

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
			1 11
2. AMENDMENT/MODIFICATION NO. 0417	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 23SC000054	5. PROJECT NO. (If applicable)
6. ISSUED BY Thomas Jefferson Site Office U.S. Department of Energy Thomas Jefferson Site Office 12000 Jefferson Avenue Newport News VA 23606	CODE 892431	7. ADMINISTERED BY (If other than Item 6) Thomas Jefferson Site Office U.S. Department of Energy Thomas Jefferson Site Office 12000 Jefferson Avenue Newport News VA 23606	CODE 00523
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Jefferson Science Associates, LLC Attn: ELIZABETH LAWSON 1201 New York Ave NW Ste 430 Washington DC 200056134		(x) 9A. AMENDMENT OF SOLICITATION NO.	
CODE 557181422 FACILITY CODE		9B. DATED (SEE ITEM 11)	
		x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC05-06OR23177	
		10B. DATED (SEE ITEM 13) 04/14/2006	

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: \$39,894,384.68
See Schedule

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation 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) Mutual agreement of the parties - see item #14

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

UEI: MTWLVRJR54N7
MANAGEMENT AND OPERATION OF THE THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY.

MODIFICATION AUTHORITY:

Clause H.11 Standards of Contractor Performance Evaluation
Clause I.121 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

LIST OF CHANGES:

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) Stuart D. Henderson	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James W. Skinner
15B. CONTRACTOR/OFFEROR <u>Stuart D. Henderson</u> <small>Stuart D. Henderson on 10/28/2022 08:56 EDT (Signature of person authorized to sign)</small>	15C. DATE SIGNED Oct 28, 2022
16B. UNITED STATES OF AMERICA JAMES SKINNER <small>Digitally signed by JAMES SKINNER Date: 2022.10.28 10:55:49 -04'00' (Signature of Contracting Officer)</small>	16C. DATE SIGNED

Previous edition unusable

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CODE 557181422			9B. DATED (SEE ITEM 11)
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X	D. OTHER (Specify type of modification and authority) Mutual agreement of the parties - see item #14

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MODIFICATION AUTHORITY:

Clause H.11 Standards of Contractor Performance Evaluation
Clause I.121 DEAR 970.5232-4 Obligation of Funds (DEC 2000)

LIST OF CHANGES:

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)	
		James W. Skinner	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		Signature on File	10/28/2022
		_____ (Signature of Contracting Officer)	

Previous edition unusable

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC05-06OR23177/0417

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NAME OF OFFEROR OR CONTRACTOR
Jefferson Science Associates, LLC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Reason for Modification: Supplemental Agreement for work within scope</p> <p>Total Amount for this Modification: \$39,894,384.68</p> <p>New Total Amount for this Version: \$2,838,130,979.66</p> <p>New Total Obligated Amount for this Award: \$2,838,130,979.66</p> <p>Incremental Funded Amount changed: from \$2,798,236,594.98 to \$2,838,130,979.66</p> <p>SEE ATTACHED FOR MORE INFORMATION</p>				

The purpose of this modification is to modify the contract as follows:

- Section J, Appendix B, *Fiscal Year 2022 Contractor Performance Evaluation and Measurement Plan* dated October 13, 2021 is deleted and replaced with Appendix B, *Fiscal Year 2023 Contractor Performance Evaluation and Measurement Plan* dated October 3, 2022 as attached.
- Revise the funds on the contract as follows:

The total amount under this contract is increased \$39,894,384.69 from 2,798,236,594.98 to 2,838,130,979.66

As a result, the first sentence of paragraph (a) of Clause I.121, "Obligation of Funds," is changed to read as follows:

Obligation of Funds. The amount presently obligated by the Government with respect to this contract is as follows:

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
WA	2924033	32001	0472770	39KB00000P	0.00	0.00	245,428,048.00
WA	2923489	32001		39KB01000P	0.00	0.00	0.00
WA	2925036	32001		39KB95030PRN20SC52000	1,055,000.00	1,055,000.00	7,375,000.00
WA	2925036	32001	Fund 7700	39KB95030PRN20SC52000	0.00	0.00	32,060,000.00
WA	2923567	32001	0472469	39KG01000P	0.00	0.00	96,799.00
WA	2924171	32001	0473071	39KG01000P	0.00	0.00	72,056,566.00
WA	2924279	32001		39KG02000P	0.00	0.00	29,186,951.00
WA	2925039	32001		39KG95080PRN20SC73000	0.00	0.00	14,000,000.00
WA	2925039	32001	Fund 7700	39KG95080PRN20SC73000	0.00	0.00	10,000,000.00
WA	2925401	32001		39KG95200PRN22SC72000	0.00	0.00	1,000,000.00
3T	1720292	25400	0499145	400403109 AGRJSA2010W018	0.00	0.00	719,600.00
3T	1720292	25400	0482420	400403109 AGRSURA-2001-W004	0.00	0.00	-5,450.00
3T	1720292	25400	0493300	400403109 JSA2008W005	0.00	0.00	1,449,971.00
3T	1720292	25400	0494992	400403109 JSA2009W008	0.00	0.00	1,027,138.00
3T	1720297	25400	0485465	400403209 AGRSURA05W004	0.00	0.00	443,526.00
3T	1720297	25400		400403209 AGRSURA2005W007	0.00	0.00	100,309.00
3T	1720303	25400	0503028	400403309 AGRJSA12IA012	0.00	0.00	1,696,226.00
3T	1720303	25400	0503181	400403309 AGRJSA12IA012A	0.00	0.00	523,140.00
3T	1720303	25400	0499086	400403309 AGRJSA2011W005	0.00	0.00	2,988,283.00
3T	1720303	25400	0499323	400403309 AGRJSA2011W005A	0.00	0.00	21,540.00
3T	1720303	25400	0500102	400403309 AGRJSA2011W005B	0.00	0.00	70,115.00
3T	1720303	25400	0501141	400403309 AGRJSA2011W005C	0.00	0.00	6,227,664.00
3T	1720303	25400	0502692	400403309 AGRJSA2011W005D	0.00	0.00	58,873.00
3T	1720303	25400	0499088	400403309 AGRJSA2011W006	0.00	0.00	152,378.29
3T	1720303	25400	0501347	400403309 AGRJSA2011W006A	0.00	0.00	154,127.00
3T	1720303	25400	0499144	400403309 AGRJSA2011W007	0.00	0.00	299,833.00
3T	1720303	25400	0499324	400403309 AGRJSA2011W011	0.00	0.00	37,180.00
3T	1720303	25400	0503559	400403309 AGRJSA2012IA012B	0.00	0.00	58,529.00
3T	1720303	25400	0504980	400403309 AGRJSA2012IA012C	0.00	0.00	21,765.00
3T	1720303	25400	0505870	400403309 AGRJSA2012IA012D	0.00	0.00	144,781.00
3T	1720303	25400	0506248	400403309 AGRJSA2012IA012E	0.00	0.00	43,358.00
3T	1720303	25400	0506387	400403309 AGRJSA2012IA012F	0.00	0.00	73,877.00
3T	1720303	25400	0508105	400403309 AGRJSA2012IA012G	0.00	0.00	149,490.00
3T	1720303	25400	0510432	400403309 AGRJSA2012IA012H	0.00	0.00	73,246.00
3T	1720303	25400	0472518	400403309 AGRN00014-01-F-0171G	0.00	0.00	564.00
3T	1720303	25400	0490864	400403309 AGRN00014-04-F0171AA	0.00	0.00	255,896.00
3T	1720303	25400	0491455	400403309 AGRN00014-04-F0171AB	0.00	0.00	3,033,443.00
3T	1720303	25400	0491618	400403309 AGRN00014-04-F0171AC	0.00	0.00	124,113.00
3T	1720303	25400	0491619	400403309 AGRN00014-04-F0171AD	0.00	0.00	1,390,511.00
3T	1720303	25400	0491704	400403309 AGRN00014-04-F0171AE	0.00	0.00	147,851.00
3T	1720303	25400	0491705	400403309 AGRN00014-04-F0171AF	0.00	0.00	77,061.00
3T	1720303	25400	0496189	400403309 AGRN00014-04-F0171AG	0.00	0.00	2,908,725.00
3T	1720303	25400	0496602	400403309 AGRN00014-04-F0171AH	0.00	0.00	3,397,389.00
3T	1720303	25400	0496783	400403309 AGRN00014-04-F0171AI	0.00	0.00	847,445.00
3T	1720303	25400	0496995	400403309 AGRN00014-04-F0171AJ	0.00	0.00	159,411.00
3T	1720303	25400	0496996	400403309 AGRN00014-04-F0171AK	0.00	0.00	156,952.00
3T	1720303	25400	0483765	400403309 AGRN00014-04-F-0171M	0.00	0.00	-18.00
3T	1720303	25400	0484186	400403309 AGRN00014-04-F-0171N	0.00	0.00	-542.00
3T	1720303	25400	0484187	400403309 AGRN00014-04-F-0171P	0.00	0.00	0.00
3T	1720303	25400	0484337	400403309 AGRN00014-04-F-0171Q	0.00	0.00	-1,355.00
3T	1720303	25400	0485294	400403309 AGRN00014-04-F-0171U	0.00	0.00	2,607.00
3T	1720303	25400	0485295	400403309 AGRN00014-04-F-0171V	0.00	0.00	25,413.00
3T	1720303	25400	0485815	400403309 AGRN00014-04-F-0171W	0.00	0.00	1,466.00
3T	1720303	25400	0490728	400403309 AGRN00014-04-F-0171X	0.00	0.00	7,071.00
3T	1720303	25400	0490818	400403309 AGRN00014-04-F-0171Y	0.00	0.00	4,590.00
3T	1720303	25400	0490878	400403309 AGRN00014-04-F-0171Z	0.00	0.00	99,307.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
3T	1720303	25400	0493120	400403309 AGRNONRMOA-2008C	0.00	0.00	67,887.00
3T	1720303	25400	0493174	400403309 AGRNONRMOA-2008D	0.00	0.00	139,380.00
3T	1720303	25400	0493193	400403309 AGRNONRMOA-2008E	0.00	0.00	1,870,735.00
3T	1720303	25400	0493366	400403309 AGRNONRMOA-2008F	0.00	0.00	244,330.00
3T	1720303	25400	0493858	400403309 AGRNONRMOA-2008G	0.00	0.00	69,065.00
3T	1720303	25400	0493883	400403309 AGRNONRMOA2008H	0.00	0.00	910,623.00
3T	1720303	25400	0493927	400403309 AGRNONRMOA2008I	0.00	0.00	1,354,241.00
3T	1720303	25400	0493970	400403309 AGRNONRMOA2008J	0.00	0.00	47,275.00
3T	1720303	25400	0494355	400403309 AGRNONRMOA2008L	0.00	0.00	347,365.00
3T	1720303	25400	0494356	400403309 AGRNONRMOA2008M	0.00	0.00	194,020.00
3T	1720303	25400	0494418	400403309 AGRNONRMOA2008N	0.00	0.00	2,248,581.00
3T	1720303	25400	0495047	400403309 AGRNONRMOA2008O	0.00	0.00	423,454.00
3T	1720303	25400	0495607	400403309 AGRNONRMOA2008P	0.00	0.00	266,982.00
3T	1720303	25400	0495608	400403309 AGRNONRMOA2008Q	0.00	0.00	1,940,643.00
3T	1720303	25400	0498046	400403309 AGRNONRMOA2008R	0.00	0.00	277,899.00
3T	1720303	25400	0498054	400403309 AGRNONRMOA2008S	0.00	0.00	107,766.00
3T	1720303	25400	0498388	400403309 AGRNONRMOA2008T	0.00	0.00	136,298.00
3T	1720303	25400	0498457	400403309 AGRNONRMOA2008U	0.00	0.00	45,429.00
3T	1720303	25400	0492199	400403309 AGRNONRMOA2008	0.00	0.00	1,941,503.00
3T	1720303	25400	0492286	400403309 AGRNONRMOA-2008A	0.00	0.00	1,938,446.00
3T	1720303	25400	0492379	400403309 AGRNONRMOA-2008B	0.00	0.00	22,609.00
3T	1720303	25400		400403309 AGRSURA03W002	0.00	0.00	-17,082.30
3T	1720303	25400	0482421	400403309 AGRSURA2004W003	0.00	0.00	2,621.00
3T	1720303	25400		400403309 AGRSURA2006W011	0.00	0.00	94,443.00
3Y	1720330	25400		400407000 AGRSURA2004W007	0.00	0.00	4,068.00
3W	1720338	25400	0502117	400409900 2012IA010	0.00	0.00	103,743.00
3W	1720338	25400	0496864	400409900 AGRJSA2007W002	0.00	0.00	-322.16
3Y	1720338	25400	0496864	400409900 AGRJSA2007W002	0.00	0.00	96,675.00
3W	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	384,124.00
3W	1720338	25400		400409900 AGRJSA2007W005	0.00	0.00	870,254.37
3W	1720338	25400	0494158	400409900 AGRJSA2007W005	0.00	0.00	-0.37
3Y	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	545,208.00
3Z	1720338	25400	0496790	400409900 AGRJSA2007W005	0.00	0.00	114,177.00
3W	1720338	25400	0492518	400409900 AGRJSA2008W002	0.00	0.00	0.00
3Y	1720338	25400	0492518	400409900 AGRJSA2008W002	0.00	0.00	188,782.00
3Y	1720338	25400		400409900 AGRSURA2005W003	0.00	0.00	0.00
3W	1720338	25400	0510414	400409900 JSA15IA001A	0.00	0.00	56,910.00
3W	1720338	25400	0495345	400409900 JSA2009W009	0.00	0.00	144,949.00
3W	1720338	25400	0499703	400409900 JSA2011W013	0.00	0.00	26,902.00
3W	1720338	25400	0508364	400409900 JSA2015IA001	0.00	0.00	55,731.00
3W	7400040	25400	0514957	453040135 ORJSA2017IA0014	0.00	0.00	75,655.00
3W	7400182	25400	0510414	453040196 ORJSA15IA001A	0.00	0.00	74,637.00
3W	7400182	25400	0514597	453040196 ORJSA2015IA001B	0.00	0.00	53,048.00
3W	7400182	25400	0520469	453040196 ORJSA2015IA001C	0.00	0.00	0.00
3W	7400182	25400	0514026	453040196 ORJSA2017IA0007	0.00	0.00	37,504.00
2W	7400113	25400	0521274	453060031 ORJSA2019W004	0.00	0.00	11,721.00
2W	7400113	25400	0560076	453060031 ORJSA2021W006	0.00	0.00	27,000.00
2W	7400114	25400	0510664	453060032 JSA2013W020	0.00	0.00	51,060.00
2W	7400116	25400	0502366	453060034 JSA-2011W014A	0.00	0.00	4,104,040.59
2W	7400116	25400	0560152	453060034 JSA-2011W014C	0.00	0.00	1,500,000.00
2W	7400116	25400	0513660	453060034 JSA-2016W008	0.00	0.00	91,461.00
2W	7400116	25400	0513661	453060034 JSA-2016W009	0.00	0.00	67,361.00
2W	7400116	25400	0509161	453060034 ORJSA2011W014B	0.00	0.00	1,693,750.00
2W	7400116	25400	0522438	453060034 ORJSA2020W003	0.00	0.00	92,500.00
2W	7400118	25400	0501540	453060036 JSA2012W003	0.00	0.00	1,627,513.00
2W	7400118	25400	0508329	453060036 JSA2015W002	0.00	0.00	955,944.00
2W	7400118	25400	0511649	453060036 JSA2016W001	0.00	0.00	46,275.00
2W	7400118	25400	0507633	453060036 ORJSA2014W011	0.00	0.00	210,000.00
2W	7400118	25400	0560524	453060036 ORJSA2022W010	50,000.00	50,000.00	50,000.00
1W	7400168	25400	0503044	453065021 JSA2012S015	0.00	0.00	300,884.00
1W	7400168	25400	0505997	453065021 JSA2014S002	0.00	0.00	306,585.00
1W	7400168	25400	0511839	453065021 JSA2015CERN	0.00	0.00	185,445.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
1W	7400168	25400	0511095	453065021 JSA2015S003	0.00	0.00	132,638.00
1W	7400168	25400	0509348	453065021 JSA2015S007	0.00	0.00	124,560.00
1W	7400168	25400	0510556	453065021 JSA2015S008	0.00	0.00	11,053.00
1W	7400168	25400	0520039	453065021 JSA2015SCERN2	0.00	0.00	48,524.27
1W	7400168	25400	0512074	453065021 JSA2016S002	0.00	0.00	59,032.00
1W	7400168	25400	0511847	453065021 JSA2016S003	0.00	0.00	23,209.00
1W	7400168	25400	0512244	453065021 JSA2016S004	0.00	0.00	255,000.00
3W	7400168	25400	0512244	453065021 JSA2016S004	0.00	0.00	0.00
1W	7400168	25400	0514251	453065021 JSA2016S012	0.00	0.00	44,133.00
1W	7400168	25400	0516888	453065021 JSA2016S014	0.00	0.00	173,197.00
1W	7400168	25400	0515220	453065021 JSA2017S011	0.00	0.00	23,915.00
1W	7400168	25400	0516295	453065021 JSA2017S016	0.00	0.00	149,663.00
1W	7400168	25400	0522586	453065021 JSA2020S009	0.00	0.00	220,000.00
1W	7400168	25400	0560031	453065021 JSA2020S014	0.00	0.00	191,121.20
1W	7400168	25400	0505862	453065021 ORJSA2013S014	0.00	0.00	97,911.00
1W	7400168	25400	0511364	453065021 ORJSA2013S018	0.00	0.00	12,916.00
1W	7400168	25400	0517504	453065021 ORJSA2016S005	0.00	0.00	35,935.00
1W	7400168	25400	0516636	453065021 ORJSA2017S015	0.00	0.00	298,919.00
1W	7400168	25400	0518172	453065021 ORJSA2018S005	0.00	0.00	435,270.00
1W	7400168	25400	0518960	453065021 ORJSA2018S007	0.00	0.00	172,053.00
1W	7400168	25400	0519590	453065021 ORJSA2018S009	0.00	0.00	44,298.00
1W	7400168	25400	0520419	453065021 ORJSA2018S011	0.00	0.00	33,390.00
1W	7400168	25400	0519758	453065021 ORJSA2019S001	0.00	0.00	62,500.00
1W	7400168	25400	0521959	453065021 ORJSA2019S002	0.00	0.00	525,493.62
1W	7400168	25400	0520980	453065021 ORJSA2019S003	0.00	0.00	32,843.00
1W	7400168	25400	0521456	453065021 ORJSA2019S007	0.00	0.00	22,083.00
1W	7400168	25400	0520566	453065021 ORJSA2019S008	0.00	0.00	39,637.00
1W	7400168	25400	0522425	453065021 ORJSA2019S009	0.00	0.00	27,167.00
1W	7400168	25400	0521524	453065021 ORJSA2019S010	0.00	0.00	190,859.48
1W	7400168	25400	0522504	453065021 ORJSA2020S005	0.00	0.00	31,818.00
1W	7400168	25400	0522507	453065021 ORJSA2020S006	0.00	0.00	20,991.00
1W	7400168	25400	0522551	453065021 ORJSA2020S007	0.00	0.00	40,000.00
1W	7400168	25400	0522614	453065021 ORJSA2020S010	0.00	0.00	175,000.00
1W	7400168	25400	0522684	453065021 ORJSA2020S013	0.00	0.00	90,000.00
1W	7400168	25400	0560081	453065021 ORJSA2021S007	0.00	0.00	39,091.00
1W	7400168	25400	0560167	453065021 ORJSA2021S009	0.00	0.00	30,000.00
1W	7400168	25400	0560297	453065021 ORJSA2021S010	0.00	0.00	29,300.00
1W	7400168	25400	0560369	453065021 ORJSA2021S011	0.00	0.00	81,000.00
1W	7400168	25400	0560318	453065021 ORJSA2022S001	0.00	0.00	40,000.00
1W	7400168	25400	0560353	453065021 ORJSA2022S002	0.00	0.00	50,000.00
1W	7400168	25400	0560349	453065021 ORJSA2022S003	21,985.68	21,985.68	65,957.00
1W	7400168	25400	0560405	453065021 ORJSA2022S004	0.00	0.00	20,000.00
2Y	1720572	25400		600301010 AGR2006W004SAIC001	0.00	0.00	62,193.00
2W	1720572	25400	0492981	600301010 AGRJSA2006W012	0.00	0.00	0.00
2Z	1720572	25400	0492981	600301010 AGRJSA2006W012	0.00	0.00	148,062.00
2W	1720572	25400	0496459	600301010 AGRJSA-2006W012	0.00	0.00	0.00
2Y	1720572	25400	0496459	600301010 AGRJSA-2006W012	0.00	0.00	275,819.00
2W	1720572	25400	0490137	600301010 AGRSURA2005W008	0.00	0.00	0.00
2Y	1720572	25400	0490137	600301010 AGRSURA2005W008	0.00	0.00	0.00
2W	1720572	25400	0494417	600301010 JSA2008W0006	0.00	0.00	28,383.00
2W	1720572	25400	0493299	600301010 JSA-2008W0006	0.00	0.00	0.00
2Z	1720572	25400	0493299	600301010 JSA-2008W0006	0.00	0.00	71,164.00
2Z	1720572	25400		600301010 JSA2008W007	0.00	0.00	56,190.00
2Z	1720572	25400	0493707	600301010 JSA2008W009	0.00	0.00	46,701.00
2Z	1720572	25400		600301010 JSA2008W010	0.00	0.00	2,545.00
2Z	1720572	25400	0493544	600301010 JSA2008W011	0.00	0.00	9,357.00
2W	1720572	25400	0494917	600301010 JSA2009W002	0.00	0.00	290,594.00
2W	1720572	25400	0495208	600301010 JSA-2009-W003	0.00	0.00	47,992.00
2W	1720572	25400	0494916	600301010 JSA2009W004	0.00	0.00	1,809,844.00
2W	1720572	25400	0499390	600301010 JSA-2010W014	0.00	0.00	39,675.00
2W	1720572	25400	0499357	600301010JSA2011W010	0.00	0.00	24,333.00
2W	1720572	25400	0500925	600301010JSA2011W026	0.00	0.00	48,989.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
2W	1720572	25400	0502795	600301010JSA2012W016	0.00	0.00	24,253.00
2W	1720572	25400	0507067	600301010JSA2014W007	0.00	0.00	48,517.00
2W	1720573	25400	0483809	600301020 AGRSURA2003W003	0.00	0.00	0.00
2Y	1720573	25400	0483809	600301020 AGRSURA2003W003	0.00	0.00	2,013.00
2Y	1720573	25400		600301020 AGRSURA2004W004	0.00	0.00	0.00
2W	1720573	25400	0500643	600301020JSA2011W023	0.00	0.00	13,279.00
2W	1720575	25400	0494478	600303000 JSA-2011W014	0.00	0.00	8,999,733.00
2W	1720575	25400	0502366	600303000 JSA-2011W014A	0.00	0.00	2,390,000.00
2W	1720575	25400	0509161	600303000 JSA-2011W014B	0.00	0.00	3,950,000.00
2W	1720575	25400	0503643	600303000 JSA2013W010	0.00	0.00	2,996,251.00
2W	1720575	25400	0505654	600303000 JSA2013W019	0.00	0.00	88,120.00
2Y	1720577	25400		600305000 AGR2004W002W	0.00	0.00	42,754.00
2Y	1720577	25400		600305000 AGRSURA2005W001	0.00	0.00	160,168.00
2W	1720577	25400	0490395	600305000 AGRSURA2005W005	0.00	0.00	6,590.00
2Y	1720577	25400	0490395	600305000 AGRSURA2005W005	0.00	0.00	171,024.00
2Y	1720577	25400		600305000 AGRSURA-2006W005	0.00	0.00	360,602.00
2Y	1720577	25400		600305000 AGRSURA-2006W007	0.00	0.00	21,077.00
2W	1720577	25400	0494290	600305000 JSA2008-W016	0.00	0.00	5,057.00
2W	1720577	25400	0498316	600305000 JSA2010-W013	0.00	0.00	455,000.00
2W	1720577	25400	0499234	600305000 JSA2010W020	0.00	0.00	273,114.00
2W	1720577	25400	0500048	600305000 JSA2011W019	0.00	0.00	10,558.00
2W	1720577	25400	0501712	600305000 JSA2012W002	0.00	0.00	128,533.00
2W	1720577	25400	0501540	600305000 JSA2012W003	0.00	0.00	3,449,126.00
2W	1720577	25400	0502326	600305000 JSA2012W011	0.00	0.00	16,516.00
2W	1720577	25400	0504048	600305000 JSA2013W016	0.00	0.00	19,302.00
2W	1720577	25400	0507633	600305000 JSA2014W011	0.00	0.00	225,000.00
2W	1720577	25400	0508329	600305000 JSA2015W002	0.00	0.00	1,260,939.00
2W	1720577	25400	0494980	600305000 SURA2005W005	0.00	0.00	24,695.00
2Y	1720578	25400		600306000 AGRSURA-2004W001	0.00	0.00	0.00
2W	1720578	25400	0492957	600306000 AGRSURA2006W009	0.00	0.00	0.00
2Z	1720578	25400	0492957	600306000 AGRSURA2006W009	0.00	0.00	5,952.00
2Y	1720578	25400		600306000 AGRSURA-2006W009	0.00	0.00	42,156.00
1W	1720614	25400	0496240	650102000 AGRJSA-2006S015	0.00	0.00	0.00
1Y	1720614	25400	0496240	650102000 AGRJSA-2006S015	0.00	0.00	221,958.00
1Y	1720614	25400		650102000 AGRSURA2002S003	0.00	0.00	0.00
1W	1720614	25400	0483807	650102000 AGRSURA-2004S002	0.00	0.00	121,834.00
1Y	1720614	25400	0483807	650102000 AGRSURA-2004S002	0.00	0.00	83,671.00
1Y	1720614	25400		650102000 AGRSURA-2005S001	0.00	0.00	4,506.00
1Y	1720614	25400		650102000 AGRSURA-2005S004	0.00	0.00	15,637.00
1Y	1720614	25400		650102000 AGRSURA-2005S005	0.00	0.00	42,159.00
1W	1720614	25400	0495243	650102000 JSA2009S005	0.00	0.00	29,874.00
1W	1720614	25400	0495869	650102000 JSA2010-S001	0.00	0.00	119,789.00
1W	1720614	25400	0507537	650102000 JSA2014S008	0.00	0.00	281,413.00
1W	1720616	25400	0496166	650201010 AGRJSA2006S008	0.00	0.00	36,482.00
1Y	1720616	25400	0496166	650201010 AGRJSA2006S008	0.00	0.00	4,891.00
1W	1720616	25400	0493924	650201010 JSA-2008S010	0.00	0.00	29,388.00
1W	1720616	25400	0493925	650201010 JSA-2008S012	0.00	0.00	29,453.00
1W	1720616	25400	0494086	650201010 JSA2008S014	0.00	0.00	15,360.00
1W	1720616	25400	0494314	650201010 JSA2008S017	0.00	0.00	669,204.00
1W	1720616	25400	0503229	650201010 JSA2009S007	0.00	0.00	23,870.00
1W	1720616	25400	0496006	650201010 JSA2009S013	0.00	0.00	26,783.00
1W	1720616	25400	0496007	650201010 JSA2009S014	0.00	0.00	27,658.00
1W	1720616	25400	0496046	650201010 JSA2009S017	0.00	0.00	3,915.00
1W	1720616	25400	0497873	650201010 JSA-2010S002	0.00	0.00	188,624.00
1W	1720616	25400	0498970	650201010 JSA2010S015	0.00	0.00	29,615.00
1W	1720616	25400	0498969	650201010 JSA2010S016	0.00	0.00	27,000.00
1W	1720616	25400	0499791	650201010 JSA2010S017	0.00	0.00	497,903.00
1W	1720616	25400	0498967	650201010 JSA2010S019	0.00	0.00	175,883.00
1W	1720616	25400	0499663	650201010 JSA2011S001-001	0.00	0.00	1,888,333.00
1W	1720616	25400	0499803	650201010 JSA2011S002	0.00	0.00	18,840.00
1W	1720616	25400	0499235	650201010 JSA2011S003	0.00	0.00	18,195.00
1W	1720616	25400	0499389	650201010 JSA2011S008	0.00	0.00	47,648.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
1W	1720616	25400	0499388	650201010 JSA-2011S009	0.00	0.00	187,492.00
1W	1720616	25400	0499802	650201010 JSA2011S015	0.00	0.00	108,135.00
1W	1720616	25400	0500230	650201010 JSA2011S018	0.00	0.00	17,903.00
1W	1720616	25400	0500868	650201010 JSA2011S020	0.00	0.00	30,000.00
1W	1720616	25400	0500866	650201010 JSA2011S021	0.00	0.00	30,000.00
1W	1720616	25400	0500867	650201010 JSA2011S025	0.00	0.00	221,519.00
1W	1720616	25400	0501458	650201010 JSA2012S001	0.00	0.00	48,562.00
1W	1720616	25400	0501681	650201010 JSA2012S004	0.00	0.00	60,522.00
1W	1720616	25400	0502303	650201010 JSA2012S005	0.00	0.00	29,819.00
1W	1720616	25400	0502915	650201010 JSA2012S007	0.00	0.00	196,615.00
1W	1720616	25400	0503044	650201010 JSA2012S015	0.00	0.00	975,506.00
1W	1720616	25400	0504212	650201010 JSA2013S009	0.00	0.00	8,890.00
1W	1720616	25400	0506027	650201010 JSA2013S011	0.00	0.00	30,004.00
1W	1720616	25400	0503896	650201010 JSA2013S012	0.00	0.00	47,932.00
1W	1720616	25400	0504060	650201010 JSA2013S013	0.00	0.00	46,762.00
1W	1720616	25400	0505862	650201010 JSA2013S014	0.00	0.00	198,129.00
1W	1720616	25400	0504329	650201010 JSA2013S015	0.00	0.00	294,671.00
1W	1720616	25400	0505654	650201010 JSA2013W019	0.00	0.00	0.00
1W	1720616	25400	0508328	650201010 JSA2014S001	0.00	0.00	139,011.00
1W	1720616	25400	0505997	650201010 JSA2014S002	0.00	0.00	1,904,950.00
1W	1720616	25400	0509546	650201010 JSA2015S005	0.00	0.00	42,891.00
1W	1720616	25400	0509545	650201010 JSA2015S006	0.00	0.00	43,825.00
1W	1720616	25400	0509348	650201010 JSA2015S007	0.00	0.00	23,175.00
	2924438	25400		AT4030000	0.00	0.00	242,167.00
	1004222	25400		BT0400000	0.00	0.00	36,000.00
	1713203	25400		CS5020000 IT NETWORK ASSESSMENT HQ	0.00	0.00	6,654.00
ZA	1005103	25400		EB4215000	0.00	0.00	113,996.00
ZA	1005091	25400		EL1708000	0.00	0.00	43,339.00
WA	2923652	25400	Fund 500	FS1001000	226,825.00	226,825.00	13,410,098.00
WA	2923652	25400	Fund 532	FS1001000A	0.00	0.00	721,000.00
WA	2923653	25400	Fund 500	FS1002000	82,923.00	82,923.00	4,346,811.00
WA	2923653	32002		FS1002000	0.00	0.00	328,913.00
WV	2923653	25400		FS1002000	0.00	0.00	4,470.00
WA	2923653	32002		FS1002000 (0472376)	0.00	0.00	19,475.00
WA	2923653	25400	Fund 532	FS1002000A	0.00	0.00	191,000.00
WA	2923654	25400		FS1004000	0.00	0.00	228,271.00
WA	2923655	25400	Fund 500	FS1005000	526,000.00	526,000.00	15,065,754.00
WA	2923655	25400	Fund 532	FS1005000A	0.00	0.00	1,283,000.00
WA	2923656	25400	Fund 500	FS1006000	67,098.00	67,098.00	1,148,098.00
WA	2923656	25400	Fund 532	FS1006000A	0.00	0.00	138,050.00
WA	2923657	25400	Fund 500	FS1007000	6,541.00	6,541.00	251,541.00
WA	2923657	25400	Fund 532	FS1007000A	0.00	0.00	41,000.00
WA	2923658	25400	Fund 500	FS1009000	40,512.00	40,512.00	2,183,784.71
WA	2923658	25400	Fund 532	FS1009000A	0.00	0.00	175,000.00
TF	1001221	25400		GD2540600	0.00	0.00	64,793.00
	1005746	25400		GT0303000	0.00	0.00	84,700.00
WA	2923659	25400		KA1101010	0.00	0.00	0.00
WA	2923685	25400		KA1201020	0.00	0.00	338,168.00
WA	2923706	25400		KA1401030	0.00	0.00	781,255.00
WA	2923707	25400		KA1401040	0.00	0.00	205,868.00
WA	2923707	31003		KA1401040	0.00	0.00	1,247,855.00
WA	2924152	25400		KA1401050	0.00	0.00	0.00
WA	2924152	31003		KA1401050	0.00	0.00	1,645,614.00
WA	2923709	25400		KA1501020	0.00	0.00	76,725.00
WA	2923712	25400		KA1502020	0.00	0.00	435,462.00
WA	2924034	25400		KA1502021	0.00	0.00	8,254,684.00
WA	2923713	25400		KA1502030	0.00	0.00	19,928.00
WA	2924325	25400		KA2201020	0.00	0.00	0.00
WA	2924325	31003		KA2201020	0.00	0.00	663,258.00
WA	2924327	25400		KA2201090	0.00	0.00	242,166.00
WA	2924356	25400		KA2401019	0.00	0.00	9,517.00
WA	2924363	25400		KA2403013	0.00	0.00	964,552.00

