

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Year Breakdown																											
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029														
P May FY2021 Status Schedule																																					
P.10 Long Lead Procurements																																					
P.10.02 SCL Systems																																					
P.10.02.01 Cavities & Material Scanning LLP																																					
P.10.02.01.03 Procure/Fab - Cavities & Material Scanning LLP - (NEP22230)																																					
P.10.02.01.03.01 Superconducting Cavities LLP																																					
P222P270	Prepare SOW and Tech Spec for Superconducting Cavities	11-Jul-18 A	31-Jul-18 A	11-Jul-18	31-Jul-18	100%	0	\$0	John Mammosser																												
P222P275	Procurement Readiness Review (PRR) for Superconducting Cavities	01-Aug-18 A	08-Aug-18 A	01-Aug-18	08-Aug-18	100%	0	\$0	John Mammosser																												
P222MS007	Technical Package to Procurement for Superconducting Cavities		08-Aug-18 A		08-Aug-18	100%	0	\$0	John Mammosser																												
P222P280	Procurement Review and Bid for Superconducting Cavities	09-Aug-18 A	21-Sep-18 A	09-Aug-18	21-Sep-18	100%	0	\$0	John Mammosser																												
P222MS008	Issue RFP for Superconducting Cavities		21-Sep-18 A		21-Sep-18	100%	0	\$0	John Mammosser																												
P222P105	Engineering oversight of cavity vendor (Oct - Remain) (LOE) FY19	01-Oct-18 A	31-Mar-19 A	01-Oct-18	31-Mar-19	100%	0	\$0	John Mammosser																												
P222P285	Solicitation Period for Superconducting Cavities	01-Oct-18 A	24-Oct-18 A	01-Oct-18	24-Oct-18	100%	0	\$0	John Mammosser																												
P222MS009	Solicitation Complete for Superconducting Cavities		24-Oct-18 A		24-Oct-18	100%	0	\$0	John Mammosser																												
P222P290	Review and Award Contract for Superconducting Cavities	25-Oct-18 A	21-Dec-18 A	25-Oct-18	21-Dec-18	100%	0	\$0	John Mammosser																												
P222P96	Procure Cavity Shipping Boxes (30 ea)	19-Nov-18 A	03-Dec-18 A	19-Nov-18	03-Dec-18	100%	0	\$0	John Mammosser																												
P222P101	Receive Cavity Shipping Boxes (30 ea)	10-Dec-18 A	29-Mar-19 A	10-Dec-18	29-Mar-19	100%	0	\$0	John Mammosser																												
P222P250	Preparing reference cavities (3) for shipping (crating, process preparation, etc)	02-Jan-19 A	28-Feb-19 A	02-Jan-19	28-Feb-19	100%	0	\$0	John Mammosser																												
P222P215	Shipping of reference cavities to cavity vendor	28-Feb-19 A	28-Mar-19 A	28-Feb-19	28-Mar-19	100%	0	\$0	John Mammosser																												
P222P105b	Engineering oversight of cavity vendor (Oct - Remain) (LOE) FY19 Continued	01-Apr-19 A	30-Aug-19 A	01-Apr-19	30-Aug-19	100%	0	\$0	John Mammosser																												
P222P90	Review of Nb Material QA Plan	01-Apr-19 A	05-Apr-19 A	01-Apr-19	05-Apr-19	100%	0	\$0	John Mammosser																												
P222P186	Niobium Material Procurement by Vendor	30-Apr-19 A	28-Jun-19 A	30-Apr-19	28-Jun-19	100%	0	\$0	John Mammosser																												
P222P116	Review of manufacturing drawings	01-May-19 A	13-May-19 A	01-May-19	13-May-19	100%	0	\$0	John Mammosser																												
P222P191	First Vendor Infrastructure Upgrade and Qualification with 3 SNS Cavities	01-May-19 A	30-Aug-19 A	01-May-19	30-Aug-19	100%	0	\$0	John Mammosser																												
