.18	\$0.00	\$0.00	\$0.00	\$1,796.18
512	089-X-02222017	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4860991	CHAGRNN.D	Default Local Use Value	\$76,278.33	\$0.00	\$0.00	\$0.00	\$76,278.33
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4860920	CHAGRPP0	Default Local Use Value	\$25,684.62	\$0.00	\$0.00	\$0.00	\$25,684.62
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4860932	CHAGRNN.D	Default Local Use Value	\$60.98	-\$60.98	\$0.00	-\$60.98	\$0.00
512	089-X-02222016	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4861154	CHAGRNN.D	Default Local Use Value	\$1,554.98	-\$1,554.98	\$0.00	-\$1,554.98	\$0.00
512	089-X-02222018	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4860957	CHAGRNN.D	Default Local Use Value	\$35,279.75	\$0.00	\$0.00	\$0.00	\$35,279.75
512	089-X-02222019	25400	Operation 456100000	C03005	6600950	456140196, NASA Other	4861154	CHAGRNN.D	Default Local Use Value	\$0.00	\$52,360.19	\$0.00	\$52,360.19	\$52,360.19
512	089-X-02													

900	089-X-02402014	25400	Operation DP4000000	C000925	2222480	DP4011093, Nuclear Counterterrorism	0	Default WF 0	Default Local Use Value	\$2,057.91	\$0.00	\$0.00	\$0.00	\$2,057.91	
900	089-X-02402019	25400	Operation DP0909000	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default WF 0	Default Local Use Value	\$0.00	\$275,000.00	\$0.00	\$275,000.00	\$275,000.00	
910	089-X-02402014	25400	Operation DP5000000	C000505	655140375, High Performance State - Other		4860772	CHAGRW70	Default Local Use Value	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
910	089-X-02402014	25400	Operation DP5000000	C000505	6600014	456140075, Army - Other		4860884	CHAGRW70	Default Local Use Value	\$70,657.76	\$0.00	\$0.00	\$0.00	\$70,657.76
910	089-X-02402014	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4841247	CHAGRHSH	Default Local Use Value	\$4,212.25	\$0.00	\$0.00	\$0.00	\$4,212.25
910	089-X-02402015	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860847	CHAGRHSH	Default Local Use Value	\$34,200.86	\$0.00	\$0.00	\$0.00	\$34,200.86
910	089-X-02402014	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860789	CHAGRHSH	Default Local Use Value	\$4,403.81	\$0.00	\$0.00	\$0.00	\$4,403.81
910	089-X-02402014	25400	Operation DP5000000	C000505	6600072	456140375, Department of State - Other		4860884	CHAGRHSH	Default Local Use Value	\$97,087.38	\$0.00	\$0.00	\$0.00	\$97,087.38
910	089-X-02402014	25400	Operation DP5000000	C000505	6600072	456140375, Department of State - Other		4860787	CHAGRHSH	Default Local Use Value	\$849.00	\$0.00	\$0.00	\$0.00	\$849.00
1050	089-X-02402014	25400	Operation IH0000000	C000245	3184701	HQ1001000, Worker Advocacy	0	Default WF 0	Default Local Use Value	\$11,352.52	\$0.00	\$0.00	\$0.00	\$11,352.52	
1050	089-X-02402014	25400	Operation IH0000000	C000245	3184701	HQ1001000, Worker Advocacy	0	Default WF 0	Default Local Use Value	\$0.00	\$35,000.00	\$0.00	\$0.00	\$35,000.00	
1050	089-X-02402014	25400	Operation IH0000000	C000246	3184709	HJ2006100, Occupational Medicine	0	Default WF 0	Default Local Use Value	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00	
1050	089-X-02402014	25400	Operation IH0000000	C000245	3184701	HQ1001000, Worker Advocacy	0	Default WF 0	Default Local Use Value	\$5,232.00	\$0.00	\$0.00	\$0.00	\$5,232.00	
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861124	CHAGRW70	Default Local Use Value	\$20,000.00	\$0.00	\$0.00	\$0.00	\$20,000.00
1055	089-X-02432016	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861013	CHAGRNID0	Default Local Use Value	\$100,000.00	\$0.00	\$0.00	\$0.00	\$100,000.00
1055	089-X-02432017	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861038	AGRHSHPD	Default Local Use Value	\$535.90	-\$535.90	\$0.00	\$0.00	\$535.90