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WA	2924033	25400		39KB00000P	0.00	0.00	0.00
WA	2924363	31003		KA2403013	0.00	0.00	897,278.00
WA	2924366	25400		KA2501012	0.00	0.00	709,000.00
WA	2925070	25400		KA2501015	0.00	0.00	95,000.00
WA	2924369	25400		KA2501022	0.00	0.00	249,931.00
WA	2924380	25400		KA2601020	0.00	0.00	3,216,590.00
WA	2924382	25400		KA2602010	0.00	0.00	258,202.00
WA	2923718	25400		KB0101011	0.00	0.00	0.00
WA	2923720	25400		KB0101021 Research	1,278,000.00	1,278,000.00	111,764,577.00
WA	2923721	25400		KB0101022	0.00	0.00	625,000.00
WA	2923722	25400		KB0101030	0.00	0.00	242,167.00
WA	2924154	25400		KB0101052	0.00	0.00	18,302,900.00
WA	2924498	25400		KB0101062	0.00	0.00	50,000.00
WA	2923723	25400	473340	KB0102011	0.00	0.00	11,652.00
WA	2923723	31003		KB0102011 (EQU)	61,000.00	61,000.00	7,488,000.00
WA	2923723	25400		KB0102011 Accelerator Ops	17,067,000.00	17,067,000.00	949,317,850.24
WA	2923723	32003	0472476	KB0102011 AIP	210,000.00	210,000.00	15,268,243.00
WA	2923723	32002	0472376	KB0102011 GPP	325,000.00	325,000.00	39,534,717.00
WA	2923724	31003		KB0102012 Capital (EQU)	689,000.00	689,000.00	64,399,642.00
WA	2923724	25400		KB0102012 Exp Fac Ops	9,593,000.00	9,593,000.00	518,201,856.31
WA	2923725	25400		KB0102013	0.00	0.00	22,006,301.00
WA	2923725	31003		KB0102013 (EQU)	0.00	0.00	0.00
WA	2925495	25400		KB0102014	0.00	0.00	2,000,000.00
WA	2923727	25400		KB0102030	0.00	0.00	303,187.00
WA	2923730	25400		KB0181015	0.00	0.00	944,599.00
WA	2923731	25400		KB0181020	0.00	0.00	933,000.00
WA	2925129	25400		KB0202051	0.00	0.00	3,500,000.00
WA	2925188	25400		KB0203011	2,000,000.00	2,000,000.00	13,468,930.00
WA	2925188	25400	Fund 7700	KB0203011	0.00	0.00	1,000,000.00
WA	2923746	31003		KB0301020 (EQU)	0.00	0.00	228,386.00
WA	2923746	25400		KB0301020 Theory	1,090,000.00	1,090,000.00	76,272,560.00
WA	2923752	25400		KB0301052	0.00	0.00	4,942,410.00
WA	2923752	31003		KB0301052 (EQU)	0.00	0.00	18,346.00
WA	2925398	25400		KB0301053 Theory SciDAC LQCD for SFI	0.00	0.00	135,000.00
WA	2924500	25400	FUND 500	KB0301062	0.00	0.00	235,000.00
WA	2924500	25400	FUND 532	KB0301062A	0.00	0.00	0.00
WA	2924500	25400	302699	KB0301062A	0.00	0.00	140,000.00
WA	2923755	25400		KB0401022	0.00	0.00	198,464.00
WA	2923761	25400		KB0401052	0.00	0.00	58,325.00
WA	2925029	25400		KB0405012	0.00	0.00	1,285,000.00
WA	2925029	31003		KB0405012 (EQU)	0.00	0.00	2,000,000.00
WA	2925197	25400		KB0406013	0.00	0.00	155,000.00
WA	2925197	31003		KB0406013 (EQU)	1,000,000.00	1,000,000.00	11,000,000.00
WA	2925197	25400	Fund 7700	KB0406013	0.00	0.00	120,000.00
WA	2925197	31003	Fund 7700	KB0406013 (EQU)	0.00	0.00	31,100,000.00
WA	2923769	25400		KC0201010	0.00	0.00	70,202.00
WA	2924039	25400		KC0211010	0.00	0.00	899,342.00
WA	2925000	25400		KC0304031	0.00	0.00	171,965.00
WA	2924305	25400		KC0406020	0.00	0.00	1,491,636.00
WA	2924305	25400		KC0406021	0.00	0.00	130,000.00
WA	2924305	25400	0302695	KC0406021	0.00	0.00	500,000.00
WA	2924251	25400		KC0407000	0.00	0.00	5,947,204.00
WA	2924416	32002		KG0701000	0.00	0.00	14,926,000.00
WA	2924416	32002	Fund 7700	KG0701000	0.00	0.00	2,250,000.00
WA	2923828	25400		KG0801000	0.00	0.00	9,612.00
WA	2924024	32002	0472376	KG0900000	0.00	0.00	146,191.00
WA	2923832	25400		KJ0102000	0.00	0.00	314,692.00
WA	2923833	25400		KJ0200000	0.00	0.00	2,172.00
WA	2924134	25400		KJ0401000	0.00	0.00	242,167.00
WA	2924136	25400		KJ0403000	0.00	0.00	879,503.00
WA	2924476	25400		KJ0403010	0.00	0.00	2,362,100.00
WA	2924476	25400	0302695	KJ0403010	0.00	0.00	1,202,000.00
WA	2925412	25400		KJ0501020	0.00	0.00	1,930,000.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
WA	2924141	25400		KJ0504000	0.00	0.00	179,691.00
WA	2923835	25400		KL0101000	0.00	0.00	712,952.00
WA	2923837	25400		KL0103000	0.00	0.00	0.00
WA	2924169	25400		KL0104000	0.00	0.00	450,815.00
WA	2923838	25400		KL0201000	0.00	0.00	1,303,064.00
WA	2923839	25400		KL0202000	0.00	0.00	26,901.00
WA	2924406	25400		KL1001000	0.00	0.00	1,930,791.00
WA	2924407	25400		KL1002000	0.00	0.00	195,375.00
WA	2924409	25400		KL1101000	0.00	0.00	0.00
WA	2924411	25400		KL1200000	0.00	0.00	440,000.00
WA	2924414	25400		KL1500000	0.00	0.00	17,500.00
WA	2923853	25400		KP1104020	0.00	0.00	0.00
WA	2923873	25400		KP1401030	0.00	0.00	884,256.00
WA	2923873	31003		KP1401030 (EQU)	0.00	0.00	4,588.00
WA	2923878	25400		KP1402010	0.00	0.00	0.00
WA	2923878	31003		KP1402010 (EQU)	0.00	0.00	1.00
WA	2924107	25400		KP1503020	0.00	0.00	1,200,000.00
WA	2924205	25400		KP1602010	0.00	0.00	2,819,115.00
WA	2924212	25400		KP1702010	0.00	0.00	55,166.00
WA	2924214	25400		KP1702030	0.00	0.00	75,000.00
WA	2924219	25400		KP1704020	0.00	0.00	83,000.00
WA	2924220	25400		KP1704030	0.00	0.00	29,000.00
WA	2925416	25400		KW0101020	0.00	0.00	461,000.00
WA	2924401	25400	800033	KX0314000	4,500.00	4,500.00	36,886.86
WA	2223275	25400	Fund 900	MB0515010	0.00	0.00	80,000.00
YY	1721310	25400	0515999	ORNL AUTH 4400000724-00001 PPU	0.00	0.00	1,100,000.00
VE	2720715	25400		ST5001030 RADIOISOTOPE PRODUCTION	0.00	0.00	515,036.00
WA	1005760	25400		SL0502000	0.00	0.00	16,960.00
	4500001	25400		TT1020000	0.00	0.00	35,000.00
	4500001	25400		TT1020000	0.00	0.00	20,000.00
	4500001	25400		TT1020000 ENERGY I-CORPS SITE FUNDS	0.00	0.00	23,792.00
	4500007	25400		TT1020030	0.00	0.00	40,000.00
	4500019	25400		TT2020031	0.00	0.00	42,589.00
SA	1721221	25400	0494689	WN0219050 JSAKEK	0.00	0.00	0.00
SA	1721224	25400	0508369	WN0219080 JSAAIP	0.00	0.00	0.00
YZ	1721310	25400	0496550	YN1901000 90.OR23177.OR40.4400	0.00	0.00	78,699.00
YZ	1721310	25400	0495791	YN1901000 AB 23177/ORNL 44-354	0.00	0.00	23,840.00
YY	1721310	25400	0502466	YN1901000 AMES AUTH FOR JSA OIC	0.00	0.00	4,361.00
YY	1721310	25400	0503767	YN1901000 ANL 30505	0.00	0.00	172,751.00
YY	1721310	25400	0503768	YN1901000 ANL 30506	0.00	0.00	493,363.00
YY	1721310	25400	0501780	YN1901000 ARGONNE 2T-30522 TJLAB	0.00	0.00	14,875.00
YY	1721310	25400	0506349	YN1901000 ARGONNE 4T-30341 3GHZ SINGLE	0.00	0.00	31,254.00
YY	1721310	25400	0508062	YN1901000 ARGONNE 4T-31301 ALCC HIGH GPS	0.00	0.00	45,569.00
YY	1721310	25400	0515377	YN1901000 ARGONNE 7T-30009 Cell Cav & VTA T	0.00	0.00	34,219.00
YY	1721310	25400	0515579	YN1901000 ARGONNE 8T-30067 E-BEAM WELDING	0.00	0.00	3,297.00
YY	1721310	25400	0502364	ANL-30067 EBW YN1901000 ARGONNE AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0503358	YN1901000 ARGONNE AUTH SHORT PULSE	0.00	0.00	179,422.00
YY	1721310	25400	0502495	YN1901000 BNL AUTH FOR JSA OIC	0.00	0.00	11,653.00
YY	1721310	25400	0503054	YN1901000 BNL AUTH FOR RICH DETECTOR	0.00	0.00	23,552.00
YY	1721310	25400	0515358	YN1901000 BRKHVN 324231 CIRCUIT BOARDS CONV	0.00	0.00	33,491.00
YY	1721310	25400	0515493	YN1901000 BRKHVN 340638 ERD22 R&D	0.00	0.00	88,010.37
YY	1721310	25400	0504211	YN1901000 BRKHVN AUTH FOR HOM PR	0.00	0.00	462,419.00
YY	1721310	25400	0508520	YN1901000 BROOKHAVEN 282337 EIC R&D	0.00	0.00	59,217.00
YY	1721310	25400	0510571	YN1901000 BROOKHAVEN 300581 C-100 RF	0.00	0.00	22,111.00
YY	1721310	25400	0510827	YN1901000 BROOKHAVEN 303473 EIC R&D	0.00	0.00	34,059.00
YY	1721310	25400	0512781	YN1901000 BROOKHAVEN 316799 VERT COLD TEST	0.00	0.00	9,247.00
YY	1721310	25400	0515387	YN1901000 BROOKHAVEN 330947 EIC R&D FOF COMI	0.00	0.00	5,218.00
YY	1721310	25400	0515501	YN1901000 BROOKHAVEN 342230 EIC	0.00	0.00	123,050.00
YY	1721310	25400	0515519	YN1901000 BROOKHAVEN 348363 EIC R&D Compton	0.00	0.00	16,005.00
YY	1721310	25400	0502771	YN1901000 BROOKHAVEN AUTH FOR BEAM	0.00	0.00	27,856.00
YY	1721310	25400	0510336	YN1901000 FERMI 623843 PROTOTYPE RFD	0.00	0.00	1,072,618.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
YY	1721310	25400	0515498	YN1901000 FERMI 641178 LATTICE QCD COMPUTING	0.00	0.00	97,207.00
YY	1721310	25400	0515500	YN1901000 FERMI 641343 CAVITIES IMPROVE	0.00	0.00	150,000.00
YY	1721310	25400	0515754	YN1901000 FERMI 663663 JLAB PIP-II LLRF	0.00	0.00	642,762.59
YY	1721310	25400	0515821	YN1901000 FERMI 671276 CRYO PROJ	0.00	0.00	371,117.00
YY	1721310	25400	0515648	YN1901000 FERMI HL-LHC ACCELERATOR 654726	0.00	0.00	1,408,612.04
YZ	1721310	25400	0500839	YN1901000 FNAL PO 596124	0.00	0.00	97,820.00
YY	1721310	25400	0509574	YN1901000 L AUTH 5T-30581 3GHZ SINGLE CELL	0.00	0.00	4,916.00
YZ	1721310	25400	0494036	YN1901000 LANL for Muon Scan	0.00	0.00	384,851.00
YZ	1721310	25400	0494624	YN1901000 LANL support	0.00	0.00	26,596.00
YZ	1721310	25400	0499474	YN1901000 LANL WINDOWS	0.00	0.00	87,004.00
YZ	1721310	25400	0499711	YN1901000 NAF- ARGONNE-1T-30461	0.00	0.00	940,191.00
YZ	1721310	25400	0501346	YN1901000 NAF- ARGONNE-2T-30262	0.00	0.00	0.00
YY	1721310	25400	0501346	YN1901000 NAF-ARGONNE 2T-30262	0.00	0.00	1,853,287.00
YZ	1721310	25400	0500468	YN1901000 NAF-BROOKHAVEN PO 200930	0.00	0.00	56,673.00
YZ	1721310	25400	0500469	YN1901000 NAF-BROOKHAVEN PO 201878	0.00	0.00	278,349.00
YZ	1721310	25400	0500688	YN1901000 NAF-BROOKHAVEN PO 203685	0.00	0.00	55,554.00
YY	1721310	25400	0502424	YN1901000 ORNL WNDW2	0.00	0.00	11,511.00
YY	1721310	25400	0515503	YN1901000 ORNL 4400000581 ECP ASCR	0.00	0.00	2,898,807.50
YY	1721310	25400	0582076	YN1901000 ORNL 4400000772 ECP ASCR	0.00	0.00	437,362.50
YY	1721310	25400	0515683	YN1901000 ORNL 4400000615-00002 Auth SNS PPU	0.00	0.00	10,423,478.51
YY	1721310	25400	0515684	YN1901000 ORNL 4400000615-00003 Auth SNS PPU	0.00	0.00	9,143,518.00
YY	1721310	25400	0515901	YN1901000 ORNL 4400000615-00004 JSA PPU	0.00	0.00	2,393,248.00
YY	1721310	25400	0582042	YN1901000 ORNL 4400000757-00001 JSA CAVITY WOF	0.00	0.00	30,000.00
YY	1721310	25400	0513324	YN1901000 ORNL 44-582 AUTH FOR PPU	0.00	0.00	28,629.00
YY	1721310	25400	0513313	YN1901000 ORNL 581 EXASCALE COMPU PROJ	0.00	0.00	541,605.00
YY	1721310	25400	0503569	YN1901000 ORNL AUTH FOR OIC	0.00	0.00	0.00
YY	1721310	25400	0515528	YN1901000 ORNL AUTH TEST HB CAVITIES	0.00	0.00	84,742.00
YY	1721310	25400	0506381	YN1901000 ORNL INCITE PROGRAM	0.00	0.00	5,163.00
YY	1721310	25400	0508522	YN1901000 ORNL INCITE PROGRAM	0.00	0.00	14,444.00
YY	1721310	25400	0515350	YN1901000 ORNL SCL MED BETA CRYOMODULE	0.00	0.00	104,289.00
YY	1721310	25400	0515535	YN1901000 ORNL SNS Proton Power Upgrade 615	0.00	0.00	1,921,519.00
YY	1721310	25400	0515664	YN1901000 PNNL 466887 Smith Travel FY19	0.00	0.00	3,731.00
YY	1721310	25400	0515797	YN1901000 PNNL 520092LYNME PE1 SUPPORT FY20	0.00	0.00	41,288.00
YY	1721310	25400	0515825	YN1901000 PNNL 540640 AUTH DR FAST SUPPORT	0.00	0.00	84,372.00
YZ	1721310	25400	0515911	YN1901000 PNNL 577342 JSA ASCR	0.00	0.00	120,000.00
YZ	1721310	25400	0515978	YN1901000 PNNL 586252 LYNME PE1 Support FY22	0.00	0.00	139,300.00
YY	1721310	25400	0502028	YN1901000 PNNL AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0502815	YN1901000 PNNL AUTH FOR JSA LOGUE	0.00	0.00	0.00
YY	1721310	25400	0515520	YN1901000 PNNL Issue Mgmt Process Travel	0.00	0.00	3,114.00
YY	1721310	25400	0502624	YN1901000 PPPL AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25400	0505429	YN1901000 REVIEW OF SNS PPS	0.00	0.00	25,306.00
YY	1721310	25400	0505657	YN1901000 SLAC 122022 CRYOPLANT	0.00	0.00	141,521.00
YY	1721310	25400	0505656	YN1901000 SLAC 122023 SUPERCONDUCTING	0.00	0.00	288,017.00
YY	1721310	25400	0505704	YN1901000 SLAC 122440 LCLSII ESH CDC/D	0.00	0.00	57,106.00
YY	1721310	25400	0505846	YN1901000 SLAC 122868 LCLSII ACCELERATOR	0.00	0.00	136,113.00
YY	1721310	25400	0505995	YN1901000 SLAC 123753 LCLS II HIGH Q0 R&D	0.00	0.00	444,716.00
YY	1721310	25400	0506147	YN1901000 SLAC 123822 LCLS II END CAN ENG	0.00	0.00	219,725.00
YY	1721310	25400	0506145	YN1901000 SLAC 123823 LCLS II BRIDGING EFF	0.00	0.00	255,699.00
YY	1721310	25400	0506426	YN1901000 SLAC 125201 LCLS II CRYOMODULE	0.00	0.00	168,747,924.00
YY	1721310	25400	0515972	YN1901000 SLAC 14661	0.00	0.00	234,237.00
YY	1721310	25400	0508691	YN1901000 SLAC 153127 HEAVY PHOTON SEA	0.00	0.00	45,194.00
YY	1721310	25400	0508805	YN1901000 SLAC 153678 NUM MOD SIM FIELD	0.00	0.00	48,342.00
YY	1721310	25400	0515514	YN1901000 SLAC 181827 CD-1 Review for LCLS II HE	0.00	0.00	48,250.00
YY	1721310	25400	0515518	YN1901000 SLAC 183676 SRF Cavities for LCLS II	4,500,000.00	4,500,000.00	26,987,615.04
YY	1721310	25400	0515788	YN1901000 SLAC 202475 ACCELERATOR REV TRAVEL	0.00	0.00	8,515.00
YY	1721310	25400	0582026	YN1901000 SLAC 215058 AUTH JSA COMMISSIONING	0.00	0.00	203,000.00
YY	1721310	25400	0515868	YN1901000 SLAC AUTH 208768 JLAB LCLS II Cryo	0.00	0.00	295,000.00
YY	1721310	25400	0502425	YN1901000 SLAC AUTH FOR JSA	0.00	0.00	11,653.00
YY	1721310	25102	0504378	YN1901000 SNS 468	0.00	0.00	50,000.00
YY	1721310	25400	0506348	YN1901000 SNS CAVITY PROCESSING 440000	0.00	0.00	38,831.00
YY	1721310	25400	0511632	YN1901000 SNS CAVITY PROCESSING 440000	0.00	0.00	49,365.00
YZ	1721310	25400	0498940	YN1901000 S-TJNAF CYROGENICS SYS	0.00	0.00	44,796.00