P222P360	Payment Milestone - Approval of cavity manufacturing drawings	28-May-19 A	28-May-19 A	28-May-19	28-May-19	100%	0	\$0	John Mammosser																												
P222P135	Payment Milestone - Approval of Niobium Material and Cavity Production QA plans	28-May-19 A	28-May-19 A	28-May-19	28-May-19	100%	0	\$0	John Mammosser																												
P222P76	TRAVEL - Vendor Cavity Processing Qualification	24-Jun-19 A	24-Jul-19 A	24-Jun-19	24-Jul-19	100%	0	\$0	John Mammosser																												
P222P355	Fabricate Sub-Assemblies and Single Parts	31-Jul-19 A	30-Aug-19 A	31-Jul-19	30-Aug-19	100%	0	\$0	John Mammosser																												
P222P235	First Shipping of reference cavities from cavity vendor (receive)	31-Jul-19 A	30-Aug-19 A	31-Jul-19	30-Aug-19	100%	0	\$0	John Mammosser																												
P222P61	First Vertical test qualification (3 ea) of original SNS spare cavities	21-Aug-19 A	30-Aug-19 A	21-Aug-19	30-Aug-19	100%	0	\$0	John Mammosser																												
P222P235b	First Shipping of reference cavities from cavity vendor (receive) Cont.	03-Sep-19 A	04-Sep-19 A	03-Sep-19	04-Sep-19	100%	0	\$500	John Mammosser																												
P222P105c	Engineering oversight of cavity vendor (Oct - Remain) (LOE) (Sept 19 only)	03-Sep-19 A	30-Sep-19 A	03-Sep-19	30-Sep-19	100%	0	\$11,248	John Mammosser																												
P222P191b	First Vendor Infrastructure Upgrade and Qualification with 3 SNS Cavities Cont	03-Sep-19 A	09-Oct-19 A	03-Sep-19	30-Sep-19	100%	0	\$0	John Mammosser																												

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P.10.02.01.03.01.04 Fab Cavities 16-20		01-Sep-20 A	15-Dec-20 A	11-Feb-20	21-Jan-21		0	\$263,245																
P222P146b	Fabricate fourth set of cavities (5 ea)	01-Sep-20 A	15-Dec-20 A	11-Feb-20	27-Oct-20	100%	0	\$0	John Mammosser															
P222P420	Payment Milestone: Acceptance of cavity documentation reports for cavities mechanically ready (Fourth)	16-Nov-20 A	15-Dec-20 A	21-Jan-21	21-Jan-21	100%	0	\$263,245	John Mammosser															
P222P415	Receiving Inspections - Fourth Set of Cavities	15-Dec-20 A	15-Dec-20 A	28-Oct-20	20-Jan-21	100%	0	\$0	John Mammosser															
P222MS10	Fourth Cavity Batch On-Site (5 ea)		15-Dec-20 A		27-Oct-20	100%	0	\$0	John Mammosser															
P.10.02.01.03.01.05 Fab Cavities 21-25		01-Sep-20 A	27-Jan-21 A	03-Mar-20	08-Feb-21		0	\$263,245																
P222P146c	Fabricate fifth set of cavities (5 ea)	01-Sep-20 A	22-Jan-21 A	03-Mar-20	22-Jan-21	100%	0	\$0	John Mammosser															
P222MS05	Fifth Cavity Batch On-Site (5 ea)		22-Jan-21 A		22-Jan-21	100%	0	\$0	John Mammosser															
P222P425	Receiving Inspections - Fifth Set of Cavities	25-Jan-21 A	27-Jan-21 A	25-Jan-21	05-Feb-21	100%	0	\$0	John Mammosser															
P222P430	Payment Milestone: Acceptance of cavity documentation reports for cavities mechanically ready (Fifth)	27-Jan-21 A	27-Jan-21 A	08-Feb-21	08-Feb-21	100%	0	\$263,245	John Mammosser															
P.10.02.01.03.01.06 Fab Cavities 26-30		01-Sep-20 A	26-Feb-21 A	24-Mar-20	01-Mar-21		0	\$268,498																
P222P146d	Fabricate sixth set of cavities (5 ea)	01-Sep-20 A	27-Jan-21 A	24-Mar-20	12-Feb-21	100%	0	\$0	John Mammosser															