1055	089-X-02432017	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861048	CHAGRHSH	Default Local Use Value	\$286,219.17	\$0.00	\$0.00	\$0.00	\$286,219.17
1055	089-X-02432015	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861029	CHAGRW70	Default Local Use Value	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00
1055	089-X-02432015	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4860960	CHAGRHSH	Default Local Use Value	\$120,280.40	\$0.00	\$0.00	\$0.00	\$120,280.40
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861152	CHAGRHSH	Default Local Use Value	\$0.00	\$195,631.07	\$0.00	\$0.00	\$195,631.07
1055	089-X-02432015	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860923	CHAGRHSH	Default Local Use Value	\$696.09	\$0.00	\$0.00	\$0.00	\$696.09
1055	089-X-02432011	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860604	CHAGRHSH	Default Local Use Value	\$25,454.80	-\$25,454.80	\$0.00	\$0.00	\$25,454.80
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861008	CHAGRHSH	Default Local Use Value	\$1,681,056.67	\$0.00	\$0.00	\$0.00	\$1,681,056.67
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861051	CHAGRHSH	Default Local Use Value	\$221,200.00	\$0.00	\$0.00	\$0.00	\$221,200.00
1055	089-X-02432012	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860604	CHAGRHSH	Default Local Use Value	\$20,000.00	-\$20,000.00	\$0.00	\$0.00	\$20,000.00
1055	089-X-02432017	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861049	CHAGRHSH	Default Local Use Value	\$1,108.00	\$0.00	\$0.00	\$0.00	\$1,108.00
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861095	CHAGREAO	Default Local Use Value	\$55,000.00	\$0.00	\$0.00	\$0.00	\$55,000.00
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861055	CHAGREAO	Default Local Use Value	\$56,807.00	\$0.00	\$0.00	\$0.00	\$56,807.00
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861112	CHAGREAO	Default Local Use Value	\$147,799.55	\$0.00	\$0.00	\$0.00	\$147,799.55
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861083	CHAGREAO	Default Local Use Value	\$317,094.71	\$0.00	\$0.00	\$0.00	\$317,094.71
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861110	CH16003D0	Default Local Use Value	\$172,913.16	\$0.00	\$0.00	\$0.00	\$172,913.16
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861094	CHAGREAO	Default Local Use Value	\$150,000.00	\$0.00	\$0.00	\$0.00	\$150,000.00
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861085	CHAGREAO	Default Local Use Value	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861147	CHAGREAO	Default Local Use Value	\$0.00	\$15,000.00	\$0.00	\$0.00	\$15,000.00
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861149	CHAGREAO	Default Local Use Value	\$0.00	\$150,000.00	\$0.00	\$0.00	\$150,000.00
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861097	CHAGREAO	Default Local Use Value	\$61,792.34	\$0.00	\$0.00	\$0.00	\$61,792.34
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861148	CHAGREAO	Default Local Use Value	\$0.00	\$0.00	\$150,000.00	\$0.00	\$150,000.00
1055	089-X-02432012	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861113	CHAGRHSH	Default Local Use Value	\$418,797.42	\$0.00	\$0.00	\$0.00	\$418,797.42
1055	089-X-02432012	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860789	CHAGRHSH	Default Local Use Value	\$1,561.80	\$0.00	\$0.00	\$0.00	\$1,561.80
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861082	CHAGREAO	Default Local Use Value	\$403.92	\$0.00	\$0.00	\$0.00	\$403.92
1055	089-X-02432016	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860994	CHAGRHSH	Default Local Use Value	\$2,561.17	\$0.00	\$0.00	\$0.00	\$2,561.17
1055	089-X-02432016	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860997	CHAGRHSH	Default Local Use Value	\$17,697.10	\$0.00	\$0.00	\$0.00	\$17,697.10