FT	Program	Obj Cl	Local Use or SPP	B&R Code	Change	FY23 Amount	Cumulative Contract Amount
WA	2924033	25400		39KB00000P	0.00	0.00	0.00
YY	1721310	25400	0502343	YN1901000 TJ-BERKLEY.35893	0.00	0.00	11,653.00
YY	1721310	25400	0502345	YN1901000 TJ-FERMI 607737	0.00	0.00	11,653.00
YZ	1721310	25400		YN1901000 TSK4400000101	0.00	0.00	0.00
YZ	1721310	25400	0485478	YN1901000 TSK4400000239	0.00	0.00	5,247.00
YZ	1721310	25400	0490967	YN1901000 TSK4400000263	0.00	0.00	395,063.00
YZ	1721310	25400	0473313	YN1901000 TSKER40150JLAAA	0.00	0.00	0.00
YZ	1721310	25400	0473312	YN1901000 TSKER40150L111J	0.00	0.00	0.00
YZ	1721310	25400	0473314	YN1901000 TSKER40150TJAAA	0.00	0.00	-1,147.00
YZ	1721310	25400	0484380	YN1901000 TSKOLDIPAC	0.00	0.00	-4,320.00
YY	1721310	25400	0501665	YN1901000 UTB-VIPERS 34904	0.00	0.00	11,653.00
					0.00	0.00	0.00
SUBTOTAL					39,894,384.68	39,894,384.68	2,751,661,955.66

AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF FY 2009

WO	2923489	32001	0472770	39KB01000P (WA KB/OR39/9/ARRA-1)	0.00	0.00	64,999,150.00
WO	2924093	25400		KA1502012 (WA KA/OR39/9/ARRA-1)	0.00	0.00	1,942,354.00
WO	2924093	25400	0473341	KA1502012 (WA KA/OR39/9/ARRA-1)	0.00	0.00	0.00
WO	2923723	32002	0473098	KB0102011 (WA KB/OR39/9/ARRA-2)	0.00	0.00	9,997,519.00
WO	2923723	32003	0473101	KB0102011 (WA KB/OR39/9/ARRA-4)	0.00	0.00	2,744,777.00
WO	2923746	25400		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	1,234,219.00
WO	2923746	31003		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	3,475,636.00
WO	2923746	32002		KB0301020 (WA KB/OR39/9/ARRA-3)	0.00	0.00	250,000.00
WO	2923755	25400		KB0401022 (WA KB/OR39/9/ARRA-5)	0.00	0.00	1,825,369.00
SUBTOTAL ARRA FUNDING					0.00	0.00	86,469,024.00
TOTAL CONTRACT FUNDING					39,894,384.68	39,894,384.68	2,838,130,979.66

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-23 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	00500	2020	2924438	AT4030300	25400	0302546	0000000	0000000		18,054.00	0.00	0.00	0.00	18,054.00
Subtotal for Program Parent: C000840, AT0000000										18,054.00	0.00	0.00	0.00	18,054.00
		2023	2923652	FS1001000	25400	0000000	0000000	0000000		0.00	0.00	226,825.00	226,825.00	226,825.00
		2022	2923652	FS1001000	25400	0000000	0000000	0000000		682,629.00	0.00	0.00	0.00	682,629.00
		2023	2923653	FS1002000	25400	0000000	0000000	0000000		0.00	0.00	82,923.00	82,923.00	82,923.00
		2022	2923653	FS1002000	25400	0000000	0000000	0000000		444,008.00	0.00	0.00	0.00	444,008.00
		2021	2923653	FS1002000	25400	0000000	0000000	0000000		53,000.00	0.00	0.00	0.00	53,000.00
		2020	2923653	FS1002000	25400	0000000	0000000	0000000		519,135.00	0.00	0.00	0.00	519,135.00
		2023	2923655	FS1005000	25400	0000000	0000000	0000000		0.00	0.00	526,000.00	526,000.00	526,000.00
		2022	2923655	FS1005000	25400	0000000	0000000	0000000		1,193,412.00	0.00	0.00	0.00	1,193,412.00
		2023	2923656	FS1006000	25400	0000000	0000000	0000000		0.00	0.00	67,098.00	67,098.00	67,098.00
		2022	2923656	FS1006000	25400	0000000	0000000	0000000		139,640.00	0.00	0.00	0.00	139,640.00
		2023	2923657	FS1007000	25400	0000000	0000000	0000000		0.00	0.00	6,541.00	6,541.00	6,541.00
		2022	2923657	FS1007000	25400	0000000	0000000	0000000		28,545.00	0.00	0.00	0.00	28,545.00
		2023	2923658	FS1009000	25400	0000000	0000000	0000000		0.00	0.00	40,512.00	40,512.00	40,512.00
		2022	2923658	FS1009000	25400	0000000	0000000	0000000		38,574.71	0.00	0.00	0.00	38,574.71
Subtotal for Program Parent: C000984, FS1000000										3,098,943.71	0.00	949,899.00	949,899.00	4,048,842.71
		2023	2923720	KB0101021	25400	0000000	0000000	0000000		0.00	0.00	1,278,000.00	1,278,000.00	1,278,000.00
		2022	2923720	KB0101021	25400	0000000	0000000	0000000		3,719,282.00	0.00	0.00	0.00	3,719,282.00
		2022	2923721	KB0101022	25400	0000000	0000000	0000000		625,000.00	0.00	0.00	0.00	625,000.00
		2020	2923722	KB0101030	25400	0302546	0000000	0000000		242,167.00	0.00	0.00	0.00	242,167.00
		2022	2924154	KB0101052	25400	0000000	0000000	0000000		2,347,000.00	0.00	0.00	0.00	2,347,000.00
		2021	2924154	KB0101052	25400	0000000	0000000	0000000		1,860,922.00	0.00	0.00	0.00	1,860,922.00
		2020	2924154	KB0101052	25400	0000000	0000000	0000000		693,011.00	0.00	0.00	0.00	693,011.00
		2019	2924498	KB0101062	25400	0000000	0000000	0000000		39,126.00	0.00	0.00	0.00	39,126.00
		2023	2923723	KB0102011	32002	0472376	0000000	0000000		0.00	0.00	325,000.00	325,000.00	325,000.00
		2023	2923723	KB0102011	31003	0000000	0000000	0000000		0.00	0.00	61,000.00	61,000.00	61,000.00
		2023	2923723	KB0102011	25400	0000000	0000000	0000000		0.00	0.00	17,067,000.00	17,067,000.00	17,067,000.00
		2023	2923723	KB0102011	32003	0472476	0000000	0000000		0.00	0.00	210,000.00	210,000.00	210,000.00
		2022	2923723	KB0102011	32002	0472376	0000000	0000000		1,626,000.00	0.00	0.00	0.00	1,626,000.00
		2022	2923723	KB0102011	31003	0000000	0000000	0000000		306,000.00	0.00	0.00	0.00	306,000.00
		2022	2923723	KB0102011	32003	0472476	0000000	0000000		550,474.00	0.00	0.00	0.00	550,474.00
		2022	2923723	KB0102011	25400	0000000	0000000	0000000		20,321,447.24	0.00	0.00	0.00	20,321,447.24
		2021	2923723	KB0102011	31003	0000000	0000000	0000000		306,000.00	0.00	0.00	0.00	306,000.00
		2021	2923723	KB0102011	32002	0472376	0000000	0000000		1,579,000.00	0.00	0.00	0.00	1,579,000.00
		2020	2923723	KB0102011	32002	0472376	0000000	0000000		331,090.00	0.00	0.00	0.00	331,090.00
		2020	2923723	KB0102011	31003	0000000	0000000	0000000		317,000.00	0.00	0.00	0.00	317,000.00
		2019	2923723	KB0102011	31003	0000000	0000000	0000000		227,284.00	0.00	0.00	0.00	227,284.00
		2023	2923724	KB0102012	31003	0000000	0000000	0000000		0.00	0.00	689,000.00	689,000.00	689,000.00
		2023	2923724	KB0102012	25400	0000000	0000000	0000000		0.00	0.00	9,593,000.00	9,593,000.00	9,593,000.00
		2022	2923724	KB0102012	31003	0000000	0000000	0000000		3,150,791.00	0.00	0.00	0.00	3,150,791.00

2020	2924219	KP1704021	25400	0302546	0000000	0000000	57,772.00	0.00	0.00	0.00	57,772.00
2020	2924220	KP1704031	25400	0302546	0000000	0000000	29,000.00	0.00	0.00	0.00	29,000.00
Subtotal for Program Parent: C001024, KP0000000							216,938.00	0.00	0.00	0.00	216,938.00
2020	2924327	KA2201090	25400	0302546	0000000	0000000	220,005.00	0.00	0.00	0.00	220,005.00
2022	2924366	KA2501012	25400	0000000	0000000	0000000	44,000.00	0.00	0.00	0.00	44,000.00
2021	2924366	KA2501012	25400	0000000	0000000	0000000	26,485.00	0.00	0.00	0.00	26,485.00
2020	2924366	KA2501012	25400	0000000	0000000	0000000	64,765.00	0.00	0.00	0.00	64,765.00
2022	2925070	KA2501015	25400	0000000	0000000	0000000	45,000.00	0.00	0.00	0.00	45,000.00
2021	2925070	KA2501015	25400	0000000	0000000	0000000	50,000.00	0.00	0.00	0.00	50,000.00
2021	2924380	KA2601020	25400	0000000	0000000	0000000	714,283.00	0.00	0.00	0.00	714,283.00
Subtotal for Program Parent: C002852, KA0000000							1,164,538.00	0.00	0.00	0.00	1,164,538.00
2020	2923769	KC0201011	25400	0302546	0000000	0000000	70,202.00	0.00	0.00	0.00	70,202.00
2020	2925000	KC0304031	25400	0302546	0000000	0000000	171,965.00	0.00	0.00	0.00	171,965.00
2022	2924305	KC0406021	25400	0302695	0000000	0000000	250,000.00	0.00	0.00	0.00	250,000.00
2021	2924305	KC0406021	25400	0302695	0000000	0000000	112,888.00	0.00	0.00	0.00	112,888.00
Subtotal for Program Parent: C002853, KC0000000							605,055.00	0.00	0.00	0.00	605,055.00
2022	2924416	KG0701000	32002	0000000	0000000	0000000	1,087,207.00	0.00	0.00	0.00	1,087,207.00
2021	2924416	KG0701000	32002	0000000	0000000	0000000	576,000.00	0.00	0.00	0.00	576,000.00
2020	2924416	KG0701000	32002	0000000	0000000	0000000	3,785,631.00	0.00	0.00	0.00	3,785,631.00
Subtotal for Program Parent: C002925, KG0700000							5,448,838.00	0.00	0.00	0.00	5,448,838.00
2023	2925036	39KB95030PRN20SC52000	32001	0000000	0000000	0000000	0.00	0.00	1,055,000.00	1,055,000.00	1,055,000.00
2022	2925036	39KB95030PRN20SC52000	32001	0000000	0000000	0000000	4,261,433.00	0.00	0.00	0.00	4,261,433.00
Subtotal for Program Parent: C003254, 39KB00000							4,261,433.00	0.00	1,055,000.00	1,055,000.00	5,316,433.00
2022	2925039	39KG95080PRN20SC73000	32001	0000000	0000000	0000000	9,528,783.00	0.00	0.00	0.00	9,528,783.00
Subtotal for Program Parent: C003257, 39KG00000							9,528,783.00	0.00	0.00	0.00	9,528,783.00
2022	2925416	KW0101020	25400	0000000	0000000	0000000	461,000.00	0.00	0.00	0.00	461,000.00
Subtotal for Program Parent: C003358, KW0000000							461,000.00	0.00	0.00	0.00	461,000.00
2022	2925401	39KG95200PRN22SC72000	32001	0000000	0000000	0000000	1,000,000.00	0.00	0.00	0.00	1,000,000.00
Subtotal for Program Parent: C003360, 39KG95200							1,000,000.00	0.00	0.00	0.00	1,000,000.00
Subtotal for Fund: 00500							95,796,532.26	0.00	35,317,899.00	35,317,899.00	131,114,431.26

Financial Plan Number: 118

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: OCT-23
 PO Number: OR23177
 Fund Parent: ALL FUNDS
 Fiscal Year: 2023
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: OR23177-117 (27-SEP-2022 13:42:45)
 Changes Only?: N
 To Date:

Report Date: 25-OCT-22 10:54
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Report Output Type: BEARS VERSION
Report Output: TEXT

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-23 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	00510	2023	7400168	453065021	25400	0000000	0000000	0560349	ORJSA2022S003	0.00	0.00	21,985.68	21,985.68	21,985.68
		2022	7400168	453065021	25400	0000000	0000000	0518172	ORJSA2018S005	59,861.00	0.00	0.00	0.00	59,861.00
		2022	7400168	453065021	25400	0000000	0000000	0560369	ORJSA2021S011	70,738.00	0.00	0.00	0.00	70,738.00
		2022	7400168	453065021	25400	0000000	0000000	0560405	ORJSA2022S004	17,814.00	0.00	0.00	0.00	17,814.00
		2022	7400168	453065021	25400	0000000	0000000	0560353	ORJSA2022S002	27,023.00	0.00	0.00	0.00	27,023.00
		2022	7400168	453065021	25400	0000000	0000000	0560349	ORJSA2022S003	25,368.32	0.00	0.00	0.00	25,368.32
		2022	7400168	453065021	25400	0000000	0000000	0560318	ORJSA2022S001	1,138.00	0.00	0.00	0.00	1,138.00
		2022	7400168	453065021	25400	0000000	0000000	0560031	JSA-2020S014	74,647.69	0.00	0.00	0.00	74,647.69
		2022	7400168	453065021	25400	0000000	0000000	0560297	ORJSA2021S010	18,401.00	0.00	0.00	0.00	18,401.00
		2022	7400168	453065021	25400	0000000	0000000	0522684	ORJSA2020S013	11,507.00	0.00	0.00	0.00	11,507.00
		2022	7400168	453065021	25400	0000000	0000000	0519758	ORJSA2019S001	7,392.00	0.00	0.00	0.00	7,392.00
		2021	7400168	453065021	25400	0000000	0000000	0560031	JSA-2020S014	54,010.51	0.00	0.00	0.00	54,010.51
		2021	7400168	453065021	25400	0000000	0000000	0522614	ORJSA2020S010	86,492.37	0.00	0.00	0.00	86,492.37
		2021	7400168	453065021	25400	0000000	0000000	0522586	ORJSA2020S009	45,495.00	0.00	0.00	0.00	45,495.00
		2021	7400168	453065021	25400	0000000	0000000	0560167	ORJSA2021S009	26,708.00	0.00	0.00	0.00	26,708.00
		2020	7400168	453065021	25400	0000000	0000000	0522614	ORJSA2020S010	14,829.63	0.00	0.00	0.00	14,829.63
		2020	7400168	453065021	25400	0000000	0000000	0521959	ORJSA2019S002	366,854.62	0.00	0.00	0.00	366,854.62
		2020	7400168	453065021	25400	0000000	0000000	0522551	ORJSA2020S007	1,607.00	0.00	0.00	0.00	1,607.00
		2020	7400168	453065021	25400	0000000	0000000	0521524	ORJSA2019S010	32,935.48	0.00	0.00	0.00	32,935.48
		2019	7400168	453065021	25400	0000000	0000000	0520039	ORJSA15SCERN2	3,537.27	0.00	0.00	0.00	3,537.27
		2018	7400168	453065021	25400	0000000	0000000	0512244	ORJSA2016S004	171.00	0.00	0.00	0.00	171.00
Subtotal for Program Parent: C003017, 453000000										946,530.89	0.00	21,985.68	21,985.68	968,516.57
Subtotal for Fund: 00510										946,530.89	0.00	21,985.68	21,985.68	968,516.57
00511	2014	1720575	600303000	25400	0000000	0000000	0509161	ORJSA2011W014B	51,816.00	0.00	0.00	0.00	51,816.00	
	2012	1720575	600303000	25400	0000000	0000000	0502366	ORJSA-2011W014A	3,047.00	0.00	0.00	0.00	3,047.00	
	2015	1720577	600305000	25400	0000000	0000000	0507633	ORJSA2014W011	1,557.00	0.00	0.00	0.00	1,557.00	
Subtotal for Program Parent: C000737, 600000000										56,420.00	0.00	0.00	0.00	56,420.00
	2022	7400113	453060031	25400	0000000	0000000	0560076	ORJSA2021W006	15,000.00	0.00	0.00	0.00	15,000.00	
	2021	7400113	453060031	25400	0000000	0000000	0560076	ORJSA2021W006	770.00	0.00	0.00	0.00	770.00	
	2022	7400116	453060034	25400	0000000	0000000	0502366	ORJSA-2011W014A	650,000.00	0.00	0.00	0.00	650,000.00	
	2021	7400116	453060034	25400	0000000	0000000	0522438	ORJSA2020W003	21,752.00	0.00	0.00	0.00	21,752.00	
	2021	7400116	453060034	25400	0000000	0000000	0560152	ORJSA2011W014C	671,417.00	0.00	0.00	0.00	671,417.00	
	2021	7400116	453060034	25400	0000000	0000000	0502366	ORJSA-2011W014A	364,000.00	0.00	0.00	0.00	364,000.00	
	2020	7400116	453060034	25400	0000000	0000000	0502366	ORJSA-2011W014A	75,844.59	0.00	0.00	0.00	75,844.59	
	2018	7400116	453060034	25400	0000000	0000000	0509161	ORJSA2011W014B	6,041.00	0.00	0.00	0.00	6,041.00	
	2023	7400118	453060036	25400	0000000	0000000	0560524	ORJSA2022W010	0.00	0.00	50,000.00	50,000.00	50,000.00	
	2021	7400118	453060036	25400	0000000	0000000	0507633	ORJSA2014W011	9,920.00	0.00	0.00	0.00	9,920.00	
Subtotal for Program Parent: C003017, 453000000										1,814,744.59	0.00	50,000.00	50,000.00	1,864,744.59
Subtotal for Fund: 00511										1,871,164.59	0.00	50,000.00	50,000.00	1,921,164.59
00532	2021	2923652	FS1001000	25400	0000000	0000000	0000000	0000000	3,442.00	0.00	0.00	0.00	3,442.00	
	2021	2923653	FS1002000	25400	0000000	0000000	0000000	0000000	13,299.00	0.00	0.00	0.00	13,299.00	
	2021	2923655	FS1005000	25400	0000000	0000000	0000000	0000000	11,104.00	0.00	0.00	0.00	11,104.00	
	2021	2923656	FS1006000	25400	0000000	0000000	0000000	0000000	3,180.00	0.00	0.00	0.00	3,180.00	
	2021	2923657	FS1007000	25400	0000000	0000000	0000000	0000000	1,141.00	0.00	0.00	0.00	1,141.00	
	2021	2923658	FS1009000	25400	0000000	0000000	0000000	0000000	1,631.00	0.00	0.00	0.00	1,631.00	