P222P435	Receiving Inspections - Sixth Set of Cavities	27-Jan-21 A	27-Jan-21 A	15-Feb-21	26-Feb-21	100%	0	\$0	John Mammosser															
P222P440	Payment Milestone: Acceptance of cavity documentation reports for cavities mechanically ready (Sixth)	27-Jan-21 A	25-Feb-21 A	01-Mar-21	01-Mar-21	100%	0	\$268,498	John Mammosser															
P222MS06	Sixth Cavity Batch On-Site (5 ea)		25-Feb-21 A		12-Feb-21	100%	0	\$0	John Mammosser															
P222MS135	Last 5 production cavities received on site and successfully passed factory acceptance and receiving inspections		26-Feb-21 A		26-Feb-21	100%	0	\$0	John Mammosser															
P.10.02.01.03.02 Material Scanning LLP		01-May-18 A	18-Nov-19 A	01-May-18	19-Sep-19		0	\$85,779																
P222P295	Prepare SOW and Tech Spec for Material Scanning	01-May-18 A	01-May-18 A	01-May-18	01-May-18	100%	0	\$0	John Mammosser															
P222P300	Procurement Readiness Review (PRR) for Material Scanning	21-May-18 A	29-May-18 A	21-May-18	29-May-18	100%	0	\$0	John Mammosser															
P222MS30	Technical Package to Procurement for Material Scanning		19-Oct-18 A		19-Oct-18	100%	0	\$0	John Mammosser															
P222P305	Procurement Review and Bid for Material Scanning	22-Oct-18 A	24-Oct-18 A	22-Oct-18	24-Oct-18	100%	0	\$0	John Mammosser															
P222MS35	Issue RFP for Material Scanning		24-Oct-18 A		24-Oct-18	100%	0	\$0	John Mammosser															
P222P310	Solicitation Period for Material Scanning	25-Oct-18 A	21-Dec-18 A	25-Oct-18	21-Dec-18	100%	0	\$0	John Mammosser															
P222P131	Review and Award Contract for Material Scanning by DESY	21-Dec-18 A	29-Mar-19 A	21-Dec-18	29-Mar-19	100%	0	\$0	John Mammosser															
P222MS40	Solicitation Complete for Material Scanning		21-Dec-18 A		21-Dec-18	100%	0	\$0	John Mammosser															
P222MS005	Material scanning contract awarded		29-Mar-19 A		29-Mar-19	100%	0	\$0	John Mammosser															
P222P141	Engineering oversight of Material Scanning by DESY (LOE)	28-Jun-19 A	30-Aug-19 A	28-Jun-19	30-Aug-19	100%	0	\$0	John Mammosser															
P222P136	Material Scanning at DESY and Shipping to Cavity Vendor	01-Jul-19 A	30-Aug-19 A	01-Jul-19	30-Aug-19	100%	0	\$0	John Mammosser															
P222P136b	Material Scanning at DESY and Shipping to Cavity Vendor Continued	03-Sep-19 A	18-Nov-19 A	04-Sep-19	19-Sep-19	100%	0	\$84,904	John Mammosser															
P222P141b	Engineering oversight of Material Scanning by DESY (LOE) (Sept 19 only)	03-Sep-19 A	18-Nov-19 A	03-Sep-19	19-Sep-19	100%	0	\$875	John Mammosser															
P222MS130	Material scanning complete and received by cavity vendor		18-Nov-19 A		19-Sep-19	100%	0	\$0	John Mammosser															
P.10.02.01.03.03 Additional Niobium		01-Apr-19 A	22-Aug-19 A	01-Apr-19	22-Aug-19		0	\$0																
P222P515	Review and Award Contract for Niobium Procurement	01-Apr-19 A	17-Apr-19 A	01-Apr-19	17-Apr-19	100%	0	\$0	John Mammosser															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P225P340	Procurement Readiness Review (PRR) for 30 outer couplers	17-Aug-18 A	17-Aug-18 A	17-Aug-18	17-Aug-18	100%	0	\$0	John Mammosser															
P225MS60	Technical Package to Procurement for 30 outer couplers		20-Aug-18 A		20-Aug-18	100%	0	\$0	John Mammosser															
P225P345	Procurement Review and Bid for 30 outer couplers	21-Aug-18 A	13-Sep-18 A	21-Aug-18	13-Sep-18	100%	0	\$0	John Mammosser															