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861155	CHAGRHSH	Default Local Use Value	\$24,788.39	\$0.00	\$0.00	\$0.00	\$24,788.39
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861155	CHAGRHSH	Default Local Use Value	\$0.00	\$133,862.00	\$0.00	\$0.00	\$133,862.00
1055	089-X-02432011	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861051	CHAGRHSH	Default Local Use Value	\$41,676.76	\$0.00	\$0.00	\$0.00	\$41,676.76
1055	089-X-02432011	25400	Operation DP5000000	C000505	6600020	456140086, Navy - Other		4860694	CHAGRNDD	Default Local Use Value	\$2,572.20	-\$2,572.20	\$0.00	\$0.00	\$2,572.20
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600109	456140063, Air Force - Other		4861078	CHAGRF4F0	Default Local Use Value	\$38,994.52	\$0.00	\$0.00	\$0.00	\$38,994.52
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600109	456140063, Air Force - Other		4861145	CHAGRF4F0	Default Local Use Value	\$110,000.00	\$0.00	\$0.00	\$0.00	\$110,000.00
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600038	456140135, DARPA - Other		4861102	CHAGRNCS	Default Local Use Value	\$0.00	\$253,119.42	\$0.00	\$0.00	\$253,119.42
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861055	CHAGRNCS	Default Local Use Value	\$175,668.34	\$0.00	\$0.00	\$0.00	\$175,668.34
1055	089-X-02432015	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4842545	CHAGRNCS	Default Local Use Value	\$156.92	\$0.00	\$0.00	\$0.00	\$156.92
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600038	456140135, DARPA - Other		4861106	CHAGRNDD	Default Local Use Value	\$320,703.38	\$0.00	\$0.00	\$0.00	\$320,703.38
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600038	456140135, DARPA - Other		4861106	CHAGRNDD	Default Local Use Value	\$437.25	\$0.00	\$0.00	\$0.00	\$437.25
1055	089-X-02432015	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4860933	CHAGRHSH	Default Local Use Value	\$2,147.71	\$0.00	\$0.00	\$0.00	\$2,147.71
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861150	CHAGREAO	Default Local Use Value	\$0.00	\$150,000.00	\$0.00	\$0.00	\$150,000.00
1055	089-X-02432016	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4842534	CHAGRHSH	Default Local Use Value	\$21,555.93	\$0.00	\$0.00	\$0.00	\$21,555.93
1055	089-X-02432018	25400	Operation DP5000000	C000505	6600040	456140142, Other DOD Agencies - Other		4861117	CHAGRNDD	Default Local Use Value	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00
1055	089-X-02432016	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861082	CHAGREAO	Default Local Use Value	\$90,000.00	\$0.00	\$0.00	\$0.00	\$90,000.00
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861024	CHAGRHSH	Default Local Use Value	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
1055	089-X-02432019	25400	Operation DP5000000	C000505	6600084	456140368, Science and Technology - Other		4861143	CHAGRW70R	Default Local Use Value	\$0.00	\$110,000.00	\$0.00	\$0.00	\$110,000.00
1060	089-X-02432018	25400	Operation DG6000000</												

2300	089-X-41802018	25400	Operation	5T0000000	C001087	2924281	5T6001034, Facility Upgrades	0	Default WF 0	Default Local Use Value	\$794,983.94	\$0.00	\$0.00	\$0.00	\$794,983.94
2300	089-X-41802018	32003	Accelerator	5T0000000	C001087	2924281	5T6001034, Facility Upgrades	0	Default WF 485395	CHAP	\$1,970,000.00	\$0.00	\$0.00	\$0.00	\$1,970,000.00
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2924280	5T6001032, Hot Cell and Other National Lab Facilities	0	Default WF 0	Default Local Use Value	\$0.00	\$4,444,000.00	\$0.00	\$0.00	\$4,444,000.00
2300	089-X-41802019	25400	Operation	5T0000000	C001087	2924280	5T6001032, Hot Cell and Other National Lab Facilities	0	Default WF 0	Default Local Use Value	\$0.00	\$2,142,000.00	\$0.00	\$0.00	\$2,142,000.00
2300	089-X-41802019	25400	Operation	5T0000000	C001087	2720715	5T5001030, Other National Lab Research	0	Default WF 0	Default Local Use Value	\$0.00	\$614,000.00	\$0.00	\$0.00	\$614,000.00