Subtotal for Program Parent: C000984, FS1000000								33,797.00	0.00	0.00	0.00	33,797.00
2021	2924500	KB0301062	25400	0302699	0000000	0000000		140,000.00	0.00	0.00	0.00	140,000.00
Subtotal for Program Parent: C001009, KB0000000								140,000.00	0.00	0.00	0.00	140,000.00
Subtotal for Fund: 00532								173,797.00	0.00	0.00	0.00	173,797.00
00534	2022	2924401	KX0314000	25400	0800033	0000000	0000000	5,116.86	0.00	0.00	0.00	5,116.86
Subtotal for Program Parent: C002854, KX0000000								5,116.86	0.00	0.00	0.00	5,116.86

Financial Plan Number: 118

U.S. DEPARTMENT OF ENERGY
 DOE AFP Local Financial Plan Report
 Period Name: OCT-23
 PO Number: OR23177
 Fund Parent: ALL FUNDS
 Fiscal Year: 2023
 Reporting Entity:
 Allottee:
 Run Prior AFP Report?: N
 Report Run Type: FINAL
 Prior Financial Plan Run Code: OR23177-117 (27-SEP-2022 13:42:45)
 Changes Only?: N
 To Date:
 Report Output Type: BEARS VERSION
 Report Output: TEXT

Report Date: 25-OCT-22 10:54
 Page: 4 of 6

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-23 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	00534	Subtotal for Fund: 00534												
	00538	2023	2924401	KX0314000	25400	0800033	0000000	0000000		0.00	0.00	4,500.00	4,500.00	4,500.00
Subtotal for Program Parent: C002854, KX0000000										0.00	0.00	4,500.00	4,500.00	4,500.00
Subtotal for Fund: 00538										0.00	0.00	4,500.00	4,500.00	4,500.00
00900	2022	2223275	MB0515010	25400	0000000	0000000	0000000	0000000		68,345.00	0.00	0.00	0.00	68,345.00
Subtotal for Program Parent: C003333, MB0515000										68,345.00	0.00	0.00	0.00	68,345.00
Subtotal for Fund: 00900										68,345.00	0.00	0.00	0.00	68,345.00
00922	2023	1721310	YN1901000	25400	0000000	0000000	0515518	SLAC 183676 SRF Cavities for LCLS-II HE		0.00	0.00	4,500,000.00	4,500,000.00	4,500,000.00
	2022	1721310	YN1901000	25400	0000000	0000000	0515999	ORNL AUTH 4400000724-00001 PPU		1,013,146.00	0.00	0.00	0.00	1,013,146.00
	2022	1721310	YN1901000	25400	0000000	0000000	0515911	PNNL 577342 JSA ASCR		28,320.00	0.00	0.00	0.00	28,320.00
	2022	1721310	YN1901000	25400	0000000	0000000	0515978	PNNL 586252 LYNME PE1 Support FY22		58,659.00	0.00	0.00	0.00	58,659.00
	2022	1721310	YN1901000	25400	0000000	0000000	0515518	SLAC 183676 SRF Cavities for LCLS-II HE		6,000,000.00	0.00	0.00	0.00	6,000,000.00
	2022	1721310	YN1901000	25400	0000000	0000000	0515683	ORNL 4400000615-00002 AUTH SNS PPU		66,996.51	0.00	0.00	0.00	66,996.51
	2022	1721310	YN1901000	25400	0000000	0000000	0582076	ORNL 4400000772 ECP		437,362.50	0.00	0.00	0.00	437,362.50

2022	1721310	YN1901000	25400	0000000	0000000	0582026	ASCR SLAC 215058 AUTH JSA COMMISSIONING FY22	94,338.00	0.00	0.00	0.00	94,338.00
2022	1721310	YN1901000	25400	0000000	0000000	0582042	ORNL 4400000757-00001 JSA CAVITY WORK	23,528.00	0.00	0.00	0.00	23,528.00
2022	1721310	YN1901000	25400	0000000	0000000	0515648	FERMI HL-LHC ACCELERATOR 654726	330,746.04	0.00	0.00	0.00	330,746.04
2021	1721310	YN1901000	25400	0000000	0000000	0515972	SLAC214661	18,887.00	0.00	0.00	0.00	18,887.00
2021	1721310	YN1901000	25400	0000000	0000000	0515518	SLAC 183676 SRF Cavities for LCLS-II HE	7,010.00	0.00	0.00	0.00	7,010.00
2021	1721310	YN1901000	25400	0000000	0000000	0515754	FERMI AUTH 663663 JLAB PIP-II LLRF	96,355.59	0.00	0.00	0.00	96,355.59
2021	1721310	YN1901000	25400	0000000	0000000	0515901	ORNL 4400000615-00004 JSA PPU	619,144.00	0.00	0.00	0.00	619,144.00
2021	1721310	YN1901000	25400	0000000	0000000	0515868	SLAC AUTH 208768 JLAB LCLSII JLAB Cryo	192,016.00	0.00	0.00	0.00	192,016.00
2021	1721310	YN1901000	25400	0000000	0000000	0515825	PNNL 540640 AUTH DR FAST SUPPORT	202.00	0.00	0.00	0.00	202.00
2021	1721310	YN1901000	25400	0000000	0000000	0515501	BROOKHAVEN 342230 EIC R&D Research	9,710.00	0.00	0.00	0.00	9,710.00
2021	1721310	YN1901000	25400	0000000	0000000	0515503	ORNL 4400000581 ECP ASCR	175,631.50	0.00	0.00	0.00	175,631.50
2021	1721310	YN1901000	25400	0000000	0000000	0515493	BROOKHAVEN 340638 eRD22 R&D	9,641.37	0.00	0.00	0.00	9,641.37
2020	1721310	YN1901000	25400	0000000	0000000	0515501	BROOKHAVEN 342230 EIC R&D Research	1,471.00	0.00	0.00	0.00	1,471.00
2020	1721310	YN1901000	25400	0000000	0000000	0515684	ORNL 4400000615-00003 AUTH SNS PPU	1,514,343.00	0.00	0.00	0.00	1,514,343.00
2020	1721310	YN1901000	25400	0000000	0000000	0515518	SLAC 183676 SRF Cavities for LCLS-II HE	54,779.04	0.00	0.00	0.00	54,779.04
2020	1721310	YN1901000	25400	0000000	0000000	0515821	FERMI 671276 CYRO PROJECT	304,121.00	0.00	0.00	0.00	304,121.00
2019	1721310	YN1901000	25400	0000000	0000000	0515683	ORNL 4400000615-00002 AUTH SNS PPU	44,724.00	0.00	0.00	0.00	44,724.00
2019	1721310	YN1901000	25400	0000000	0000000	0515500	FERMI 641343 CAVITIES IMPROVEMENTS	1,141.00	0.00	0.00	0.00	1,141.00
2013	1721310	YN1901000	25102	0471981	0000000	0504378	ORNL AUTH JLAB ENGINEERING CONSULTING	8,564.00	0.00	0.00	0.00	8,564.00

Financial Plan Number: 118

U.S. DEPARTMENT OF ENERGY
DOE AFP Local Financial Plan Report
Period Name: OCT-23
PO Number: OR23177
Fund Parent: ALL FUNDS
Fiscal Year: 2023

Report Date: 25-OCT-22 10:54
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Reporting Entity:
Allottee:
Run Prior AFP Report?: N
Report Run Type: FINAL
Prior Financial Plan Run Code: OR23177-117 (27-SEP-2022 13:42:45)
Changes Only?: N
To Date:
Report Output Type: BEARS VERSION
Report Output: TEXT

Rep Entity	Fund Code	Approp Year	Legacy Program B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-23 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	00922								11,110,836.55	0.00	4,500,000.00	4,500,000.00	15,610,836.55
Subtotal for Program Parent: C001129, YN1900000									11,110,836.55	0.00	4,500,000.00	4,500,000.00	15,610,836.55
Subtotal for Fund: 00922									11,110,836.55	0.00	4,500,000.00	4,500,000.00	15,610,836.55

05450	2022	1004222	BT0400000	25400	0000000	1024001	0000000	36,000.00	0.00	0.00	0.00	36,000.00
Subtotal for Program Parent: C000848, BT0000000								36,000.00	0.00	0.00	0.00	36,000.00
2022	1005746	GT0303000	25400	0000000	1024004	0000000	84,700.00	0.00	0.00	0.00	84,700.00	
Subtotal for Program Parent: C002910, GT0000000								84,700.00	0.00	0.00	0.00	84,700.00
2022	1005760	SL0502000	25400	0000000	1024003	0000000	16,960.00	0.00	0.00	0.00	16,960.00	
Subtotal for Program Parent: C002911, SL0000000								16,960.00	0.00	0.00	0.00	16,960.00
Subtotal for Fund: 05450								137,660.00	0.00	0.00	0.00	137,660.00
07060	2019	4500001	TT1020010	25400	0000000	0000000	0000000	11,743.00	0.00	0.00	0.00	11,743.00
Subtotal for Program Parent: C003093, TT0000000								11,743.00	0.00	0.00	0.00	11,743.00
Subtotal for Fund: 07060								11,743.00	0.00	0.00	0.00	11,743.00
07070	2020	4500001	TT1020010	25400	0000000	0000000	0000000	16,072.00	0.00	0.00	0.00	16,072.00
Subtotal for Program Parent: C003093, TT0000000								16,072.00	0.00	0.00	0.00	16,072.00
Subtotal for Fund: 07070								16,072.00	0.00	0.00	0.00	16,072.00
07105	2021	4500007	TT1020030	25400	0000000	0000000	0000000	32,301.00	0.00	0.00	0.00	32,301.00
Subtotal for Program Parent: C003093, TT0000000								32,301.00	0.00	0.00	0.00	32,301.00
Subtotal for Fund: 07105								32,301.00	0.00	0.00	0.00	32,301.00
07300	2022	4500019	TT2020031	25400	0000000	0000000	0000000	28,812.00	0.00	0.00	0.00	28,812.00
Subtotal for Program Parent: C003539, TT2000000								28,812.00	0.00	0.00	0.00	28,812.00
Subtotal for Fund: 07300								28,812.00	0.00	0.00	0.00	28,812.00
07700	2022	2925188	KB0203011	25400	0000000	0000000	0000000	1,000,000.00	0.00	0.00	0.00	1,000,000.00
	2022	2925197	KB0406013	31003	0000000	0000000	0000000	31,100,000.00	0.00	0.00	0.00	31,100,000.00
	2022	2925197	KB0406013	25400	0000000	0000000	0000000	120,000.00	0.00	0.00	0.00	120,000.00
Subtotal for Program Parent: C001009, KB0000000								32,220,000.00	0.00	0.00	0.00	32,220,000.00
2022	2924416	KG0701000	32002	0000000	0000000	0000000	2,250,000.00	0.00	0.00	0.00	2,250,000.00	
Subtotal for Program Parent: C002925, KG0700000								2,250,000.00	0.00	0.00	0.00	2,250,000.00
2022	2925036	39KB95030PRN20SC52000	32001	0000000	0000000	0000000	32,060,000.00	0.00	0.00	0.00	32,060,000.00	
Subtotal for Program Parent: C003254, 39KB00000								32,060,000.00	0.00	0.00	0.00	32,060,000.00
2022	2925039	39KG95080PRN20SC73000	32001	0000000	0000000	0000000	10,000,000.00	0.00	0.00	0.00	10,000,000.00	

Rep Entity	Fund Code	Approp Year	Program	Legacy B&R	Object Class	Local Use	Project	WFO	Legacy Order Number	OCTADJ1-23 Beginning Uncosted Obs	Previous	Change	Revised	Total Available
472101	07700									10,000,000.00	0.00	0.00	0.00	10,000,000.00
Subtotal for Program Parent: C003257, 39KG00000														
Subtotal for Fund: 07700										76,530,000.00	0.00	0.00	0.00	76,530,000.00
Subtotal for Reporting Entity: 472101										186,728,911.15	0.00	39,894,384.68	39,894,384.68	226,623,295.83
Grand Total:										186,728,911.15	0.00	39,894,384.68	39,894,384.68	226,623,295.83

Agency Sub-Report

Agency	Obligation Change Amount
Work for Others Funds Associated with Federal Agencies:	0.00
Total DOE Funds:	35,322,399.00
Total Non-Appropriated Funds:	4,571,985.68
Grand Total:	39,894,384.68

TAS Sub-Report

DOE Funding:
Reimbursable Funding:

089X0222

*** End of Report ***

October 3, 2022

October 1, 2022 – September 30, 2023

**CONTRACTOR PERFORMANCE EVALUATION
AND MEASUREMENT PLAN**

**Management and Operations of the
Thomas Jefferson National Accelerator Facility
(TJNAF)**

U.S. Department of Energy

and

Jefferson Science Associates, LLC

Contract No. DE-AC05-06OR23177

Document Revision History

Revision Number	Date	Summary of Changes
0	October 3, 2022	Original

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INTRODUCTION

This document, the Performance Evaluation and Measurement Plan (PEMP), primarily serves as DOE's Quality Assurance/Surveillance Plan (QASP) for the evaluation of Jefferson Science Associates, LLC (hereafter referred to as "JSA" or "the Contractor") performance regarding the management and operations of the Thomas Jefferson National Accelerator Facility (hereafter referred to as "TJNAF" or "the Laboratory") for the evaluation period from October 1, 2022 through September 30, 2023. The performance evaluation provides a standard by which to determine whether the Contractor is managerially and operationally in control of the Laboratory and is meeting the mission requirement and performance expectations/objectives of the Department as stipulated within this contract.

This document also describes the distribution of the total available performance-based fee and the methodology for determining the amount of fee earned by the Contractor as stipulated within the clauses entitled, "Determining Total Available Performance Fee and Fee Earned," "Conditional Payment of Fee, Profit, or Incentives," and "Total Available Fee: Base Fee Amount and Performance Fee Amount." In partnership with the Contractor and other key customers, the Department of Energy (DOE) Headquarters (HQ) and the Site Office have defined the measurement basis that serves as the Contractor's performance-based evaluation and fee determination.

The Performance Goals (hereafter referred to as Goals), Performance Objectives (hereafter referred to as Objectives) and set of notable outcomes discussed herein were developed in accordance with contract expectations set forth within the contract. The notable outcomes for meeting the Objectives set forth within this plan have been developed in coordination with HQ program offices as appropriate. Except as otherwise provided for within the contract, the evaluation and fee determination will rest solely on the Contractor's performance within the Performance Goals and Objectives set forth within this plan.

The overall performance against each Objective of this performance plan, to include the evaluation of notable outcomes, shall be evaluated jointly by the appropriate HQ office, major customer and/or the Site Office as appropriate. This cooperative review methodology will ensure that the overall evaluation of the Contractor results in a consolidated DOE position taking into account specific notable outcomes as well as all additional information available to the evaluating office. The Site Office shall work closely with each HQ program office or major customer throughout the year in evaluating the Contractor's performance and will provide observations regarding programs and projects as well as other management and operation activities conducted by the Contractor throughout the year.

Section I provides information on how the performance rating (grade) for the Contractor, as well as the performance-based incentives fee earned (if any), will be determined. As applicable, also provides information on the award term eligibility requirements.

Section II provides the detailed information concerning each Goal, its corresponding Objectives, and notable outcomes identified, along with the weightings assigned to each Goal and Objective and a table for calculating the final grade for each Goal.

I. DETERMINING THE CONTRACTOR'S PERFORMANCE RATING, PERFORMANCE-BASED FEE AND AWARD TERM ELIGIBILITY

The FY2023 Contractor performance grade for each Goal will be determined based on the weighted sum of the individual scores earned for each of the Objectives described within this document for Contractor/Laboratory Leadership and for Management and Operations (M&O). For each Science and

Technology (S&T) Goal, an initial weighted sum will be calculated analogously for each evaluating office, and a cost-based weighted sum of these initial sums will determine the Contractor performance grade. Each Goal is composed of two or more weighted Objectives. Additionally, a set of notable outcomes has been identified to highlight key aspects/areas of performance deserving special attention by the Contractor for the upcoming fiscal year. Each notable outcome is linked to one or more Objectives, and failure to meet expectations against any notable outcome will result in a grade less than B+ for that Objective(s). That is, if the contractor fails to meet expectations against a notable outcome tied to an Objective under Goal 1.0, 2.0, or 3.0, the SC program office that assigned the notable outcome shall award a grade less than “B+” for the Objective(s) to which the notable outcome is linked; and if the contractor fails to meet expectations against a notable outcome tied to an Objective under Goal 4.0, 5.0, 6.0, 7.0 or 8.0, SC shall award a grade less than “B+” for the Objective(s) to which the notable outcome is linked. Performance above expectations against a notable outcome will be considered in the context of the Contractor’s entire performance with respect to the relevant Objective. The following section describes SC’s methodology for determining the Contractor’s grades at the Objective level.

Performance Evaluation Methodology:

The purpose of this section is to establish a methodology to develop grades at the Objective level. Each evaluating office shall provide a proposed grade and corresponding numerical score for each Objective (see Figure 1 for SC’s scale). Each evaluation will measure the degree of effectiveness and performance of the Contractor in meeting the corresponding Objectives.

Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0

Figure 1. FY 2023 Contractor Letter Grade Scale

For the three S&T Goals (1.0 – 3.0) the Contractor shall be evaluated against the defined levels of performance provided for each Objective under the S&T Goals. The Contractor performance under Goal 4.0 will also be evaluated using the defined levels of performance described for the four Objectives under Goal 4.0. The descriptions for these defined levels of performance are included in Section II.

It is the DOE’s expectation that the Contractor provides for and maintains management and operational (M&O) systems that efficiently and effectively support the current mission(s) of the Laboratory and assure the Laboratory’s ability to deliver against DOE’s future needs. In evaluating the Contractor’s performance DOE shall assess the degree of effectiveness and performance in meeting each of the Objectives provided under each of the Goals. For the four M&O Goals (5.0 – 8.0) DOE will rely on a combination of the information through the Contractor’s own assurance systems, the ability of the Contractor to demonstrate the validity of this information, and DOE’s own independent assessment of the Contractor’s performance across the spectrum of its responsibilities. The latter might include, but is not limited to operational awareness (daily oversight) activities; formal assessments conducted; “For Cause” reviews (if any); and other outside agency reviews (OIG, GAO, DCAA, etc.).

The mission of the Laboratory is to deliver the science and technology needed to support Departmental missions and other sponsors’ needs. Operational performance at the Laboratory meets DOE’s expectations (defined as the grade of B+) for each Objective if the Contractor is performing at a level that fully supports the Laboratory’s current and future science and technology mission(s). Performance that does, or has the potential to, 1) adversely impact the delivery of the current and/or future DOE/Laboratory mission(s), 2) adversely impact the DOE and or the Laboratory’s reputation, or 3) fail to provide the competent people, necessary facilities and robust systems necessary to ensure sustainable performance, shall be graded below expectations as defined in Figure I-1 on the following page.

The Department sets our expectations high, and expects performance at that level to optimize the efficient and effective operation of the Laboratory. Thus, the Department does not expect routine Contractor performance above expectations against the M&O Goals (5.0 – 8.0). Performance that might merit grades above B+ would need to reflect a Contractor’s significant contributions to the management and operations at the system of Laboratories, or recognition by external, independent entities as exemplary performance.

Definitions for the grading scale for the Goal 5.0 – 8.0 Objectives are provided in Figure I-1, below:

Letter Grade	Numerical Grade	Definition
A+	4.3-4.1	Significantly exceeds expectations of performance against all aspects of the Objective in question. The Contractor’s systems function at a level that fully supports the Laboratory’s current and future science and technology mission(s). Performance is notable for its significant contributions to the management and operations across the SC system of laboratories, and/or has been recognized by external, independent entities as exemplary.
A	4.0-3.8	Notably exceeds expectations of performance against all aspects of the Objective in question. The Contractor’s systems function at a level that fully supports the Laboratory’s current and future science and technology mission(s). Performance is notable for its contributions to the management and operations across the SC system of laboratories, and/or as been recognized by external, independent entities as exemplary.
A-	3.7-3.5	Exceeds expectations of performance against all aspects of the Objective in question. The Contractor’s systems function at a level that fully supports the Laboratory’s current and future science and technology mission(s).
B+	3.4-3.1	Meets expectations of performance against all aspects of the Objective in question. The Contractor’s systems function at a level that fully supports the Laboratory’s current and future science and technology mission(s). No performance has, or has the potential to, adversely impact 1) the delivery of the current and/or future DOE/Laboratory mission(s), 2) the DOE and/or the Laboratory’s reputation, or does not 3) provide a sustainable performance platform.
B	3.0 -2.8	Just misses meeting expectations of performance against a few aspects of the Objective in question. In a few minor instances, the Contractor’s systems function at a level that does not fully support the Laboratory’s current and future science and technology mission, or provide a sustainable performance platform.
B-	2.7-2.5	Misses meeting expectations of performance against several aspects of the Objective in question. In several areas, the Contractor’s systems function at a level that does not fully support the Laboratory’s current and future science and technology mission, or provide a sustainable performance platform.
C+	2.4-2.1	Misses meeting expectations of performance against many aspects of the Objective in question. In several notable areas, the Contractor’s systems function at a level that does not fully support the Laboratory’s current and future science and technology mission or provide a sustainable performance platform, and/or have affected the reputation of the Laboratory or DOE.
C	2.0-1.8	Significantly misses meeting expectations of performance against many aspects of the Objective in question. In many notable areas, the Contractor’s systems do not support the Laboratory’s current and future science and technology mission, nor provide a sustainable performance platform and may affect the reputation of the Laboratory or DOE.
C-	1.7- 1.1	Significantly misses meeting expectations of performance against most aspects of the Objective in question. In many notable areas, the Contractor’s systems demonstrably hinder the Laboratory’s ability to deliver on current and future science and technology mission, and have harmed the reputation of the Laboratory or DOE.
D	1.0-0.8	Most or all expectations of performance against the Objective in question are missed. Performance failures in this area have affected all parts of the Laboratory; DOE leadership engagement is required to deal with the situation and help the Contractor.

Letter Grade	Numerical Grade	Definition
F	0.7-0	All expectations of performance against the Objective in question are missed. Performance failures in this area are not recoverable by the Contractor or DOE.

Figure I-1. Letter Grade and Numerical Grade Definitions for Objectives under M&O Goals

Calculating Individual Goal Scores and Letter Grades:

Each Objective is assigned the earned numerical score by each evaluating office as stated above. For an evaluating office, the Goal score is then computed by multiplying each Objective numerical score under that Goal by the weight assigned to that Objective by that office, and then adding these values together. For Goals 4.0 – 8.0, this determines the overall Goal score. For Goals 1.0-3.0, the overall Goal score is calculated by multiplying each evaluating office’s Goal score by the office’s cost-based weight, and then adding them. For the purpose of determining the eight Goal grades, the unrounded raw overall numerical score for each Goal will be rounded to the nearest tenth of a point using the standard rounding convention discussed below following Figure 2, and then will be compared to Figure 1. A set of tables is provided at the end of each Performance Goal section of this document to assist in the calculation from Objective numerical scores to the Goal grade. No overall rollup grade shall be provided.