P225MS65	Issue RFP for 30 outer couplers		14-Sep-18 A		14-Sep-18	100%	0	\$0	John Mammosser															
P225P350	Solicitation Period for 30 outer couplers (Sep)	17-Sep-18 A	28-Sep-18 A	17-Sep-18	28-Sep-18	100%	0	\$0	John Mammosser															
P225P380	Solicitation Period for 30 outer couplers (Oct through Remain)	01-Oct-18 A	17-Oct-18 A	01-Oct-18	17-Oct-18	100%	0	\$0	John Mammosser															
P225MS70	Solicitation Complete for 30 outer couplers		17-Oct-18 A		17-Oct-18	100%	0	\$0	John Mammosser															
P225P96	Review and Award Contract of 30 outer couplers	18-Oct-18 A	01-Feb-19 A	18-Oct-18	01-Feb-19	100%	0	\$0	John Mammosser															
P225MS002	Outer coupler procurement contract awarded		01-Feb-19 A		01-Feb-19	100%	0	\$0	John Mammosser															
P225P165	Oversight of outer coupler procurement for 28 production and 2 spares (LOE)	01-Feb-19 A	31-Mar-19 A	01-Feb-19	31-Mar-19	100%	0	\$0	John Mammosser															
P225P170	Technician oversight of outer coupler processing (Writing specification, QA, etc...) (LOE)	01-Feb-19 A	31-Mar-19 A	01-Feb-19	31-Mar-19	100%	0	\$0	John Mammosser															
P225P470	Purchase of materials for fabrication	04-Feb-19 A	22-Feb-19 A	04-Feb-19	22-Feb-19	100%	0	\$0	John Mammosser															
P225P101	Fabrication of outer couplers 1 - 10	01-Mar-19 A	31-Mar-19 A	01-Mar-19	31-Mar-19	100%	0	\$0	John Mammosser															
P225P165b	Oversight of outer coupler procurement for 28 production and 2 spares (LOE) Continued	01-Apr-19 A	30-Aug-19 A	01-Apr-19	30-Aug-19	100%	0	\$0	John Mammosser															
P225P170b	Technician oversight of outer coupler processing (Writing specification, QA, etc...) (LOE) Continued	01-Apr-19 A	30-Aug-19 A	01-Apr-19	30-Aug-19	100%	0	\$0	John Mammosser															
P225P101b	Fabrication of outer couplers 1 - 10 Continued	01-Apr-19 A	30-Aug-19 A	01-Apr-19	30-Aug-19	100%	0	\$0	John Mammosser															
P225P175	Purchase of additional materials	03-Jun-19 A	10-Jun-19 A	03-Jun-19	10-Jun-19	100%	0	\$0	John Mammosser															
P225P165c	Oversight of outer coupler procurement for 28 production and 2 spares (LOE) Continued	30-Aug-19 A	21-Apr-20 A	03-Sep-19	09-Dec-19	100%	0	\$2,567	John Mammosser															
P225P170c	Technician oversight of outer coupler processing (Writing specification, QA, etc...) (LOE) Continued	30-Aug-19 A	21-Apr-20 A	03-Sep-19	09-Dec-19	100%	0	\$4,851	John Mammosser															
P225P101c	Fabrication of outer couplers 1 - 10 Continued	03-Sep-19 A	26-Nov-19 A	03-Sep-19	25-Oct-19	100%	0	\$0	John Mammosser															
P225P460	Fabrication of outer couplers 11-20	27-Nov-19 A	24-Jan-20 A	25-Oct-19	09-Dec-19	100%	0	\$0	John Mammosser															
P225P475	Milestone Payment: First receipt of 10 units	27-Nov-19 A	27-Nov-19 A	25-Oct-19	28-Oct-19	100%	0	\$136,795	John Mammosser															
P225P465	Fabrication of outer couplers 21-30	27-Jan-20 A	22-Apr-20 A	10-Dec-19	04-Feb-20	100%	0	\$0	John Mammosser															
P225P480	Milestone Payment: Second receipt of 10 units	27-Jan-20 A	27-Jan-20 A	10-Dec-19	10-Dec-19	100%	0	\$116,373	John Mammosser															
P225MS75	Fabrication of 30 outer couplers complete		22-Apr-20 A		04-Feb-20	100%	0	\$0	John Mammosser															
P225P485	Milestone Payment: Third receipt of 10 units	22-Apr-20 A	22-Apr-20 A	05-Feb-20	05-Feb-20	100%	0	\$116,247	John Mammosser															