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2720714	5T5001020, Brookhaven Linear Isotope Producer BLIP	0	Default WF 0	Default Local Use Value	\$289,000.00	\$0.00	\$0.00	\$0.00	\$289,000.00
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2924424	5T5001040, Actinium-225 Technology Research and Int	0	Default WF 0	Default Local Use Value	\$921,000.00	\$0.00	\$0.00	\$0.00	\$921,000.00
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2924424	5T5001040, Actinium-225 Technology Research and Int	0	Default WF 0	Default Local Use Value	\$244,681.97	\$0.00	\$0.00	\$0.00	\$244,681.97
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2924280	5T6001032, Hot Cell and Other National Lab Facilities	0	Default WF 0	Default Local Use Value	\$1,029,775.87	\$800,000.00	\$0.00	\$0.00	\$800,000.00
2300	089-X-41802015	32003	Accelerator	5T0000000	C001087	2924281	5T6001034, Facility Upgrades	0	Default WF 485395	CHAP	\$70,203.23	\$0.00	\$0.00	\$0.00	\$70,203.23
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2720718	5T6001020, Brookhaven Linear Isotope Producer BLIP	0	Default WF 0	Default Local Use Value	\$460,780.05	\$300,000.00	\$0.00	\$0.00	\$300,000.00
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2720716	5T5002000, University Research	0	Default WF 0	Default Local Use Value	\$33,063.17	\$0.00	\$0.00	\$0.00	\$33,063.17
2300	089-X-41802017	25400	Operation	5T0000000	C001087	2720715	5T5001030, Other National Lab Research	0	Default WF 0	Default Local Use Value	\$541,559.87	\$250,000.00	\$0.00	\$0.00	\$250,000.00
2300	089-X-41802014	25400	Operation	5T0000000	C001087	2720714	5T5001020, Brookhaven Linear Isotope Producer BLIP	0	Default WF 0	Default Local Use Value	\$70,772.18	\$0.00	\$0.00	\$0.00	\$70,772.18
2300	089-X-41802016	25400	Operation	5T0000000	C001087	2924282	5T6001036, Technical Services	0	Default WF 0	Default Local Use Value	\$18,396.78	\$0.00	\$0.00	\$0.00	\$18,396.78
2300	089-X-41802018	25400	Operation	5T0000000	C001087	2924306	5T6001031, Production	0	Default WF 0	Default Local Use Value	\$2,070,079.86	\$1,080,000.00	\$0.00	\$0.00	\$1,080,000.00
2300	089-X-41802019	25400	Operation	5T0000000	C001087	2720718	5T6001020, Brookhaven Linear Isotope Producer BLIP	0	Default WF 0	Default Local Use Value	\$0.00	\$532,000.00	\$0.00	\$0.00	\$532,000.00
5300	089-X-03182017	25400	Operation	TE1100000	C002798	3123816	TE1104010, Monitoring and Real-Time Analysis	0	Default WF 0	Default Local Use Value	\$14,277.03	\$0.00	\$0.00	\$0.00	\$14,277.03
5300	089-X-03182017	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distribution Management System	0	Default WF 0	Default Local Use Value	\$621.94	\$0.00	\$0.00	\$0.00	\$621.94
5300	089-X-03182018	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default WF 0	Default Local Use Value	\$85,000.00	\$0.00	\$0.00	\$0.00	\$85,000.00
5300	089-X-03182018	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WF 0	Default Local Use Value	\$700,000.00	\$0.00	\$0.00	\$0.00	\$700,000.00
5300	089-X-03182016	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default WF 0	Default Local Use Value	\$2,262.82	\$0.00	\$0.00	\$0.00	\$2,262.82
5300	089-X-03182016	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WF 0	Default Local Use Value	\$0.00	\$700,000.00	\$0.00	\$0.00	\$700,000.00
5300	089-X-03182016	25400	Operation	TE1200000	C002799	3123810	TE1204000, Dynamic Controls & Communications	0	Default WF 0	Default Local Use Value	\$205.91	\$0.00	\$0.00	\$0.00	\$205.91
5300	089-X-03182016	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default WF 0	Default Local Use Value	\$136,065.59	\$0.00	\$0.00	\$0.00	\$136,065.59