The eight Performance Goal grades shall be used to create a report card for the laboratory (see Figure 2).

Performance Goal	Grade
1.0 Mission Accomplishment	
2.0 Design, Fabrication, Construction and Operations of Research Facilities	
3.0 Science and Technology Program Management	
4.0 Sound and Competent Leadership and Stewardship of the Laboratory	
5.0 Integrated Safety, Health, and Environmental Protection	
6.0 Business Systems	
7.0 Operating, Maintaining, and Renewing Facility and Infrastructure Portfolio	
8.0 Integrated Safeguards and Security Management and Emergency Management Systems	

Figure 2. Laboratory Report Card

Although rounded to convert to letter grades, the unrounded raw numerical score from each calculation shall be carried through to the next stage of the calculation process. The unrounded raw numerical score for weighted final S&T and weighted final M&O will be rounded to the nearest tenth of a point for purposes of determining fee. A standard rounding convention of x.44 and less rounds down to the nearest tenth (here, x.4), while x.45 and greater rounds up to the nearest tenth (here, x.5).

Determining the Amount of Performance-Based Fee Earned:

SC uses the following process to determine the amount of performance-based fee earned by the contractor. The overall Goal scores for each S&T Performance Goal shall be used to determine an initial numerical score for S&T (see Table A, below), and the overall Goal scores for each M&O Performance Goal shall be used to determine an initial numerical M&O score (see Table B, below).

S&T Performance Goal	Numerical Score	Weight ¹		
1.0 Mission Accomplishment		≥30%		
2.0 Design, Fabrication, Construction and Operation of Research Facilities		TBD		

¹ For Goals 1.0 and 2.0, the weights are based on total fiscal year costs for all evaluating programs distributed between Goals 1.0 and 2.0; however, a minimum weight of 30% for Goal 1.0 is required regardless of cost distribution. For Goal 3.0, the weight is set as a fixed percentage for all laboratories.

3.0 Science and Technology Program Management		25%		
			Initial S&T Score	

Table A. FY 2023 Contractor Evaluation Initial S&T Score Calculation

M&O Performance Goal	Numerical Score	Weight		
5.0 Integrated Safety, Health, and Environmental Protection		30%		
6.0 Business Systems		25%		
7.0 Operating, Maintaining, and Renewing Facility and Infrastructure Portfolio		25%		
8.0 Integrated Safeguards and Security Management and Emergency Management Systems		20%		
			Initial M&O Score	

Table B. FY2023 Contractor Evaluation Initial M&O Score Calculation

These initial scores will then be adjusted based on the numerical score for Goal 4.0 (see Table C, below).

	Numerical Score	Weight		
Initial S&T Score		0.75		
Goal 4.0		0.25		
			Final S&T Score	
Initial M&O Score		0.75		
Goal 4.0		0.25		
			Final M&O Score	

Table C. FY 2023 Final S&T and M&O Score Calculation

The percentage of the available performance-based fee that may be earned by the Contractor shall be determined based on the final score for S&T (see Table C) and then compared to Figure 3, below. The final score for M&O from Table C shall then be utilized to determine the final fee multiplier (see Figure 3), which shall be utilized to determine the overall amount of performance-based fee earned for FY 2023 as calculated within Table D, below.

Overall Final Score for either S&T or M&O from Table C.	Percent S&T Fee Earned	M&O Fee Multiplier
4.3	100%	100%
4.2		
4.1		
4.0	97%	100%
3.9		
3.8		
3.7	94%	100%
3.6		
3.5		
3.4	91%	100%
3.3		
3.2		
3.1		

Overall Final Score for either S&T or M&O from Table C.	Percent S&T Fee Earned	M&O Fee Multiplier
3.0	88%	95%
2.9		
2.8		
2.7	85%	90%
2.6		
2.5		
2.4		
2.3	75%	85%
2.2		
2.1		
2.0		
1.9	50%	75%
1.8		
1.7		
1.6	0%	60%
1.5		
1.4		
1.3		
1.2		
1.1		
1.0 to 0.8	0%	0%
0.7 to 0.0	0%	0%

Figure 3. Performance-Based Fee Earned Scale

Overall Fee Determination	
Percent S&T Fee Earned	
M&O Fee Multiplier	x
Overall Earned Performance-Based Fee	

Table D. Final Percentage of Performance-Based Fee Earned Determination

The Federal Acquisition Regulations (FAR) requirements for using and administering cost-plus-award-fee contracts were modified to provide for a five-level adjectival grading system with associated levels of available fee.² SC has addressed the FAR Part 16 language by mapping its standard numerical scores and associated fee determinations to the FAR Adjectival Rating System, as noted in Figure 4:

Range of Overall Final Score for S&T from Figure 3.	FAR Adjectival Rating	Maximum Performance-Fee Pool Available to be Earned
3.1 to 4.3	Excellent	100%
2.5 to 3.0	Very Good	88%
2.1 to 2.4	Good	75%
1.8 to 2.0	Satisfactory	50%

² See Policy Flash 2010-05, *Federal Acquisition Circular 2005-37*.

Range of Overall Final Score for S&T from Figure 3.	FAR Adjectival Rating	Maximum Performance-Fee Pool Available to be Earned
0.0 to 1.7	Unsatisfactory	0%

Figure 4. Crosswalk of SC Numerical Scores and the FAR Part 16 Adjectival Rating System

Adjustment to the Letter Grade and/or Performance-Based Fee Determination:

The lack of performance objectives and notable outcomes in this plan does not diminish the need to comply with minimum contractual requirements. Although the performance-based Goals and their corresponding Objectives shall be the primary means utilized in determining the Contractor’s performance grade and/or amount of performance-based fee earned, the Contracting Officer may unilaterally adjust the rating and/or reduce the otherwise earned fee based on the Contractor’s performance against all contract requirements as set forth in the Prime Contract. While reductions may be based on performance against any contract requirement, specific note should be made to contract clauses which address reduction of fee including, Standards of Contractor Performance Evaluation, DEAR 970.5215-1 – Total Available Fee: Base Fee Amount and Performance Fee Amount, and Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts. Data to support rating and/or fee adjustments may be derived from other sources to include, but not limited to, operational awareness (daily oversight) activities; “For Cause” reviews (if any); and other outside agency reviews (OIG, GAO, DCAA, etc.), as needed.

The adjustment of a grade and/or reduction of otherwise earned fee will be determined by the severity of the performance failure and consideration of mitigating factors. DEAR 970.5215-3 Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts is the mechanism used for reduction of fee as it relates to performance failures related to safeguarding of classified information and to adequate protection of environment, health and safety. Its guidance can also serve as an example for reduction of fee in other areas.

The final Contractor performance-based grades for each Goal and fee earned determination will be contained within a year-end report, documenting the results from the DOE review. The report will identify areas where performance improvement is necessary and, if required, provide the basis for any performance-based rating and/or fee adjustments made from the otherwise earned rating/fee based on Performance Goal achievements.

Determining Award Term Eligibility:

Pursuant to the clause entitled “Award Term Incentive”, the Contractor may also earn additional term by exceeding performance expectations. The Contractor is eligible for award term in accordance with the clause when performance for Science and Technology and Management and Operations components results in scores (see Table C) of 3.5 or higher for Science and Technology and 3.1 or higher for the Management and Operations component. Notwithstanding the overall scores earned, if the Contractor scores less than a 3.1 in any Science and Technology Goal or less than 2.5 in any Management and Operations Goal, the Contractor will not be eligible for award term.

II. PERFORMANCE GOALS, OBJECTIVES & NOTABLE OUTCOMES

Background

The current performance-based management approach to oversight within DOE has established a new culture within the Department with emphasis on the customer-supplier partnership between DOE and the laboratory contractors. It has also placed a greater focus on mission performance, best business practices, cost management, and improved contractor accountability. Under the performance-based management system the DOE provides clear direction to the laboratories and develops annual performance plans (such

as this one) to assess the contractors' performance in meeting that direction in accordance with contract requirements. The DOE policy for implementing performance-based management includes the following guiding principles:

- Performance objectives are established in partnership with affected organizations and are directly aligned to the DOE strategic goals;
- Resource decisions and budget requests are tied to results; and
- Results are used for management information, establishing accountability, and driving long-term improvements.

The performance-based approach focuses the evaluation of the Contractor's performance against these Performance Goals. Progress against these Goals is measured through the use of a set of Objectives. The success of each Objective will be measured based on demonstrated performance by the laboratory, and on a set of notable outcomes that focus laboratory leadership on the specific items that are the most important initiatives and highest risk issues the laboratory must address during the fiscal year. These notable outcomes should be objective, measurable, and results-oriented to allow for a definitive determination of whether or not the specific outcome was achieved at the end of the year.

Performance Goals, Objectives, and Notable Outcomes

The following sections describe the Performance Goals, their supporting Objectives, and associated notable outcomes for FY 2023.

GOAL 1.0: Provide for Efficient and Effective Mission Accomplishment

The science and technology programs at the Laboratory produce high-quality, original, and creative results that advance science and technology; demonstrate sustained scientific progress and impact; receive appropriate external recognition of accomplishments; and contribute to overall research and development goals of the Department and its customers.

The weight of this Goal is $\geq 30\%$.

The Provide for Efficient and Effective Mission Accomplishment Goal measures the overall effectiveness and performance of the Contractor in delivering science and technology results which contribute to and enhance the DOE's (or other relevant supporting agencies') mission of protecting our national and economic security by providing world-class scientific research capacity and advancing scientific knowledge by supporting world-class, peer-reviewed scientific results, which are recognized by others.

Each Objective within this Goal is to be assigned the appropriate numerical score by the Office of Science Program Offices, other cognizant HQ Program Offices, and other customers as identified below. The Goal score from each HQ Program Office and/or customer is computed by multiplying each Objective numerical score by the associated weight assigned by that Office/customer, and summing them (see Table 1.1).

- Office of Nuclear Physics (NP)
- Office of Biological and Environmental Research (BER)
- Office of Workforce and Development for Teachers and Scientists (WDTS)
- Office of Accelerator R&D and Production (ARDAP)
- Office of Technology Transitions (OTT)

The overall performance Goal score and grade will be determined by multiplying the Goal score assigned by each of the offices identified above by the cost-based weightings identified for each and then summing them (see Table 1.2, below). The cost-based weights to be utilized for determining the overall score will be determined following the end of the performance period and will be based on actual cost for FY2023. The overall score earned is then compared to Table 1.3 to determine the overall letter grade for this Goal. The Contractor's success in meeting each Objective shall be determined based on the Contractor's performance as viewed by the Office of Science Program Offices, other cognizant HQ Program Offices, and other customers for which the Laboratory conducts work. Should one or more of the HQ Program Offices choose not to provide an evaluation for this Goal and its corresponding Objectives, the weighting for the remaining HQ Program Offices shall be recalculated based on their percentage of cost for FY 2023 as compared to the total cost for those remaining HQ Program Offices.

Objective 1.1: Provide Science and Technology Results with Meaningful Impact on the Field

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- Performance of the Laboratory with respect to proposed research plans;
- Performance of the Laboratory with respect to community impact and peer review; and
- Performance of the Laboratory with respect to impact to DOE (or other customer) mission needs.

The following is a sampling of factors to be considered in determining the level of performance for the Laboratory against this Objective. The evaluator(s) may consider the following as measured through progress reports, peer reviews, Field Work Proposals (FWPs), Program Office reviews/oversight, etc.

- Impact of publications on the field, as measured primarily by peer review;
- Impact of S&T results on the field, as measured primarily by peer review;
- Impact of S&T results outside the field indicating broader interest;
- Impact of S&T results on DOE or other customer mission(s);
- Successful stewardship of mission-relevant research areas;
- Delivery on proposed S&T plans;
- Significant awards (Nobel Prizes, R&D 100, FLC, etc.);
- Invited talks, citations, making high-quality data available to the scientific community; and
- Development of tools and techniques that become standards or widely used in the scientific community.

Letter Grade	Definition
A+	<p>In addition to satisfying the conditions for B+</p> <ul style="list-style-type: none"> • There are <i>significant research areas for which the Laboratory has exceeded the expectations of the proposed research plans in significant ways through creative, new, or unconventional methods that allow greater scientific reach than expected.</i> • S&T conducted at the Laboratory <i>has resolved one of the most critical questions in the field, or has changed the way the research community thinks about a particular field through paradigm shifting discoveries that would be considered the most influential discovery of the decade for that field.</i> • S&T conducted at the Laboratory <i>provided major advances that significantly accelerate DOE or other customer mission(s).</i>
A	<p>In addition to satisfying the conditions for B+</p> <ul style="list-style-type: none"> • There are <i>important examples</i> where the Laboratory <i>exceeded the expectations of the proposed research plans in significant ways through creative, new, or unconventional methods that allow greater scientific reach than expected.</i> • <i>All areas</i> of S&T conducted at the Laboratory are of <i>exceptional or outstanding</i> merit and quality. • S&T conducted at the Laboratory <i>has significant positive impact</i> to DOE or other customer missions.
A-	<p>In addition to satisfying the conditions for B+</p> <ul style="list-style-type: none"> • There are <i>important examples</i> where the Laboratory <i>exceeded the expectations of the proposed research plans.</i> • <i>Significant areas</i> of S&T conducted at the Laboratory are of <i>exceptional or outstanding</i> merit and quality. • S&T conducted at the Laboratory <i>significantly impact</i> DOE or other customer missions.
B+	<p>The Laboratory has achieved each of the following objectives:</p> <ul style="list-style-type: none"> • The Laboratory has successfully executed proposed research plans. • S&T conducted at the Laboratory are of <i>high</i> scientific merit and quality. • S&T conducted at the Laboratory <i>advance</i> DOE or other customer missions.
B	<ul style="list-style-type: none"> • The Laboratory has successfully executed proposed research plans. • S&T conducted at the Laboratory <i>advance</i> DOE or other customer missions. <p>BUT the Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • S&T conducted at the Laboratory are <i>not uniformly of high</i> merit and quality OR <i>some areas of research, previously supported, have become uncompetitive</i> OR <i>the Laboratory does not produce sufficiently competitive proposals to receive program support at a level commensurate with its unique capabilities.</i>

Letter Grade	Definition
B-	<p>The Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • The Laboratory has <i>failed to successfully execute</i> proposed research plans <i>but contingencies were in place such that no funding was or will be terminated</i>. OR S&T conducted at the Laboratory <i>does little to advance</i> DOE or other customer missions. • <i>Significant areas of S&T</i> conducted at the Laboratory are <i>not of high merit and quality</i> OR <i>some areas of research, previously supported, have become uncompetitive</i> OR <i>the Laboratory do not produce sufficiently competitive proposals to receive program support at a level commensurate with its unique capabilities</i>.
C	<p>The Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • <i>In several significant aspects</i>, the Laboratory <i>failed to deliver on</i> proposed research plans <i>using available resources such that some funding was or will be terminated</i> OR S&T conducted at the Laboratory <i>failed to contribute to</i> DOE or other customer missions. • <i>Significant areas of S&T</i> conducted at the Laboratory are <i>of poor merit and quality</i> OR <i>some areas of research, previously supported, have become uncompetitive</i> AND <i>the Laboratory does not produce sufficiently competitive proposals to receive program support at a level commensurate with its unique capabilities</i>.
D	<p>The Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • <i>Multiple program elements at the Laboratory failed to deliver on</i> proposed research plans <i>using available resources such that significant funding was or will be terminated</i>. • <i>Multiple significant areas of S&T</i> conducted at the Laboratory are <i>of poor merit and quality</i> OR <i>some areas of research, previously supported, have become uncompetitive</i> AND <i>the Laboratory does not produce sufficiently competitive proposals to receive program support at a level commensurate with its unique capabilities</i>. • S&T conducted at the Laboratory <i>failed to contribute to</i> DOE or other customer missions.
F	<p>The Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • <i>Multiple program elements at the Laboratory failed to deliver on</i> proposed research plans <i>using available resources resulting in total termination of funding</i>. • <i>Multiple significant areas of S&T</i> conducted at the Laboratory are <i>of poor merit and quality</i> OR <i>some areas of research, previously supported, have become uncompetitive</i> AND <i>the Laboratory does not produce sufficiently competitive proposals to receive program support at a level commensurate with its unique capabilities</i> OR <i>the Laboratory has been found to have engaged in gross scientific incompetence and/or scientific fraud</i>. • S&T conducted at the Laboratory <i>failed to contribute to</i> DOE or other customer missions.

Objective 1.2: Provide Quality Leadership in Science and Technology that Advances Community Goals and DOE Mission Goals.

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- Innovativeness / Novelty of research ideas put forward by the Laboratory;
- Extent to which Laboratory staff members take on substantive or formal leadership roles in their community;
- Extent to which Laboratory staff members take on formal leadership roles in DOE, SC and/or other customer activities;
- Extent to which Laboratory staff members contribute thoughtful and thorough peer reviews and other research assessments as requested by DOE, SC or other supporting customers; and

- Extent to which Laboratory staff members champion Laboratory and Community goals to foster diversity, equity, inclusion, and accessibility in the work environment and in the S&T field.

The following is a sampling of factors to be considered in determining the level of performance for the Laboratory against this Objective. The evaluator(s) may consider the following as measured through progress reports, peer reviews, Field Work Proposals (FWPs), Program Office reviews/oversight, etc.:

- Willingness to pursue novel approaches and/or demonstration of innovative solutions to problems;
- Willingness to take on high-risk/high payoff/long-term research problems, evidence that previous risky decisions by the PI/research staff have proved to be correct and are paying off;
- The uniqueness and challenge of science pursued, recognition for doing the best work in the field;
- Extent and quality of collaborative efforts;
- Staff members visible in leadership positions in the scientific community;
- Involvement in professional organizations, National Academies panels and workshops;
- Effectiveness in driving the direction and setting the priorities of the community in a research field;
- Success in competition for resources; and
- Extent and quality of efforts to create new opportunities for the support and mentoring of project personnel (students, postdocs, and/or research staff) from demographic backgrounds historically underrepresented in the field.

Letter Grade	Definition
A+	<p>In addition to satisfying the conditions for B+, the following conditions hold for ALL Laboratory staff:</p> <ul style="list-style-type: none"> • Laboratory staff members have <i>leadership positions</i> in professional organizations AND <i>in National Academy or equivalent panels to discuss and determine further research directions</i>; • Laboratory staff members have <i>leadership positions</i> in DOE (or in other supporting agencies) sponsored workshops and strategic planning activities, for example, Laboratory staff members chair or co-chair DOE-sponsored or other supporting agency-sponsored workshops and strategic planning activities. • The Laboratory program consistently produces and submits competitive proposals that challenge convention and open <i>significant new fields</i> for research that are well aligned with DOE and/or other supporting agencies mission needs and <i>the Laboratory has a strong recognized role in setting priorities and driving the direction in key research areas and are internationally recognized leaders in the field.</i> • Laboratory staff hold <i>leadership positions</i> in multi-institutional research collaborations.
A	<p>In addition to satisfying the conditions for B+</p> <ul style="list-style-type: none"> • Laboratory staff members have <i>leadership positions</i> in professional organizations AND <i>staff has contributing role in National Academy or equivalent panels to discuss further research directions</i>; • Laboratory staff members have <i>leadership positions</i> in DOE and/or in other supporting agencies sponsored workshops and strategic planning activities. • The Laboratory program consistently produces and submits competitive proposals that challenge convention and open <i>significant new fields</i> for research that are well aligned with DOE or other supporting agency mission needs and <i>the Laboratory has a strong recognized role in setting priorities and driving the direction in key research areas.</i> • Laboratory staff hold <i>leadership positions</i> in multi-institutional research collaborations.

Letter Grade	Definition
A-	<p>In addition to satisfying the conditions for B+</p> <ul style="list-style-type: none"> • Laboratory staff members have <i>leadership positions</i> in professional organizations OR <i>staff has contributing role in National Academy or equivalent panels to discuss further research directions</i>; • Laboratory staff members have <i>leadership positions</i> in DOE and/or other supporting agency-sponsored workshops and strategic planning activities. • The Laboratory program consistently submits competitive proposals that challenge convention and open <i>significant new</i> avenues for research that are well aligned with DOE or other supporting agencies mission needs. • Laboratory staff hold <i>leadership positions</i> in multi-institutional research collaborations.
B+	<p>The Laboratory has achieved each of the following objectives:</p> <ul style="list-style-type: none"> • Laboratory staff members are <i>active participants</i> in professional organizations, committees, and activities, and take on leadership responsibilities commensurate with experience and expertise. • Laboratory staff members are <i>active participants</i> in DOE and/or other supporting agencies-sponsored workshops and strategic planning activities. • Laboratory staff members contribute thoughtful and thorough peer review in a timely manner, when requested by DOE or other supporting agencies. • The Laboratory program consistently provides competitive proposals that challenge convention and open new avenues for research that are well aligned with DOE or other supporting agencies mission needs. • Laboratory staff are <i>active participants</i> in multi-institutional research collaborations
B	<ul style="list-style-type: none"> • Laboratory staff members contribute thoughtful and thorough peer review in a timely manner, when requested by DOE and/or other supporting agencies. • The Laboratory program consistently provides competitive proposals that challenge convention and open new avenues for research that are well aligned with DOE and/or other supporting agencies mission needs. <p>BUT the Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • Although <i>regular participants</i> in professional organizations, committees, and activities, <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i> • Although <i>regular participants</i> in DOE and/or other supported agencies sponsored workshops and strategic planning activities, <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i> • Although <i>active members of multi-institutional research collaborations</i>, <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i>
B-	<ul style="list-style-type: none"> • Laboratory staff members contribute thoughtful and thorough peer review in a timely manner, when requested by DOE or other supporting agencies. <p>BUT the Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons:</p> <ul style="list-style-type: none"> • The Laboratory program submits competitive proposals <i>but these either lack innovation or are not well aligned with DOE or other supporting agencies mission needs.</i> • Laboratory staff are <i>infrequent participants</i> in professional organizations, committees, and activities, and <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i> • Laboratory staff are <i>infrequent participants</i> in DOE or other supported agencies sponsored workshops and strategic planning activities, and <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i> • Although <i>active members of multi-institutional research collaborations</i>, <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i>

Letter Grade	Definition
C	The Laboratory fails to meet the conditions for B+ for <i>at least one</i> of the following reasons: <ul style="list-style-type: none"> Laboratory staff members <i>do not reliably</i> contribute thoughtful and thorough peer review in a timely manner, when requested by DOE or other supporting agencies. <i>Some areas of research, previously supported, are no longer competitive.</i> Laboratory staff members are <i>infrequent participants</i> in professional organizations, committees, and activities, <i>AND the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i> Laboratory staff members are <i>infrequent participants</i> in DOE or other supported agencies sponsored workshops and strategic planning activities, and <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i> Although Laboratory staff members are <i>active members of</i> multi-institutional research collaborations, <i>the extent to which staff take on leadership roles falls short of what would be expected, given the level of experience and expertise of the staff.</i>
D	The Laboratory fails to meet the conditions for B+ because <i>the Laboratory staff are working on problems that are no longer at the forefront of science and are considered mundane.</i>
F	Review has found the Laboratory staff to be <i>guilty of gross scientific incompetence and/or scientific fraud.</i>

Notable Outcome: Develop a strategy for the upgrade of the lattice quantum chromodynamics (QCD) cluster at TJNAF in time for it to be considered during the USQCD review. (Objective 1.2)

Program Office ³	Letter Grade	Numerical Score	Weight	Overall Score
Office of Nuclear Physics				
1.1 Impact			50%	
1.2 Leadership			50%	
Overall NP Total				
Office of Biological and Environmental Research				
1.1 Impact			60%	
1.2 Leadership			40%	
Overall BER Total				
Office of Workforce Development for Teachers and Scientists				
1.1 Impact			80%	
1.2 Leadership			20%	
Overall WDTS Total				
Office of Accelerator R&D and Production				
1.1 Impact			50%	
1.2 Leadership			50%	
Overall ARDAP Total				
Office of Technology Transitions				
1.1 Impact			50%	
1.2 Leadership			50%	
Overall OTT Total				

Table 1.1 – Program Performance Goal 1.0 Score Development

³A complete listing of the Objectives weightings under the S&T Goals for the SC Programs and other customers is provided within Attachment I to this plan.

Program Office	Letter Grade	Numerical Score	Funding Weight (cost)	Overall Weighted Score
Office of Nuclear Physics			TBD	
Office of Biological and Environmental Research			TBD	
Office of Workforce Development for Teachers and Scientists			TBD	
Office of Accelerator R&D and Production			TBD	
Office of Technology Transitions			TBD	
Performance Goal 1.0 Total				

Table 1.2 – Overall Performance Goal 1.0 Score Development⁴

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 1.3 – Goal 1.0 Final Letter Grade

⁴The final weights to be utilized for determining weighted scores will be determined following the end of the performance period and will be based on actual cost for FY2023.

GOAL 2.0: Provide for Efficient and Effective Design, Fabrication, Construction and Operations of Research Facilities

The Laboratory provides effective and efficient strategic planning; fabrication, construction and/or operations of Laboratory research facilities; and are responsive to the user community.

The weight of this Goal is TBD%.

The Provide for Efficient and Effective Design, Fabrication, Construction and Operations of Research Facilities Goal shall measure the overall effectiveness and performance of the Contractor in planning for and delivering leading-edge specialty research and/or user facilities to ensure that the required capabilities are present to meet today's and tomorrow's complex challenges. It also measures the Contractor's innovative operational and programmatic means for implementation of systems that ensures the availability, reliability, and efficiency of these facilities; and the appropriate balance between R&D and user support.

Each Objective within this Goal is to be assigned the appropriate numerical score by the Office of Science Program Office as identified below. The Goal score from each Program Office is computed by multiplying each Objective numerical score by the associated weight assigned by that Office, and summing them (see Table 2.1).

- Office of Nuclear Physics (NP)
- Office of Basic Energy Sciences (BES)

The overall performance Goal score and grade will be determined by multiplying the Goal score assigned by each of the offices identified above by the cost-based weightings identified for each and then summing them (see Table 2.2 below). The cost-based weights to be utilized for determining the overall score will be determined following the end of the performance period and will be based on actual cost for FY2023. The overall score earned is then compared to Table 2.3 to determine the overall letter grade for this Goal. The Contractor's success in meeting each Objective shall be determined based on the Contractor's performance as viewed by DOE HQ Office of Science's (SC) Program Offices for which the Laboratory conducts work. Should one or more of the HQ Program Offices choose not to provide an evaluation for this Goal and its corresponding Objectives the weighting for the remaining HQ Program Offices shall be recalculated based on their percentage of cost for FY 2023 as compared to the total cost for those remaining HQ Program Offices.

Objective 2.1: Provide Effective Facility Design(s) as Required to Support Laboratory Programs (i.e., activities leading up to CD-2)

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The Laboratory's delivery of accurate and timely information required to carry out the critical decision and budget formulation process;
- The Laboratory's ability to meet the intent of DOE Order 413.3, Program and Project Management for the Acquisition of Capital Assets;
- The extent to which the Laboratory appropriately assesses risks and contingency needs; and
- The extent to which the Laboratory is effective in its unique management role and partnership with HQ.

The following is a sampling of factors to be considered in determining the level of performance for the Laboratory against this Objective. The evaluator(s) may consider the following as measured through progress reports, peer reviews, Field Work Proposals (FWPs), Program Office reviews/oversight, etc.

- The quality of the scientific justification for proposed facilities resulting from preconceptual R&D;
- The technical quality of conceptual and preliminary designs and the credibility of the associated cost estimates;
- The credibility of plans for the full life cycle of proposed facilities including financing options;
- The leveraging of existing facilities and capabilities of the DOE Laboratory complex in plans for proposed facilities; and
- The novelty and potential impact of new technologies embodied in proposed facilities.

Letter Grade	Definition
A+	<p>In addition to satisfying all conditions for B+; the Laboratory exceeds expectations in all of these categories:</p> <p>The Laboratory is recognized by the research community as the leader for making the science case for the acquisition;</p> <p>The Laboratory takes the initiative to demonstrate and thoroughly document the potential for transformational scientific advancement.</p> <p>Approaches proposed by the Laboratory are widely regarded as innovative, novel, comprehensive, and potentially cost-effective.</p> <p>Reviews repeatedly confirm strong potential for scientific discovery in areas that support the Department’s mission, and potential to change a discipline or research area’s direction.</p> <ul style="list-style-type: none"> • The Laboratory identifies, analyzes and champions novel approaches for acquiring the new capability, including leveraging or extending the capability of existing facilities and financing and these efforts result in significant cost estimate and/or risk reductions without loss or, or while enhancing capability.
A	<p>In addition to satisfying all conditions for B+, <i>all</i> of the following conditions are also met:</p> <ul style="list-style-type: none"> • The Laboratory is recognized by the research community as a leader for making the science case for the acquisition; • The Laboratory takes the initiative to demonstrate the potential for revolutionary scientific advancement working in partnership with HQ • The Laboratory identifies, analyzes, and champions, to HQ and Site office, novel approaches for acquiring the new capability, including leveraging or extending the capability of existing facilities and financing.
A-	<p>In addition to satisfying all conditions for B+, <i>all</i> of the following conditions are also met:</p> <ul style="list-style-type: none"> • The approaches proposed by the Laboratory are widely regarded as innovative, novel, comprehensive, and potentially cost-effective • Reviews repeatedly confirm potential for scientific discovery in areas that support the Department’s mission, and potential to change a discipline or research area’s direction.
B+	<p>The Laboratory has achieved each of the following objectives:</p> <ul style="list-style-type: none"> • The Laboratory displays leadership and commitment in the development of quality analyses, preliminary designs, and related documentation to support the approval of the mission need (CD-0), the alternative selection and cost range (CD-1) and the performance baseline (CD-2). • Documentation requested by the programs is provided in a timely and thorough manner. • The Laboratory keeps DOE apprised of the status, near-term plans and the resolution of problems on a regular basis; anticipates emerging issues that could impact plans and takes the initiative to inform DOE of possible consequences. • The Laboratory solves problems and addresses issues to avoid adverse impacts to the project.
B	The Laboratory fails to meet expectations in one of the areas listed under B+.
B-	The Laboratory fails to meet expectations in several of the areas listed under B+

Letter Grade	Definition
C	The Laboratory fails to meet the expectations in several of the areas listed under B+ AND the required analyses and documentation developed by the Laboratory are EITHER not innovative, OR reflect a lack of commitment and leadership.
D	The Laboratory fails to meet the expectations in several of the areas listed under B+ AND the Laboratory fails to provide a compelling justification for the acquisition.
F	The Laboratory fails to meet the expectations in several of the areas listed under B+ AND the approaches proposed by the Laboratory are based on fraudulent assumptions; the science case is weak to non-existent, and the business case is seriously flawed.

Objective 2.2: Provide for the Effective and Efficient Construction of Facilities and/or Fabrication of Components (execution phase, post CD-2 to CD-4)

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The Laboratory’s adherence to DOE Order 413.3 Project Management for the Acquisition of Capital Assets;
- Successful fabrication of facility components by the Laboratory;
- The Laboratory’s effectiveness in meeting construction schedule and budget;
- The quality of key Laboratory staff overseeing the project(s); and
- The extent to which the Laboratory maintains open, effective, and timely communication with HQ regarding issues and risks.

Letter Grade	Definition
A+	In addition to satisfying all conditions for A, <ul style="list-style-type: none"> • There is high confidence throughout the execution phase that the project will be completed <i>significantly</i> under budget and/or ahead of schedule while meeting or exceeding all performance baselines;
A	In addition to satisfying all conditions for B+, <ul style="list-style-type: none"> • The Laboratory has identified and implemented practices that would allow the project scope to be <i>significantly expanded</i> if such were desirable, without impact on baseline cost or schedule; • The Laboratory <i>always</i> provides <i>exemplary</i> project status reports on time to DOE and takes the initiative to communicate emerging problems or issues. • Reviews identify environment, safety and health practices to be <i>exemplary</i>. • There is high confidence throughout the execution phase that the project will meet its cost/schedule performance baseline;
A-	In addition to satisfying all conditions for B+, <ul style="list-style-type: none"> • The Laboratory has identified practices that would allow for the project scope to be expanded if such were desirable, without impact on baseline cost or schedule; • Problems are identified and corrected by the Laboratory promptly, with no impact on scope, cost or schedule • The Laboratory provides <i>particularly useful</i> project status reports on time to DOE and regularly takes the initiative to communicate emerging problems or issues. • Reviews identify environment, safety and health practices to <i>exceed expectations</i>. • There is high confidence throughout the execution phase that the project will meet its cost/schedule performance baseline;

Letter Grade	Definition
B+	<p>The Laboratory has achieved each of the following objectives</p> <ul style="list-style-type: none"> • The project meets CD-2 performance measures; • The Laboratory provides sustained leadership and commitment to environment, safety and health; • Reviews regularly recognize the Laboratory for being proactive in the management of the execution phase of the project; • To a large extent, problems are identified and corrected by the Laboratory with little, or no impact on scope, cost or schedule; • DOE is kept informed of project status on a regular basis; reviews regularly indicate project is expected to meet its cost/schedule performance baseline.
B	<p>The Laboratory provides sustained leadership and commitment to environment, safety and health BUT</p> <ul style="list-style-type: none"> • The project fails to meet expectations in <i>one</i> of the remaining areas listed under B+.
B-	<p>The Laboratory provides sustained leadership and commitment to environment, safety and health BUT</p> <ul style="list-style-type: none"> • The project fails to meet expectations in <i>several</i> of the areas listed under B+
C	<p>The Laboratory provides sustained leadership and commitment to environment, safety and health BUT</p> <p>The project fails to meet expectations in <i>several</i> of the areas listed under B+</p> <p>AND</p> <ul style="list-style-type: none"> • Reviews indicate project remains at risk of breaching its cost/schedule performance baseline; • Reports to DOE can vary in degree of completeness
D	<p>The project fails to meet conditions for B+ in at least one of the following areas:</p> <ul style="list-style-type: none"> • Reviews indicate project is likely to breach its cost/schedule performance baseline; • Laboratory commitment to environment, safety and health issues is inadequate; • Reports to DOE are largely incomplete; Laboratory commitment to the project has subsided.
F	<p>The project fails to meet conditions for B+ in at least one of the following areas:</p> <ul style="list-style-type: none"> • Laboratory falsifies data during project execution phase; • Shows disdain for executing the project within minimal standards for environment, safety or health, • Fails to keep DOE informed of project status; • Recent reviews indicate that the project is expected to breach its cost/schedule performance baseline.

Objective 2.3: Provide Efficient and Effective Operation of Facilities

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The availability, reliability, performance, and efficiency of Laboratory facility(ies);
- The degree to which the facility is optimally arranged to support the user community;
- The extent to which Laboratory R&D is conducted to develop/expand the capabilities of the facility(ies);
- The Laboratory's effectiveness in balancing resources between facility R&D and user support; and
- The quality of the process used to allocate facility time to users; and
- The extent to which the facility's process for allocating facility time provides access to new users, including users from backgrounds and institutions historically underrepresented in the user community.

Letter Grade	Definition
A+	<p>In addition to satisfying all conditions for B+; <i>all</i> of the following conditions are also met</p> <ul style="list-style-type: none"> • Performance of the facility <i>exceeds</i> expectations as defined before the start of the year in all of these categories: cost of operations, users served, availability, and capability; • The schedule and the costs associated with the ramp-up to steady state operations are <i>significantly less</i> than planned and are acknowledged to be ‘leadership caliber’ by reviews; • Data on environment, safety, and health continues to be exemplary and widely regarded as among the ‘best in class’ • The Laboratory took extraordinary means to deliver an extraordinary result for the users and the program in the performance/ review period.
A	<p>In addition to satisfying all conditions for B+; <i>all</i> of the following conditions are also met</p> <ul style="list-style-type: none"> • Performance of the facility <i>exceeds</i> expectations as defined before the start of the year in most of these categories: cost of operations, users served, availability, and capability; • The schedule and the costs associated with the ramp-up to steady state operations are <i>less</i> than planned and are acknowledged to be ‘leadership caliber’ by reviews; • Data on environment, safety, and health continues to be <i>exemplary</i> and widely regarded as among the ‘best in class.’
A-	<p>In addition to satisfying all conditions for B+, <i>one</i> of the following conditions is met:</p> <ul style="list-style-type: none"> • Performance of the facility <i>exceeds</i> expectations as defined before the start of the year in any of these categories: cost of operations, users served, availability, and capability; • The schedule and the costs associated with the ramp-up to steady state operations are <i>less</i> than planned and are acknowledged to be among the best by reviews;
B+	<p>The Laboratory has achieved each of the following objectives:</p> <ul style="list-style-type: none"> • Performance of the facility <i>meets</i> expectations as defined before the start of the year in all of these categories: cost of operations, users served, availability, capability (for example, beam delivery, luminosity, peak performance, etc.), • The schedule and the costs associated with the ramp-up to steady state operations occur as planned; • Data on environment, safety, and health continues to be very good as compared with other projects in the DOE. • User surveys meet program expectations and reflect that the Laboratory is responsive to user needs.
B	The project fails to meet expectations in <i>one</i> of the areas listed under B+.
B-	The project fails to meet expectations in <i>more than one</i> of the areas listed under B+.
C	<p>Performance of the facility fails to meet expectations in <i>many</i> of the areas listed under B+; for example,</p> <ul style="list-style-type: none"> • The cost of operations is unexpectedly high and availability of the facility is unexpectedly low, the number of users is unexpectedly low, capability is well below expectations. • The facility operates at steady state, on cost and on schedule, but the reliability of performance is somewhat below planned values, or the facility operates at steady state, but the associated schedule and costs exceed planned values. • Commitment to environment, safety, and health is satisfactory.
D	<p>Performance of the facility fails to meet expectations in <i>many</i> of the areas listed under B+; for example,</p> <ul style="list-style-type: none"> • The cost of operations is unexpectedly high and availability of the facility is unexpectedly low; capability is well below expectations. • The facility operates somewhat below steady state, on cost and on schedule, and the reliability of performance is somewhat below planned values, or the facility operates at steady state, but the associated schedule and costs exceed planned values. • Commitment to environment, safety, and health is inadequate.
F	<ul style="list-style-type: none"> • The facility fails to operate; the facility operates well below steady state and/or the reliability of the performance is well below planned values. • Laboratory commitment to environment, safety, and health issues is inadequate.

Objective 2.4: Utilization of Facility(ies) to Provide Impactful S&T Results and Benefits to External User Communities

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The extent to which the facility is being used to perform influential science;
- The Laboratory's efforts to take full advantage of the facility to generate impactful S&T results;
- The extent to which the facility is strengthened by a resident Laboratory research community that pushes the envelope of what the facility can do and/or are among the scientific leaders of the community;
- The Laboratory's ability to appropriately balance access by internal and external user communities; and
- The extent to which there is a healthy program of outreach and technical assistance (e.g., proposal writing workshops) to the scientific community.

Letter Grade	Definition
A+	In addition to meeting all measures under <i>A</i> , <ul style="list-style-type: none"> • The Laboratory took extraordinary means to deliver an extraordinary result for a new user community.
A	In addition to satisfying all conditions for B+; <i>all</i> of the following conditions are met <ul style="list-style-type: none"> • An <i>aggressive</i> outreach programs is in place and has been documented as attracting new communities to the facility; • Reviews consistently find that the facility capability or scope of research potential <i>significantly</i> exceeds expectations for example, due to newly discovered capabilities or exposure to new research communities; OR Reviews find that multiple disciplines are using the facility in new and novel ways that the facility is being used to pursue influential science.
A-	In addition to satisfying all conditions for B+, all of the following conditions are met <ul style="list-style-type: none"> • A <i>strong</i> outreach program is in place; • Reviews find that the facility capability or scope of research potential exceeds expectations for example, due to newly discovered capabilities or exposure to new research communities; OR Reviews document how multiple disciplines are using the facility in new and novel ways and/or that the facility is being used to pursue important science.
B+	The Laboratory has achieved each of the following objectives: <ul style="list-style-type: none"> • Reviews find / validate that the facility is being used for influential science; • The scope of facility capabilities is challenged and broadened by resident users; • The Laboratory effectively manages user allocations; • The Laboratory effectively maintains the facility to required performance standards (for example, runtime, luminosity, etc.) • A healthy outreach program is in place.
B	The Laboratory fails to meet expectations in <i>one</i> of the areas listed under B+
B-	The Laboratory fails to meet expectations in <i>several</i> of the areas listed under B+
C	The Laboratory fails to meet expectations in <i>many</i> of the areas listed under B+
D	Reviews find that there are few facility users, few of whom are using the facility in novel ways to produce impactful science; research base is very thin.
F	Laboratory staff does not possess capabilities to operate and/or use the facility adequately.

Notable Outcome: Effectively manage and safely execute the assigned LCLS-II-HE project scope in accordance with DOE Order 413.3B. Performance will be assessed based on the assigned project management responsibilities and cryomodule work planned and accomplished during FY 2023. (Objective 2.1)

Notable Outcome: Effectively manage and execute the assigned PPU project scope in accordance with DOE Order 413.3B to safely accomplish the planned work per the approved Performance Baseline. Performance will be assessed based on the work planned and accomplished during FY 2023. (Objective 2.2)

Notable Outcome: Effectively manage the Electron-Ion Collider project in accordance with DOE Order 413.3B to safely deliver the project scope, including planned research and development and preliminary engineering design activities. Performance will be assessed based on the work planned and accomplished during FY 2023. (Objective 2.1)

Program Office ⁵	Letter Grade	Numerical Score	Weight	Overall Score
Office of Nuclear Physics				
2.1 Provide Effective Facility Design(s)			10%	
2.2 Provide for the Effective and Efficient Construction of Facilities and/or Fabrication of Components			0%	
2.3 Provide Efficient and Effective Operation of Facilities			75%	
2.4 Utilization of Facility(ies) to Provide Impactful S&T Results and Benefits to External User Communities			15%	
Overall NP Total				
Office of Basic Energy Sciences				
2.1 Provide Effective Facility Design(s)			50%	
2.2 Provide for the Effective and Efficient Construction of Facilities and/or Fabrication of Components			50%	
2.3 Provide Efficient and Effective Operation of Facilities			0%	
2.4 Utilization of Facility(ies) to Provide Impactful S&T Results and Benefits to External User Communities			0%	
Overall BES Total				

Table 2.1 – Program Performance Goal 2.0 Score Development

Program Office	Letter Grade	Numerical Score	Funding Weight (cost)	Overall Weighted Score
Office of Nuclear Physics			TBD	
Office of Basic Energy Sciences			TBD	
Performance Goal 2.0 Total				

Table 2.2 – Overall Performance Goal 2.0 Score Development⁶

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 2.3 –Goal 2.0 Final Letter Grade

⁵A complete listing of the Objectives weightings under the S&T Goals for the SC Programs and other customers is provided within Attachment I to this plan.

⁶The final weights to be utilized for determining weighted scores will be determined following the end of the performance period and will be based on actual cost for FY 2023.

GOAL 3.0: Provide Effective and Efficient Science and Technology Program Management

The Laboratory provides effective program vision and leadership; strategic planning and development of initiatives; recruits and retains a quality scientific workforce; and provides outstanding research processes, which improve research productivity.

The weight of this Goal is 25%.

The Provide Effective and Efficient Science and Technology Program Management Goal shall measure the Contractor's overall management in executing S&T programs. Dimensions of program management covered include: 1) providing key competencies to support research programs to include key staffing requirements; 2) providing quality research plans that take into account technical risks, identify actions to mitigate risks; and 3) maintaining effective communications with customers to include providing quality responses to customer needs.

Each Objective within this Goal is to be assigned the appropriate numerical score by the Office of Science Program Offices, other cognizant HQ Program Offices, and other customers as identified below. The Goal score from each HQ Program Office and/or customer is computed by multiplying each Objective numerical score by the associated weight assigned by that Office/customer, and summing them (see Table 3.1).

- Office of Nuclear Physics (NP)
- Office of Biological and Environmental Research (BER)
- Office of Workforce Development for Teachers and Scientists (WDTS)
- Office of Accelerator R&D and Production (ARDAP)
- Office of Technology Transitions (OTT)

The overall performance Goal score and grade will be determined by multiplying the Goal score assigned by each of the offices identified above by the cost-based weightings identified for each and then summing them (see Table 3.2 below). The cost-based weights to be utilized for determining the overall score will be determined following the end of the performance period and will be based on actual cost for FY2023. The overall score earned is then compared to Table 3.3 to determine the overall letter grade for this Goal. The Contractor's success in meeting each Objective shall be determined based on the Contractor's performance as viewed by the Office of Science Program Offices, other cognizant HQ Program Offices, and other customers for which the Laboratory conducts work. Should one or more of the HQ Program Offices choose not to provide an evaluation for this Goal and its corresponding Objectives, the weighting for the remaining HQ Program Offices shall be recalculated based on their percentage of cost for FY2023 as compared to the total cost for those remaining HQ Program Offices.

Objective 3.1: Provide Effective and Efficient Strategic Planning and Stewardship of Scientific Capabilities and Program Vision

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The quality of the Laboratory's strategic plan;
- The extent to which the Laboratory shows strategic vision for research;
- The extent to which programs of research take advantage of Laboratory capabilities—research programs are more than the sum of their individual project parts;
- The extent to which the Laboratory undertakes research for which it is uniquely qualified;

- The extent to which lab plans are aligned with DOE or other supporting agency mission goals;
- The extent to which the Laboratory programs are balanced between high-/low- risk research for a sustainable program; and
- The extent to which the Laboratory is able to retain and recruit high quality staff for a sustainable program, including staff from backgrounds historically underrepresented in the field.

The following is a sampling of factors to be considered in determining the level of performance for the Laboratory against this Objective. The evaluator(s) may consider the following as measured through progress reports, peer reviews, Field Work Proposals (FWPs), Program Office reviews/oversight, etc.

- Articulation of scientific vision;
- Development and maintenance of core competencies;
- Ability to attract and retain highly qualified staff;
- Efficiency and effectiveness of joint planning (e.g., workshops) with outside community;
- Creativity and robustness of ideas for new facilities and research programs;
- Willingness to take on high-risk/high payoff/long-term research problems, evidence that the Laboratory “guessed right” in that previous risky decisions proved to be correct and are paying off; and
- The depth and breadth of Laboratory research portfolio and its potential for growth.

Letter Grade	Definition
A+	In addition to satisfying the conditions for B+, the execution of the Laboratory’s strategic plan has enabled the Laboratory to achieve each of the following: <ul style="list-style-type: none"> • <i>Most</i> of the Laboratory’s core competencies are recognized as world leading; • The Laboratory has attracted and retained world-leading scientists in <i>most</i> programs; • There is evidence that previous decisions to pursue high-risk/high-payoff research proved to be correct and are paying off; • The Laboratory has succeeded in developing new core competencies of <i>outstanding</i> quality in areas both exploratory, high-risk research and research that is vital to the DOE/SC or other supporting department or agency missions;
A	In addition to satisfying the conditions for B+, the execution of the Laboratory’s strategic plan has enabled the Laboratory to achieve the following: <ul style="list-style-type: none"> • <i>Several</i> of the Laboratory’s core competencies are recognized as world leading; • The Laboratory has attracted and retained world-leading scientists in <i>several</i> programs; • There is evidence that previous decisions to pursue high-risk/high-payoff research proved to be correct and are paying off • The Laboratory has succeeded in developing <i>new</i> core competencies of <i>high</i> quality in areas both exploratory, high-risk research and research that is vital to the DOE/SC/other supporting departments or agency missions.
A-	In addition to satisfying the conditions for B+, the execution of the Laboratory’s strategic plan has enabled the Laboratory to achieve at least one of the following: <ul style="list-style-type: none"> • At least one of the Laboratory’s core competencies is recognized as <i>world-leading</i>; • The Laboratory has attracted and retained <i>world-leading</i> scientists in one or more programs; • The Laboratory has a coherent plan for addressing future workforce challenges.