5300	089-X-03182016	25400	Operation	TE1300000	C002800	3123815	TE1305000, Virtual Energy Sector Forensics Analysis Plo	0	Default WF 0	Default Local Use Value	\$117.37	\$0.00	\$0.00	\$0.00	\$117.37
5300	089-X-03182016	25400	Operation	TE1200000	C002799	3123812	TE1206000, Advanced Secure Sensors High Fidelity Low	0	Default WF 0	Default Local Use Value	\$22.70	\$0.00	\$0.00	\$0.00	\$22.70
5300	089-X-03182016	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WF 0	Default Local Use Value	\$136.88	\$0.00	\$0.00	\$0.00	\$136.88
5300	089-X-03182016	25400	Operation	TE1300000	C002800	3123804	TE1302000, Cyber for Energy Security OPS	0	Default WF 0	Default Local Use Value	\$200.26	\$0.00	\$0.00	\$0.00	\$200.26
5300	089-X-03182017	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default WF 0	Default Local Use Value	\$216,741.77	\$0.00	\$0.00	\$0.00	\$216,741.77
5300	089-X-03182017	25400	Operation	TE1300000	C002800	3123803	TE1301000, Cyber for Energy Security R&D	0	Default WF 0	Default Local Use Value	\$15,077.50	\$0.00	\$0.00	\$0.00	\$15,077.50
5300	089-X-03182016	25400	Operation	TF0000000	C002802	3123796	TF0000000, Transmission Permitting and Technical Ass	0	Default WF 0	Default Local Use Value	\$121.66	\$0.00	\$0.00	\$0.00	\$121.66
5300	089-X-03182017	25400	Operation	TE1400000	C002799	3123811	TE1400000, Resilient Electric Distribution Grid R&D	0	Default WF 0	Default Local Use Value	\$24,915.99	\$0.00	\$0.00	\$0.00	\$24,915.99
5300	089-X-03182017	25400	Operation	TE1400000	C002799	3123795	TE1400000, Energy Storage	0	Default WF 0	Default Local Use Value	\$260.97	\$0.00	\$0.00	\$0.00	\$260.97
5350	089-X-03192018	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuels Research, Development a	0	Default WF 0	Default Local Use Value	\$66,204.83	\$0.00	\$0.00	\$0.00	\$66,204.83
5350	089-X-03192013	25400	Operation	INT000000	C003240	2720775	NT0104000, Reactor Materials	0	Default WF 0	Default Local Use Value	\$15,625.67	-\$15,625.67	\$0.00	\$0.00	-\$15,625.67
5350	089-X-03192018	25400	Operation	AF5800000	C000822	2720875	AF5820100, Program Assessment & Coordination	0	Default WF 0	Default Local Use Value	\$536,000.00	\$0.00	\$0.00	\$0.00	\$536,000.00
5350	089-X-03192018	25400	Operation	AF5800000	C000822	2720955	AF5830100, Management & Integration	0	Default WF 0	Default Local Use Value	\$600,000.00	\$0.00	\$0.00	\$0.00	\$600,000.00
5350	089-X-03192019	25400	Operation	AF5800000	C000822	2720703	AF5835000, Safeguards	0	Default WF 0	Default Local Use Value	\$0.00	\$50,000.00	\$14,184.00	\$0.00	\$64,184.00
5350	089-X-03192018	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analysis	0	Default WF 0	Default Local Use Value	\$44,460.21	\$0.00	\$0.00	\$0.00	\$44,460.21
5350	089-X-03192018	25400	Operation	INT000000	C003240	2720882	NT0402000, National Scientific User Facility NSF Acti	0	Default WF 0	Default Local Use Value	\$82,982.75	\$0.00	\$0.00	\$0.00	\$82,982.75
5350	089-X-03192016	25400	Operation	AF0400000	C002768	2720880	AF0400000, Program Support	0	Default WF 0	Default Local Use Value	\$69.67	\$0.00	-\$69.67	\$0.00	\$0.00
5350	089-X-03192017	25400	Operation	AF5800000	C000822	2720955	AF5830100, Management & Integration	0	Default WF 0	Default Local Use Value	\$346.62	\$0.00	\$0.00	\$0.00	\$346.62
5350	089-X-03192019	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analysis	0	Default WF 0	Default Local Use Value	\$0.00	\$261,054.00	\$68,509.00	\$0.00	\$329,563.00
5350	089-X-03192019	25400	Operation	RC0000000	C003241	2720978	RC0504000, Program Assessment and Coordination	0	Default WF 0	Default Local Use Value	\$0.00	\$102,000.00	\$0.00	\$0.00	\$102,000.00
5350	089-X-03192018	25400	Operation	AF5800000	C000822	2720703	AF5835000, Safeguards	0	Default WF 0	Default Local Use Value	\$9,411.85	\$0.00	\$0.00	\$0.00	\$9,411.85
5350	089-X-03192019	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuels Research, Development a	0	Default WF 0	Default Local Use Value	\$0.00	\$421,600.00	\$113,472.00	\$535,072.00	\$535,072.00