Letter Grade	Definition
B+	<p>The execution of the Laboratory’s strategic plan has enabled the Laboratory to achieve each of the following objectives:</p> <ul style="list-style-type: none"> • The Laboratory has articulated a coherent and compelling strategic plan that has been developed with input from external research communities and headquarters guidance, which, where appropriate, includes a coherent plan for building smaller research programs into new core competencies; and reallocates resources away from less effective programs. • The Laboratory has demonstrated the ability to attract and retain professional scientific staff in support of its strategic vision. • The portfolio of Laboratory research balances the needs for both high-risk/ high-payoff research and stewardship of mission-critical research. • The Laboratory’s research portfolio takes advantage of unique capabilities at the Laboratory. • The Laboratory’s research portfolio includes activities for which the Laboratory is uniquely capable.
B	<p>The Laboratory fails to satisfy one of the conditions for B+; for example</p> <ul style="list-style-type: none"> • The Laboratory’s strategic plan is only <i>partially</i> coherent and is not entirely well-connected with external communities; • The portfolio of Laboratory research does <i>not</i> appropriately balance high-risk/ high-payoff research and stewardship of mission-critical research; • The Laboratory has developed and maintained <i>some, but not all</i>, of its core competencies. • The plan to attract and retain professional scientific staff is <i>lacking</i> strategic vision.
B-	<p>The Laboratory fails to satisfy <i>several</i> of the conditions for B+, including at least one of the following:</p> <ul style="list-style-type: none"> • Weak programmatic vision insufficiently connected with external communities; • Development and maintenance of only a few core competencies • Little attention to maintaining the correct balance between high-risk and mission-critical research; • Inability to attract and retain talented scientists in some programs.
C	<p>The Laboratory fails to satisfy <i>several</i> of the conditions for B+, including at least one of the following reasons:</p> <ul style="list-style-type: none"> • The Laboratory’s strategic plan lacks strategic vision and lacks appropriate coordination with appropriate stakeholders including external research groups. • The Laboratory’s strategic plan does not provide for sufficient maintenance of core competencies. • Plan to attract and retain professional scientific staff is unlikely to be successful or does not focus on strategic capabilities.
D	<p>The Laboratory fails to satisfy <i>several</i> of the conditions for B+, and specifically:</p> <ul style="list-style-type: none"> • The Laboratory has demonstrated little effort in developing a strategic plan. • The Laboratory has done little to develop and maintain core competencies • The Laboratory has had minimal success in attracting and retaining professional scientific staff.
F	<p>The Laboratory has:</p> <ul style="list-style-type: none"> • Made limited or ineffective attempts to develop a strategic plan; • Not demonstrated the ability to develop and maintain core competencies, has failed to propose high-risk/high-reward research and has failed to steward mission-critical areas; • Failed to attract even reasonably competent scientists and technical staff.

Objective 3.2: Provide Effective and Efficient Science and Technology Project/Program/Facilities Management

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The Laboratory’s management of R&D programs and facilities according to proposed plans;
- The extent to which the Laboratory’s management of projects/programs/facilities supports the Laboratory strategic plan;
- Adequacy of the Laboratory’s consideration of technical risks;
- The extent to which the Laboratory is successful in identifying/avoiding technical problems;
- Effectiveness in leveraging across multiple areas of research and between research and facility capabilities;
- The extent to which the Laboratory demonstrates a willingness to make tough decisions (i.e., cut programs with sub-critical mass of expertise, divert resources to more promising areas, etc.); and
- The use of LDRD and other Laboratory investments and overhead funds to improve the competitiveness of the Laboratory; and
- The extent to which the Laboratory management fosters a safe, inclusive, and professional work environment and promotes staff professional development and growth.

The following is a sampling of factors to be considered in determining the level of performance for the Laboratory against this Objective. The evaluator(s) may consider the following as measured through progress reports, peer reviews, Field Work Proposals (FWPs), Program Office reviews/oversight, etc.

- Laboratory plans that are reviewed by experts outside of lab management and/or include broadly-based input from within the Laboratory.

Letter Grade	Definition
A+	In addition to meeting all expectations under A: <ul style="list-style-type: none"> • The Laboratory has taken extraordinary measures to deliver an extraordinary result of critical importance to DOE or other relevant supporting agency missions, which could include the delivery of a critical technology or insight in response to a National emergency.
A	In addition to satisfying the conditions for B+: <ul style="list-style-type: none"> • The Laboratory’s implementation of project/program/facility plans has led directly to effective R&D programs/facility operations that exceed program expectations in <i>several</i> programmatic areas. Examples are listed under Letter Grade A-.
A-	In addition to satisfying the conditions for B+: <ul style="list-style-type: none"> • The Laboratory’s implementation of project/program/facility plans has led directly to effective R&D programs/facility operations that exceed program expectations in <i>more than one</i> programmatic area. Examples of performance that exceeds expectations include: • The Laboratory’s implementation of project/program/facility plans has led directly to significant cost savings and/or significantly higher productivity than expected; • Project/program/facility plans prove to be robust against changing scientific and fiscal conditions through contingency planning; • The Laboratory has demonstrated creativity and forceful leadership in development and/or proactive management of its project/program/facility plans to reduce or eliminate risk; • The Laboratory’s proposals for new initiatives are funded through reallocation of resources from less effective programs. • Research plans and management actions are proactive, not reactive, as evidenced by making hard decisions and taking strong actions; and • Management is prepared for budget fluctuations and changes in DOE or other supporting agency program priorities – multiple contingencies are planned for; and • LDRD investments, overhead funds, and other Laboratory funds are used to strengthen lab plans and fill critical gaps in the Laboratory portfolio, enabling it to respond to future DOE or other relevant supporting agency initiatives and/or national emergencies.

Letter Grade	Definition
B ⁺	<p>The Laboratory has achieved each of the following objectives:</p> <ul style="list-style-type: none"> • Project/program/facility plans exist for all major projects/programs/facilities. • Project/program/facility plans are consistent with known budgets, are based on reasonable assessments of technical risk, are well-aligned with DOE or other relevant supporting agency interests, provide sufficient flexibility to respond to unforeseen directives and opportunities, and effectively leverage other Laboratory resources and expertise. • The Laboratory has implemented the project/program/facility plans and has effective methods of tracking progress. • The Laboratory demonstrates willingness to make tough decisions (i.e., cut programs with sub-critical mass of expertise, divert resources to more promising areas, etc.). • The Laboratory’s implementation of project/program/facility plans has led directly to effective R&D programs/facility operations. • LDRD investments and other overhead funds are managed appropriately.
B	<ul style="list-style-type: none"> • Project/program/facility plans exist for all major projects/programs/facilities. • The Laboratory has implemented the project/program/facility plans. <p>BUT the Laboratory fails to meet <i>at least one of</i> the conditions for B⁺.</p>
B-	<ul style="list-style-type: none"> • Project/program/facility plans exist for all major projects/programs/facilities. • The Laboratory has implemented the project/program/facility plans. <p>BUT the Laboratory fails to meet <i>several of</i> the conditions for B⁺.</p>
C	<ul style="list-style-type: none"> • Project/program/facility plans exist for most major projects/programs/facilities. <p>BUT the Laboratory has failed to implement the project/program/facility plans AND the Laboratory fails to meet <i>several of</i> the conditions for B⁺.</p>
D	<ul style="list-style-type: none"> • Project/program/facility plans do not exist for a significant fraction of the Laboratory’s major projects/programs/facilities; <p>OR</p> <ul style="list-style-type: none"> • Significant work at the Laboratory is not in alignment with the project/program/facility plans.
F	<ul style="list-style-type: none"> • The Laboratory has failed to conduct project/program/facility planning activities.

Objective 3.3: Provide Efficient and Effective Communications and Responsiveness to Headquarters Needs

In assessing the performance of the Laboratory against this Objective, the following assessment elements should be considered:

- The quality, accuracy and timeliness of the Laboratory’s response to customer requests for information;
- The extent to which the Laboratory provides point-of-contact resources and maintains effective internal communications hierarchies to facilitate efficient determination of the appropriate point-of-contact for a given issue or program element;
- The effectiveness of the Laboratory’s communications and depth of responsiveness under extraordinary or critical circumstances; and
- The effectiveness of Laboratory management in accentuating the importance of communication and responsiveness.

Letter Grade	Definition
A+	<p>In addition to meeting the all expectations under A,</p> <ul style="list-style-type: none"> The Laboratory’s effective communication and extraordinary responsiveness in the face of extreme situations or a national emergency had a materially positive impact on the outcome of the event and/or DOE or other relevant supporting agency’s mission objectives
A	<p>In addition to satisfying the conditions for B+, the Laboratory also meets all of the following:</p> <ul style="list-style-type: none"> Laboratory management has instilled a culture throughout the lab that emphasizes good communication practices; Communication channels are well-defined and information is effectively conveyed; Responses to HQ requests for information from all Laboratory representatives are prompt, thorough, correct and succinct; important or critical information is delivered in real-time; Laboratory representatives <i>always</i> initiate a communication with HQ on emerging Laboratory issues; headquarters is never surprised to learn of emerging Laboratory issues through outside channels.
A-	<p>In addition to satisfying the conditions for B+,</p> <ul style="list-style-type: none"> Laboratory management has instilled a culture throughout the lab that emphasizes good communication practices; Responses to requests for information are prompt, thorough, and economical/succinct at all levels of interaction; Laboratory representatives <i>often</i> initiate communication with HQ on emerging Laboratory issues; and Under critical circumstances, essential information is delivered in real-time.
B+	<p>The Laboratory has achieved each of the following objectives:</p> <ul style="list-style-type: none"> Staff throughout the Laboratory organization engage in good communication practices; Responses to requests for information are prompt and thorough; The accuracy and integrity of the information provided is never in doubt; Up-to-date point-of-contact information is widely available for all programmatic areas; and Headquarters is always and promptly informed of both positive and negative events at the Laboratory.
B	<p>The Laboratory failed to meet the conditions for B+ <i>in a few instances</i>.</p>
B-	<p>The Laboratory fails to meet the conditions for B+ for <i>one</i> of the following reasons:</p> <ul style="list-style-type: none"> Responses to requests for information do not provide the minimum requirements to meet HQ needs; While the integrity of the information provided is never in doubt, its accuracy sometimes is; Laboratory representatives do not take the initiative to alert HQ to emerging Laboratory issues.
C	<p>The Laboratory fails to meet the conditions for B+ for <i>one or more</i> of the following reasons:</p> <ul style="list-style-type: none"> Responses to requests for information frequently fail to provide the minimum requirements to meet HQ needs The Laboratory used outside channels or circumvented HQ in conveying critical information; The integrity and/or accuracy of information provided is sometimes in doubt; Laboratory management fails to demonstrate that its employees are held accountable for ensuring effective communication and responsiveness; Laboratory representatives failed to alert HQ to emerging Laboratory issues.
D	<p>The Laboratory fails to meet the conditions for B+ for one of the following reasons:</p> <ul style="list-style-type: none"> Laboratory staff are generally well-intentioned in communication but consistently ineffective and/or incompetent; The Laboratory management fails to emphasize the importance of effective communication and responsiveness.
F	<p>The Laboratory fails to meet the conditions for B+ for one of the following reasons:</p> <ul style="list-style-type: none"> Laboratory staff are openly hostile and/or non-responsive to requests for information – emails and phone calls are consistently ignored; Responses to requests for information are consistently incorrect, inaccurate or fraudulent – information is not organized, is incomplete, or is fabricated.

Program Office⁷	Letter Grade	Numerical Score	Weight	Overall Score
Office of Nuclear Physics				
3.1 Effective and Efficient Strategic Planning and Stewardship			30%	
3.2 Project/Program /Facilities Management			40%	
3.3 Communications and Responsiveness			30%	
Overall NP Total				
Office of Biological and Environmental Research				
3.1 Effective and Efficient Strategic Planning and Stewardship			20%	
3.2 Project/Program /Facilities Management			30%	
3.3 Communications and Responsiveness			50%	
Overall BER Total				
Office of Workforce Development for Teachers and Scientists				
3.1 Effective and Efficient Strategic Planning and Stewardship			20%	
3.2 Project/Program /Facilities Management			50%	
3.3 Communications and Responsiveness			30%	
Overall WDTS Total				
Office of Accelerator R&D and Production				
3.1 Effective and Efficient Strategic Planning and Stewardship			40%	
3.2 Project/Program /Facilities Management			40%	
3.3 Communications and Responsiveness			20%	
Overall ARDAP Total				
Office of Technology Transitions (OTT)				
3.1 Effective and Efficient Strategic Planning and Stewardship			34%	
3.2 Project/Program /Facilities Management			33%	
3.3 Communications and Responsiveness			33%	
Overall OTT Total				

Table 3.1 – Program Performance Goal 3.0 Score Development

Program Office	Letter Grade	Numerical Score	Funding Weight (cost)	Overall Weighted Score
Office of Nuclear Physics			TBD	
Office of Biological and Environmental Research			TBD	
Office of Workforce Development for Teachers and Scientists			TBD	
Office of Accelerator R&D and Production			TBD	
Office of Technology Transitions (OTT)			TBD	
Performance Goal 3.0 Total				

Table 3.2 – Overall Performance Goal 3.0 Score Development⁸

⁷A complete listing of the Objectives weightings under the S&T Goals for the SC Programs and other customers is provided within Attachment I to this plan.

⁸ The final weights to be utilized for determining weighted scores will be determined following the end of the performance period and will be based on actual cost for FY 2023.

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 3.3 –Goal 3.0 Final Letter Grade

Attachment I

**Program Office Goal & Objective Weightings
Office of Science**

	NP Weight	BER Weight	BES Weight	WDTS Weight	ARDAP Weight	OTT
Goal 1.0 Mission Accomplishment						
1.1 Impact	50%	60%	0%	80%	50%	50%
1.2 Leadership	50%	40%	0%	20%	50%	50%
Goal 2.0 Design, Fabrication, Construction and Operation of Facilities						
2.1 Design of Facility (the initiation phase and the definition phase, i.e. activities leading up to CD-2)	10%	0%	50%	0%	0%	0%
2.2 Construction of Facility / Fabrication of Components (execution phase, Post CD-2 to CD-4)	0%	0%	50%	0%	0%	0%
2.3 Operation of Facility	75%	0%	0%	0%	0%	0%
2.4 Utilization of Facility to Grow and Support Lab's Research Base and External User Community	15%	0%	0%	0%	0%	0%
Goal 3.0 Program Management						
3.1 Effective and Efficient Strategic Planning and Stewardship	30%	20%	0%	20%	40%	34%
3.2 Project/Program/Facilities Management	40%	30%	0%	50%	40%	33%
3.3 Communications and Responsiveness	30%	50%	0%	30%	20%	33%

GOAL 4.0: Provide Sound and Competent Leadership and Stewardship of the Laboratory

This Goal evaluates the Contractor’s Leadership capabilities in leading the direction of the overall Laboratory, the responsiveness of the Contractor to issues and opportunities for continuous improvement, and corporate office involvement/commitment to the overall success of the Laboratory.

In measuring the performance of the below Objectives, the DOE evaluator(s) shall consider performance trends and outcomes in overall Contractor Leadership’s planning for, integration of, responsiveness to and support for the overall success of the Laboratory. This may include, but is not limited to, the quality of Laboratory Vision/Mission strategic planning documentation and progress in realizing the Laboratory vision/mission; the ability to identify and address the Laboratory’s diversity, equity, inclusion, and accessibility challenges effectively; the ability to establish and maintain long-term partnerships/relationships with the scientific and local communities as well as private industry that advance, expand, and benefit the ongoing Laboratory mission(s) and/or provide new opportunities/capabilities; implementation of a robust assurance system; Laboratory Leadership’s ability to identify and address the Laboratory’s diversity, equity, inclusion, and accessibility challenges effectively; the ability to facilitate and effectively manage external engagements and partnerships; Laboratory and Corporate Office Leadership’s ability to instill responsibility and accountability down and through the entire organization; overall effectiveness of communications with DOE; understanding, management and allocation of the costs of doing business at the Laboratory commensurate with associated risks and benefits; utilization of corporate resources to establish joint appointments or other programs/projects/activities to strengthen the Laboratory; and advancing excellence in stakeholder relations to include good corporate citizenship within the local community.

Objective 4.1: Leadership and Stewardship of the Laboratory

By which we mean: The performance of the laboratory’s senior management team as demonstrated by their ability to do such things as:

- Define an exciting yet realistic scientific vision for the future of the laboratory;
- Make progress in realizing the vision for the laboratory; and,
- Establish and maintain long-term partnerships/relationships that maintain appropriate relations with the scientific and local communities.

Letter Grade	Definition
A+	The Senior Leadership of the laboratory has made outstanding progress (on an order of magnitude scale) over the previous year in realizing their vision for the laboratory, and has had a demonstrable impact on the Department and the Nation. Strategic plans are of outstanding quality, have been externally recognized and referenced for their excellence, and have an impact on the vision/plans of other national laboratories. The Senior leadership of the laboratory may have been faced very difficult challenges and plotted, successfully, its own course through the difficulty, with minimal hand-holding by the Department. Partners in the scientific and local communities applaud the laboratory in national fora, and the Department is strengthened by this.
A	The Senior Leadership of the laboratory has made significant progress over the previous year in realizing their vision for the laboratory, and has through this has had a demonstrable positive impact on the Office of Science and the Department. Strategic plans are of outstanding quality, and recognize and reflect the vision/plans of other national laboratories. Faced with difficult challenges, actions were taken by the Senior leadership of the laboratory to redirect laboratory activities to enhance the long-term future of the laboratory. Partners in the scientific and local communities applaud the laboratory in national fora, and the Department is strengthened by this.

Letter Grade	Definition
A-	The laboratory senior management performs better than expected (B+ grade) in these areas.
B+	The Senior Leadership of the laboratory has made significant progress over the previous year in realizing their vision for the laboratory. Strategic plans present long range goals that are both exciting and realistic. Decisions and actions taken by the lab leadership align work, facilities, equipment and technical capabilities with the laboratory vision and plan. The Senior leadership of the laboratory faced difficult challenges and successfully plotted its own course through the difficulty, with help from the Department. Partners in the scientific and local communities are supportive of the laboratory.
B	The Senior Leadership of the laboratory has made little progress over the previous year in realizing their vision for the laboratory. Strategic plans present long range goals that are exciting and realistic; however DOE is not fully confident that the laboratory is taking the actions necessary for the goals to be achieved. The Laboratory is not fully engaged with its partners/relationships in the scientific and local communities to maximize the potential benefits these relations have for the laboratory.
C	The Senior Leadership of the laboratory has made no progress over the previous year in realizing their vision for the laboratory or aligning work, facilities, equipment and technical capabilities with the laboratory vision and plan. Strategic plans present long range goals that are either unexciting or unrealistic. Business plans exist, but they are not linked to the strategic plan and do not inspire DOE's confidence that the strategic goals will be achieved. Partnerships with the scientific and local communities with potential to advance the laboratory exist, but they may not always be consistent with the mission of or vision for the laboratory. Affected communities and stakeholders are mostly supportive of the laboratory and aligned with the management's vision for the laboratory.
D	The Senior Leadership of the laboratory has made no progress or has back-slid over the previous year in realizing their vision for the laboratory or in aligning work, facilities, equipment and technical capabilities with the laboratory vision and plan. Strategic plans present long range goals that are neither exciting nor realistic. Partnerships that may advance the Laboratory towards strategic goals are inappropriate, unidentified, or unlikely. Affected communities and stakeholders are not adequately engaged with the laboratory and indicate non-alignment with DOE priorities.
F	The Senior Leadership of the laboratory has made no progress or has back-slid over the previous year in realizing their vision for the laboratory or in or aligning work, facilities, equipment and technical capabilities with the laboratory vision and plan. Strategic plans present long range goals that are not aligned with DOE priorities or the mission of the laboratory. Partnerships that may advance the Laboratory towards strategic goals are inappropriate, unidentified, and unlikely, and/or the senior management team does not demonstrate a concerted effort to develop, leverage, and maintain relations with the scientific and local communities to assist the laboratory in achieving a successful future. Affected communities and stakeholders are openly non-supportive of the laboratory and DOE priorities.

Objective 4.2: Management and Operation of the Laboratory

By which we mean: The performance of the laboratory's senior management team as demonstrated by their ability to do such things as:

- Implement a robust contractor assurance system,
- Understand the costs of doing business at the laboratory and prioritize the management and allocation of these costs commensurate with their associated risks and benefits,
- Instill a culture of accountability and responsibility down and through the entire organization; and,
- Ensure good and timely communication between the laboratory and SC headquarters and the Site Office so that DOE can deal effectively with both internal and external constituencies.

Letter Grade	Definition
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A+	The laboratory has a nationally or internationally recognized contractor assurance system in place that integrates internal and external (corporate) evaluation processes to evaluate risk, and is working to help others internal and external to the Department establish similarly outstanding practices. The laboratory understands the drivers of cost at their lab, and are prioritizing and managing these costs commensurate with the associated risks and benefits to the laboratory and the SC laboratory system. Laboratory management and processes reflect a sense of accountability and responsibility with is evident down and through the entire organization. Communication between the laboratory and SC headquarters and the Site Office is such that all the national laboratories and the Department as a whole benefits.
A	The laboratory has improved dramatically in the last year in all of the following: building a robust and transparent contractor assurance system that integrates internal and external (corporate) evaluation processes to evaluate risk; demonstrating the use of this system in making decisions that are aligned with the laboratory’s vision and strategic plan; understanding the drivers of cost at their lab, and prioritizing and managing these costs consistent with their associated risks and benefits to the laboratory and the SC laboratory system; demonstrating laboratory management and processes reflect a sense of accountability and responsibility with is evident down and through the entire organization; assuring communication between the laboratory and SC headquarters that is beneficial to both the lab and SC.
A-	The laboratory senior management performs better than expected (B+ grade) in these areas.
B+	The laboratory has a robust and transparent contractor assurance system in place that integrates internal and external (corporate) evaluation processes to evaluate risk. The laboratory can demonstrate use of this system in making decisions that are aligned with the laboratory’s vision and strategic plan. The laboratory understands the drivers of cost at their lab, and are prioritizing and managing these costs commensurate with the associated risks and benefits to the laboratory and the SC laboratory system. Laboratory management and processes reflect a sense of accountability and responsibility with is evident down and through the entire organization. Communication between the laboratory and SC headquarters and the Site Office is such that there are no surprises or embarrassments.
B	The laboratory has a contractor assurance system in place but further improvements are necessary, or the link between the CAS and the laboratory’s decision-making processes are not evident. The laboratory understands the drivers of cost at their lab, but they are not prioritizing and managing these costs as well as they should to be commensurate with the associated risks and benefits to the laboratory and the SC laboratory system. Laboratory management and processes reflect a sense of accountability and responsibility with is mostly evident down and through the entire organization. Communication between the laboratory and SC headquarters and the Site Office is such that there are no significant surprises or embarrassments.
C	The laboratory lacks a robust and transparent contractor assurance system in place that integrates internal and external (corporate) evaluation processes to evaluate risk. The laboratory cannot demonstrate use of this system in making decisions that are aligned with the laboratory’s vision and strategic plan. The laboratory does not fully understand the drivers of cost at their lab, and thus are not prioritizing and managing these costs as well as they should to be commensurate with the associated risks and benefits to the laboratory and the SC laboratory system. Communication between the laboratory and SC headquarters and the Site Office is such that there has been at least one significant surprise or embarrassment.
D	The laboratory lacks a contractor assurance system, doesn’t understand the drivers of cost at their lab, and is not prioritizing and managing costs. SC HQ must intercede in management decisions. Poor communication between the laboratory and SC headquarters and the Site Office has resulted in more than one significant surprise or embarrassment.
F	Lack of management by the laboratory’s senior management has put the future of the laboratory at risk, or has significantly hurt the reputation of the Office of Science.