5350	089-X-03192018	25400	Operation	AF5800000	C000822	2720875	AF5832010, Program Assessment & Coordination	0	Default WF 0	Default Local Use Value	\$32,750.00	\$7,234.00	\$0.00	\$0.00	\$39,984.00
5350	089-X-03192017	25400	Operation	RC0000000	C003241	2720918	RC0420000, ARC International Collaborations	0	Default WF 0	Default Local Use Value	\$368.52	\$0.00	\$0.00	\$0.00	\$368.52
5350	089-X-03192019	25400	Operation	RC0000000	C003241	2720992	RC0603000, Management and Integration	0	Default WF 0	Default Local Use Value	\$0.00	\$100,000.00	\$25,000.00	\$125,000.00	\$125,000.00
5350	089-X-03192018	25400	Operation	RC0000000	C003241	2720978	RC0504000, Program Assessment and Coordination	0	Default WF 0	Default Local Use Value	\$1,959.17	\$0.00	\$0.00	\$0.00	\$1,959.17
5350	089-X-03192014	25400	Operation	AF5800000	C000822	2720875	AF5832010, Program Assessment & Coordination	0	Default WF 0	Default Local Use Value	\$225,721.21	\$0.00	\$0.00	\$0.00	\$225,721.21
5350	089-X-03192017	25400	Operation	AF5800000	C000822	2720955	AF5830100, Management & Integration	0	Default WF 0	Default Local Use Value	\$580.51	\$0.00	\$0.00	\$0.00	\$580.51
5350	089-X-03192018	25400	Operation	INT000000	C003240	2720928	NT0503000, Integrated Performance and Safety Codes	0	Default WF 0	Default Local Use Value	\$274,950.00	\$0.00	\$0.00	\$0.00	\$274,950.00
5350	089-X-03192017	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default WF 0	Default Local Use Value	\$95,817.94	\$0.00	\$0.00	\$0.00	\$95,817.94
5450	089-X-03212016	25400	Operation	ED0000000	C000949	1009209	ED0701000, Next Generation Manufacturing	0	Default WF 0	Default Local Use Value	\$491,168.00	\$0.00	\$0.00	\$0.00	\$491,168.00
5450	089-X-03212015	25400	Operation	ED0000000	C000949	1009209	ED0701000, Next Generation Manufacturing	0	Default WF 0	Default Local Use Value	\$38,883.50	\$0.00	\$0.00	\$0.00	\$38,883.50
5450	089-X-03212018	25400	Operation	GT0000000	C002910	1005611	GT0300000, Hydrothermal	0	Default WF 0	Default Local Use Value	\$247,868.06	\$0.00	\$0.00	\$0.00	\$247,868.06
5450	089-X-03212016	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WF 302017	TCF Funding - Managed by OTT	\$294.34	\$0.00	\$0.00	\$0.00	\$294.34
5450	089-X-03212018	25400	Operation	GT0000000	C002910	1005623	GT0200000, Low Temperature and Co-produced Resco	0	Default WF 0	Default Local Use Value	\$142,141.00	\$0.00	\$0.00	\$0.00	\$142,141.00
5450	089-X-03212014	25400	Operation	BM0100000	C000846	1009218	BM0107000, Biopower	0	Default WF 0	Default Local Use Value	\$1,252.09	\$0.00	\$0.00	\$0.00	\$1,252.09
5450	089-X-03212016	25400	Operation	VT0000000	C001096	1005556	VT1301000, Vehicle and System Simulation and Testin	0	Default WF 0	Default Local Use Value	\$5,774.29	\$0.00	\$0.00	\$0.00	\$5,774.29
5450	089-X-03212016	25400	Operation	AF5800000	C000822	2720875	AF5832010, Program Assessment & Coordination	0	Default WF 0	Default Local Use Value	\$714.20	\$0.00	\$0.00	\$0.00	\$714.20
5450	089-X-03212014	25400	Operation	GT0000000	C002910	1005612	GT0100000, Enhanced Geothermal Systems	0	Default WF 0	Default Local Use Value	\$6,283.33	\$0.00	\$0.00	\$0.00	\$6,283.33
5450	089-X-03212017	25400	Operation	HT0000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default WF 0	Default Local Use Value	\$8,408.74	\$0.00	\$0.00	\$0.00	\$8,408.74
5450	089-X-03212018	25400	Operation	VT0000000	C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Ene	0	Default WF 0	Default Local Use Value	\$2,563,089.11	\$0.00	\$0.00	\$0.00	\$2,563,089.11
5450	089-X-03212019	25400	Operation	VT0000000	C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Ene	0	Default WF 0	Default Local Use Value	\$0.00	\$2,190,000.00	\$0.00	\$0.00	\$2,190,000.00
5450	089-X-032														