Objective 4.3: Advancing Laboratory Diversity, Equity, Inclusion and Accessibility

By which we mean: The performance of the laboratory’s senior management team as demonstrated by their ability to do such things as:

- Implement an effective laboratory-wide diversity, equity, inclusion, and accessibility (DEIA) strategy that is data-driven and grounded in evidence-based practices and show measurable progress towards achieving DEIA goals.

- Understand the laboratories' DEIA challenges and opportunities for improvement through multiple methods of engaging personnel (laboratory staff, students, and visiting researchers), and internal and external reviews.
- Foster a culture at the laboratory that encourages all personnel to value a diversity of people, ideas, cultures, and backgrounds and that attracts and retains diverse personnel and promotes a sense of belonging.
- Hold all personnel accountable for conducting themselves in a manner that is respectful, ethical, and professional and address issues through timely, fair, and transparent processes.

Letter Grade	Definition
A+	The laboratory has made outstanding progress year over year in advancing its DEIA goals and objectives and can demonstrate, with data, progress in the areas of respectful and inclusive laboratory culture, attracting and retaining a diverse workforce, and equitable decision making. Internal and external review processes provide evidence that the laboratory's actions are directly contributing to an inclusive, positive, respectful, and professional laboratory culture. The laboratory is attracting and retaining an increasingly diverse workforce across a number of job categories and across its STEM training programs. The laboratory's senior managers are externally recognized as champions of DEIA in their respective fields. The laboratory has been externally recognized and referenced for their excellence in advancing DEIA in the workplace.
A	The laboratory has made significant progress over the previous year in advancing its DEIA goals and objectives and can demonstrate progress in a number of areas with data. Decisions and actions taken by the lab senior management are informed by evidence-based practices and demonstrate that DEIA principles are foundational to advancing the laboratory's S&T strategy. Processes established across the laboratory reflect a sense of responsibility and accountability for DEIA across the laboratory at all levels of management. Internal and external review processes are providing evidence that the laboratory's actions are contributing to an inclusive, positive, respectful, and professional laboratory culture. The laboratory is attracting and retaining an increasingly diverse workforce in a number of job categories, including in the lab's STEM training programs.
A-	The laboratory senior management performs better than expected (B+ grade) in these areas.
B+	The laboratory has made significant progress over the previous year in advancing its DEIA goals and objectives and can demonstrate this progress with data. The laboratory's senior management are clear champions of DEIA, which is evident in their communications and in their actions. The laboratory understands its primary DEIA challenges, and major actions taken aligned with the lab's DEIA strategy are directly addressing those challenges. The laboratory's internal and external review processes are effective at informing how the laboratory's actions are contributing to an inclusive, positive, respectful, and professional laboratory culture. Decisions and actions taken by the lab senior management demonstrate that DEIA principles are integrating into laboratory work and decision-making. The laboratory is attracting and retaining an increasingly diverse workforce.

Letter Grade	Definition
B	The laboratory has made little progress over the previous year in advancing its DEIA goals and objectives. The laboratory has clearly articulated its DEIA challenges, however DOE is not fully confident that the actions taken by the laboratory are sufficiently aligned to address the DEIA challenges. The laboratory has internal and external review processes for assessing laboratory culture, however the laboratory is slow to respond to the DEIA related feedback from DOE-led reviews. Decisions and actions taken by the lab senior management show support for DEIA principles, however DOE is not fully confident that DEIA principles are integrating into laboratory work and decision-making. The laboratory has made little progress in attracting and/or retaining an increasingly diverse workforce.
C	The laboratory has made no visible progress over the previous year in advancing its DEIA goals and objectives, and the lab lacks processes that support a data-driven approach for measuring progress. The laboratory has articulated a set of DEIA challenges, but DOE is not confident the laboratory has conducted the evaluations necessary to fully assess the lab's DEIA challenges as experienced by laboratory personnel. The laboratory's internal and external review processes are inadequate for assessing whether the lab is supporting an inclusive, positive, and professional laboratory culture, and/or the laboratory is unresponsive to the DEIA related feedback from DOE-led reviews. The laboratory's senior management are champions of DEIA in their communications, but laboratory management and staff are not held accountable for implementation of the laboratory's DEIA goals. The laboratory has made no progress in attracting and/or retaining an increasingly diverse workforce.
D	The laboratory has made no progress or has back-slid over the previous year in advancing its DEIA goals and objectives. The laboratory blames external factors (e.g., geographic location, competition with industry, pipeline challenges) as its primary DEIA challenges rather than recognizing the DEIA challenges that exist within the laboratory's control, resulting in a lab DEIA strategy that is unlikely guide leadership and staff in advancing DEIA at the laboratory. Decision-making processes regarding hires, promotions, professional and leadership opportunities, and/or or addressing misconduct that do not incorporate DEIA principles may lead to real or perceived inequities among the laboratory workforce, contribute to low morale, and/or lead to regrettable workforce attrition. Lack of focus or prioritization on DEIA supporting initiatives impacts the ability of the laboratory to hire or retain individuals from diverse backgrounds and/or impacts that ability of the laboratory to maintain a workplace culture where everyone can thrive and contribute to the mission.
F	Lack of leadership by the laboratory's senior management in advancing DEIA at the laboratory has put the laboratory at risk of being unable to attract and retain the diverse, skilled workforce needed to carry out the mission of the laboratory, and/or has significantly hurt the reputation of the Office of Science and the Department of Energy.

Objective 4.4 Leadership of External Engagements and Partnerships

By which we mean: the performance of the laboratory leadership team to achieve the following:

- Establish a vision for shepherding technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory that align with the laboratory's unique expertise, facilities, and technology portfolio with the intent of advancing the DOE mission, national security, and economic prosperity for the United States;
- Identify potential partners, implement outreach activities, and manage external engagements to accomplish technology transfer and commercialization, education and workforce development, and community-based objectives and to develop feedback loops with industry, academia, and community groups that inform planned and ongoing mission activities in the laboratory;

- Develop and leverage appropriate relationships with industry, academia, local, state, and federal government, community groups, and tribes (e.g., public-private partnerships and long-term research relationships) to benefit the laboratory, DOE, the local and regional population, and the U.S. taxpayer;
- Facilitate regional partnerships and initiatives with industry, academia (including HBCUs, MSIs, and community colleges), K-12 schools, local, state, and federal government organizations, regional economic development organizations, community groups, and tribes, among other groups (e.g., STEM outreach programs) that contribute to the local economy, workforce development, and community-based activities; and,
- Foster a culture of entrepreneurship and community engagement at the laboratory that encourages staff at all levels to consider potential technology transfer and commercialization, education and workforce development, and community-based opportunities within their program work and other laboratory activities.

Letter Grade	Definition
A+	<p>Laboratory leadership has an exemplary vision for shepherding technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory that aligns with the laboratory’s unique expertise, facilities, and technology portfolio with the intent of advancing the DOE mission, national security, and economic prosperity for the United States.</p> <p>The laboratory is recognized across the DOE complex for its preeminent leadership and excellence in:</p> <ul style="list-style-type: none"> • identifying, engaging, and leveraging relationships with industry, other labs, academia, local, state, and federal government, community groups, and tribes to drive technology transfer and commercialization, education and workforce development, and community-based activities that benefit the laboratory, the DOE, the local and regional population, and the U.S. taxpayer; • facilitating regional partnerships and initiatives that contribute to the local economy, workforce development, and community-based activities; and, • fostering a culture of entrepreneurship and community engagement at the laboratory that encourages staff at all levels to consider potential technology transfer and commercialization, education and workforce development, and community-based opportunities within their program work and other laboratory activities. <p>The laboratory is recognized across the complex for being highly effective in developing national and regional public and private partnerships that significantly enhance DOE and laboratory outreach efforts and scientific missions. The laboratory staff are strongly encouraged to seek out and pursue potential technology transfer and commercialization, education and workforce development, and community-based activities that are clearly connected and/or complementary to their research and opportunities are available for staff to pursue such activities. The laboratory can demonstrate how this outreach informs their ongoing technology transfer and commercialization, education and workforce development, and community-based efforts and they are at the forefront of commercialization, education and workforce development, and community-based outcomes.</p>

Letter Grade	Definition
A	<p>Laboratory leadership has a substantive vision for shepherding technology transfer and commercialization education and workforce development, and community-based activities at the laboratory that aligns with the laboratory’s unique expertise, facilities, and technology portfolio with the intent of advancing the DOE mission, national security, and economic prosperity for the United States.</p> <p>The laboratory demonstrates leadership and excellence in:</p> <ul style="list-style-type: none"> • identifying, engaging, and leveraging relationships with industry, other labs, academia, local, state, and federal government, community groups, and tribes to drive technology transfer and commercialization, education and workforce development, and community-based activities that benefit the laboratory, the DOE, the local and regional population, and the U.S. taxpayer; • facilitating regional partnerships and initiatives that contribute to the local economy, workforce development, and community-based activities; and, • fostering a culture of entrepreneurship and community engagement at the laboratory that encourages staff at all levels to consider potential technology transfer and commercialization, education and workforce development, and community-based opportunities within their program work and other laboratory activities. <p>The laboratory is highly effective in developing national and regional public and private partnerships that significantly enhance DOE and laboratory outreach efforts and scientific missions. The laboratory staff are encouraged to seek out and pursue potential technology transfer and commercialization, education and workforce development, and community-based activities that are clearly connected and/or complementary to their research and opportunities are available for staff to pursue such activities. The laboratory can demonstrate how this outreach informs their ongoing technology transfer and commercialization, education and workforce development, and community assistance efforts and they are at the forefront of commercialization, education and workforce development, and community-based outcomes.</p>
A-	Laboratory leadership performs better than expected (B+ grade) in these areas.

Letter Grade	Definition
B+	<p>Laboratory leadership has a vision for shepherding technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory that aligns with the laboratory’s unique expertise, facilities, and technology portfolio with the intent of advancing the DOE mission, national security, and economic prosperity for the United States.</p> <p>The laboratory demonstrates effectiveness in:</p> <ul style="list-style-type: none"> • identifying, engaging, and leveraging relationships with industry, other labs, academia, local, state, and federal government, community groups, and tribes to drive technology transfer and commercialization, education and workforce development, and community-based activities that benefit the laboratory, the DOE, the local and regional population, and the U.S. taxpayer; • facilitating regional partnerships and initiatives that contribute to the local economy, workforce development, and community-based activities; and, • fostering a culture of entrepreneurship and community engagement at the laboratory that encourages staff at all levels to consider potential technology transfer and commercialization, education and workforce development, and community-based opportunities within their program work and other laboratory activities. <p>The laboratory is effective in developing national and regional public and private partnerships that enhance DOE and laboratory outreach efforts and scientific missions. The laboratory staff are encouraged to seek out and pursue potential technology transfer and commercialization, education and workforce development, and community-based activities that are clearly connected and/or complementary to their research and opportunities are available for staff to pursue such activities. The laboratory can demonstrate how this outreach informs their ongoing technology transfer and commercialization, education and workforce development, and community-based efforts and they have strong evidence of progress in commercialization, education and workforce development, and community-based outcomes.</p>
B	<p>Laboratory leadership performs below (B+ grade) in these areas. Laboratory leadership supports development of a vision for technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory; however, this vision is not fully realized and requires more work in more than one of the areas described above including, but not limited to, identifying, engaging, and leveraging relationships with potential external partners, facilitating regional partnerships and initiatives that contribute to the local economy, workforce development, and community-based activities, and/or overcoming challenges in capturing intellectual property. The laboratory staff are allowed but not encouraged to seek out and pursue potential technology transfer and commercialization, education and workforce development, and community-based activities. The laboratory has developed few partnerships that will advance DOE and laboratory outreach and technology transfer and commercialization, education and workforce development, and community-based activities, and they have average commercialization, education and workforce development, and community-based outcomes.</p>
C	<p>The laboratory lacks a vision and the mechanisms to implement a strategy to promote technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory and has little success in developing partnerships and there has been limited commercialization, education and workforce development, and community-based outcomes.</p>
D	<p>Laboratory leadership lacks a vision and has not supported the mechanisms/resources necessary to develop or implement an external engagement strategy to promote technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory including partnership efforts. Laboratory staff are discouraged from seeking out opportunities to solicit external partner input and are also discouraged from identifying potential activities for technology transfer and commercialization, education and workforce development, and community-based and from engaging in efforts to protect intellectual property.</p>

Letter Grade	Definition
F	Lack of vision and resources by the laboratory's senior management has hindered the ability of the laboratory to identify, plan, and engage external partners to develop and promote technology transfer and commercialization, education and workforce development, and community-based activities at the laboratory that align with the laboratory's unique expertise, facilities, and technology portfolio; this failure has significantly hurt the Department's ability to achieve its mission.

Objective 4.5: Contractor Value-added

By which we mean: the additional benefits that accrue to the laboratory and the Department of Energy by virtue of having this particular M&O contractor in place. Included here, typically, are things over which the laboratory leadership does not have immediate authority, such as:

- Corporate involvement/contributions that facilitate DOE strategic plans and program initiatives and/or deal with operational challenges at the laboratory;
- Using corporate resources to enhance DOE mission objectives by establishing programs/projects/activities that strengthen the laboratory (e.g., joint appointments, integrated research initiatives, novel educational opportunities), and
- Providing other contributions that enable the laboratory to do things that are good for DOE, the laboratory and its community and that DOE cannot supply.

Letter Grade	Definition
A+	The laboratory has been transformed as a result of the many, substantial, additional benefits that accrue to the laboratory as a result of this contractor's support and operation of the laboratory.
A	Over the past year, the laboratory has become demonstrably stronger, better and more attractive as a place of employment as a result of the many, substantial, additional benefits that accrue to the laboratory as a result of this contractor's support and operation of the laboratory.
A-	The laboratory senior management performs better than expected (B+ grade) in these areas.
B+	The laboratory enjoys additional benefits above and beyond those associated with managing the laboratory's activities that accrue as a result of this contractor's support and operation of the laboratory.
B	The laboratory enjoys few additional benefits that accrue as a result of this contractor's operation of the laboratory; help by the contractor is needed to strengthen the laboratory.
C	The laboratory enjoys few additional benefits that accrue as a result of this contractor's operation of the laboratory; the contractor seems unable to help the laboratory.
D	The laboratory enjoys few additional benefits that accrue as a result of this contractor's operation of the laboratory; the contractor's efforts are inconsistent with the interests of the laboratory and the Department.
F	The laboratory enjoys no additional benefits that accrue as a result of this contractor's operation of the laboratory; the contractor's efforts are counter-productive to the interests of the Department.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
Goal 4.0 – Provide Sound and Competent Leadership and Stewardship of the Laboratory				
4.1 Leadership and Stewardship of the Laboratory			30%	
4.2 Management and Operation of the Laboratory			25%	

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
4.3 Advancing Laboratory Diversity, Equity, Inclusion and Accessibility			10%	
4.4 Leadership of External Engagements and Partnerships			10%	
4.5 Contractor Value-Added			25%	
Performance Goal 4.0 Total				

Table 4.1 – Performance Goal 4.0 Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 4.2 – Goal 4.0 Final Letter Grade

GOAL 5.0: Sustain Excellence and Enhance Effectiveness of Integrated Safety, Health, and Environmental Protection

The weight of this Goal is 30%.

This Goal evaluates the Contractor’s overall success in deploying, implementing, and improving integrated ES&H systems that efficiently and effectively support the mission(s) of the Laboratory.

Objective 5.1: Provide an Efficient and Effective Worker Health and Safety Program

Objective 5.2: Provide Efficient and Effective Environmental Management System

In measuring the performance of the above Objectives, the DOE evaluator(s) shall consider performance trends and outcomes in protecting workers, the public, and the environment. This may include, but is not limited to, minimizing the occurrence of environment, safety and health (ESH) incidents; effectiveness of the Integrated Safety Management (ISM) system; effectiveness of work planning, feedback, and improvement processes; the strength of the safety culture throughout the Laboratory; the strength of the Nuclear/Facility Safety Programs; the effective development, implementation and maintenance of an efficient and effective Environmental Management system; and the effectiveness of responses to identified hazards and/or incidents.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
Goal 5.0 - Sustain Excellence and Enhance Effectiveness of Integrated Safety, Health, and Environmental Protection.				
5.1 Provide an Efficient and Effective Worker Health and Safety Program			80%	
5.2 Provide an Efficient and Effective Environmental Management System			20%	
Performance Goal 5.0 Total				

Table 5.1 – Performance Goal 5.0 Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 5.2 – Goal 5.0 Final Letter Grade

GOAL 6.0: Deliver Efficient, Effective, and Responsive Business Systems and Resources that Enable the Successful Achievement of the Laboratory Mission(s)

The weight of this Goal is 25%.

This Goal evaluates the Contractor’s overall success in deploying, implementing, and improving integrated business systems that efficiently and effectively support the mission(s) of the Laboratory.

- Objective 6.1: Provide an Efficient, Effective, and Responsive Financial Management System
- Objective 6.2: Provide an Efficient, Effective, and Responsive Acquisition Management System and Property Management System
- Objective 6.3: Provide Efficient, Effective, and Responsive Human Resources and Talent Management Systems
- Objective 6.4: Provide Efficient, Effective, and Responsive Contractor Assurance Systems, including Internal Audit and Quality
- Objective 6.5: Demonstrate Effective Transfer of Knowledge and Technology and the Commercialization of Intellectual Assets

In measuring the performance of the above Objectives, the DOE evaluator(s) shall consider performance trends and outcomes in the development, deployment and integration of foundational program (e.g., Contractor Assurance, Quality, Financial Management, Acquisition Management, Property Management, and Human Resource Management) systems across the Laboratory. This may include, but is not limited to, minimizing the occurrence of management systems support issues; quality of work products; continual improvement driven by the results of audits, reviews, recognized, evidence-based practices, and other performance information; the integration of system performance metrics and trends; the degree of knowledge and appropriate utilization of established system processes, procedures, and data by Contractor management and staff; benchmarking and performance trending analysis. The DOE evaluator(s) shall consider the Laboratory’s performance in making progress toward comprehensive collection and submission to OSTI of peer-reviewed accepted manuscripts for journal articles (and associated metadata) resulting from DOE-funded research as called for in the [DOE Public Access Plan⁹](#), and cooperation with the Department in meeting the relevant requirements to provide other forms of scientific and technical information to OSTI per DOE O 241.1B. The DOE evaluator(s) shall also consider the stewardship of the pipeline of innovations and resulting intellectual assets at the Laboratory along with impacts and returns created/generated as a result of technology transfer, work for others and intellectual asset deployment activities.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
Goal 6.0 - Deliver Efficient, Effective, and Responsive Business Systems and Resources that Enable the Successful Achievement of the Laboratory Mission(s)				
6.1 Provide an Efficient, Effective, and Responsive Financial Management System(s)			20%	

⁹ <https://www.energy.gov/downloads/doe-public-access-plan>

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
6.2 Provide an Efficient, Effective, and Responsive Acquisition Management System and Property Management System			20%	
6.3 Provide Efficient, Effective, and Responsive Human Resources and Talent Management Systems			20%	
6.4 Provide Efficient, Effective, and Responsive Contractor Assurance Systems, including Internal Audit and Quality			25%	
6.5 Demonstrate Effective Transfer of Knowledge and Technology and the Commercialization of Intellectual Assets			15%	
Performance Goal 6.0 Total				

Table 6.1 – Performance Goal 6.0 Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 6.2 – Goal 6.0 Final Letter Grade

GOAL 7.0: Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The weight of this Goal is 25%.

This Goal evaluates the overall effectiveness and performance of the Contractor in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today’s and tomorrow’s mission(s) and complex challenges.

Objective 7.1: Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage, Minimizes Life Cycle Costs, and Ensures Site Capability to Meet Mission Needs

Objective 7.2: Provide Planning for and Acquire the Facilities and Infrastructure Required to Support the Continuation and Growth of Laboratory Missions and Programs

In measuring the performance of the above Objectives, the DOE evaluator(s) shall consider performance trends and outcomes in facility and infrastructure programs. This may include, but is not limited to, the management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness; planning and executing strategies to promote the resilience and reliability of laboratory infrastructure; effective facility utilization, maintenance and budget execution; day-to-day management and utilization of space in the active portfolio; maintenance and renewal of building systems, structures and components associated with the Laboratory’s facility and land assets; management of energy use, conservation, and sustainability practices; the integration and alignment of the Laboratory’s comprehensive strategic plan with capabilities; facility planning, forecasting, and acquisition; the delivery of accurate and timely information required to carry out

the critical decision and budget formulation process; quality of site and facility planning documents; and Cost and Schedule Performance Index performance for facility and infrastructure projects.

Notable Outcome: Effectively plan and manage the scope for SLI Line-Item projects to ensure successful delivery within approved scope and budget, including the CEBAF Renovation and Expansion (CRE) and Thomas Jefferson Infrastructure Improvements (TJII). (Objective 7.2)

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
Goal 7.0 - Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs.				
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage, Minimizes Life Cycle Costs, and Ensures Site Capability to Meet Mission Needs			40%	
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support the Continuation and Growth of Laboratory Missions and Programs			60%	
Performance Goal 7.0 Total				

Table 7.1 – Performance Goal 7.0 Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 – Goal 7.0 Final Letter Grade

GOAL 8.0: Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems

The weight of this Goal is 20%.

This Goal evaluates the Contractor’s overall success in safeguarding and securing Laboratory assets that supports the mission(s) of the Laboratory in an efficient and effective manner and provides an effective emergency management program.

Objective 8.1: Provide an Efficient and Effective Emergency Management System

Objective 8.2: Provide an Efficient and Effective Cyber Security System for the Protection of Classified and Unclassified Information

Objective 8.3: Provide an Efficient and Effective Physical Security Program for the Protection of Special Nuclear Materials, Classified Matter, Classified Information, Sensitive Information, and Property

In measuring the performance of the above Objectives, the DOE evaluator(s) shall consider performance trends and outcomes in the safeguards and security, cyber security and emergency management program systems. This may include, but is not limited to, the commitment of leadership to strong safeguards and security, cyber security and emergency management systems; the integration of these systems into the culture of the Laboratory; the degree of knowledge and appropriate utilization of established system processes/procedures by Contractor management and staff; maintenance and the appropriate utilization of Safeguards, Security, and Cyber risk identification, prevention, and control processes/activities; and the prevention and management controls and prompt reporting and mitigation of events as necessary.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Overall Score
Goal 8.0 - Sustain and Enhance the Effectiveness of Integrated Safeguards and Security management (ISSM) and Emergency Management Systems.				
8.1 Provide an Efficient and Effective Emergency Management System			25%	
8.2 Provide an Efficient and Effective Cyber Security System for the Protection of Classified and Unclassified Information			50%	
8.3 Provide an Efficient and Effective Physical Security Program for the Protection of Special Nuclear Materials, Classified Matter, Classified Information, Sensitive Information, and Property			25%	
Performance Goal 8.0 Total				

Table 8.1 – Performance Goal 8.0 Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 8.2 – Goal 8.0 Final Letter Grade