P.10.02.04.03.02 Inner Couplers LLP		11-Jul-18 A	28-Jun-21	11-Jul-18	01-Feb-21		20	\$600,413																
P225P355	Prepare SOW and Tech Spec for 30 inner couplers	11-Jul-18 A	12-Jul-18 A	11-Jul-18	12-Jul-18	100%	0	\$0	John Mammosser															
P225P360	Procurement Readiness Review (PRR) for 30 inner couplers	17-Aug-18 A	17-Aug-18 A	17-Aug-18	17-Aug-18	100%	0	\$0	John Mammosser															
P225MS80	Technical Package to Procurement for 30 inner couplers		20-Aug-18 A		20-Aug-18	100%	0	\$0	John Mammosser															
P225P365	Procurement Review and Bid for 30 inner couplers	21-Aug-18 A	13-Sep-18 A	21-Aug-18	13-Sep-18	100%	0	\$0	John Mammosser															
P225MS85	Issue RFP for 30 inner couplers		14-Sep-18 A		14-Sep-18	100%	0	\$0	John Mammosser															
P225P370	Solicitation Period for 30 inner couplers (Sep)	17-Sep-18 A	28-Sep-18 A	17-Sep-18	28-Sep-18	100%	0	\$0	John Mammosser															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P225P375	Solicitation Period for 30 inner couplers (Oct through Remain)	01-Oct-18 A	26-Oct-18 A	01-Oct-18	26-Oct-18	100%	0	\$0	John Mammosser															
P225MS90	Solicitation Complete for 30 inner couplers		26-Oct-18 A		26-Oct-18	100%	0	\$0	John Mammosser															
P225P86	Review and Award Contract of inner couplers	29-Oct-18 A	03-Jan-19 A	29-Oct-18	03-Jan-19	100%	0	\$0	John Mammosser															
P225P91	Fabrication of inner couplers 1-4	02-Jan-19 A	31-Mar-19 A	02-Jan-19	31-Mar-19	100%	0	\$0	John Mammosser															
P225MS001	Inner coupler procurement contract awarded		03-Jan-19 A		03-Jan-19	100%	0	\$0	John Mammosser															
P225P195	Oversight of inner coupler procurement for 28 production and 2 spares (LOE)	03-Jan-19 A	31-Mar-19 A	03-Jan-19	31-Mar-19	100%	0	\$0	John Mammosser															
P225P200	Technician oversight of inner coupler processing (Writing specification, QA, etc) (LOE)	03-Jan-19 A	31-Mar-19 A	03-Jan-19	31-Mar-19	100%	0	\$0	John Mammosser															
P225P195b	Oversight of inner coupler procurement for 28 production and 2 spares (LOE) Continued	31-Mar-19 A	30-Aug-19 A	31-Mar-19	30-Aug-19	100%	0	\$0	John Mammosser															
P225P200b	Technician oversight of inner coupler processing (Writing specification, QA, etc) (LOE) Continued	31-Mar-19 A	30-Aug-19 A	31-Mar-19	30-Aug-19	100%	0	\$0	John Mammosser															
P225P495b	Fabrication of inner couplers 1-4 Continued	01-Apr-19 A	08-Jul-19 A	01-Apr-19	08-Jul-19	100%	0	\$0	John Mammosser															
P225MS004	Receive inner couplers 1-4		08-Jul-19 A		08-Jul-19	100%	0	\$0	John Mammosser															
P225P440	Fabrication of inner couplers 5-8	09-Jul-19 A	28-Aug-19 A	09-Jul-19	28-Aug-19	100%	0	\$0	John Mammosser															
P225MS005	Receive inner couplers 5-8		28-Aug-19 A		28-Aug-19	100%	0	\$0	John Mammosser															
P225P445	Fabrication of inner couplers 9-14	03-Sep-19 A	25-Sep-19 A	03-Sep-19	25-Sep-19	100%	0	\$126,208	John Mammosser															
P225P195c	Oversight of inner coupler procurement for 28 production and 2 spares (LOE) Continued	03-Sep-19 A	28-Oct-19 A	03-Sep-19	13-Dec-19	100%	0	\$21,072	John Mammosser															
P225P200c	Technician oversight of inner coupler processing (Writing specification, QA, etc) (LOE) Continued	03-Sep-19 A	28-Oct-19 A	03-Sep-19	13-Dec-19	100%	0	\$3,608	John Mammosser															
P225MS006	Receive inner couplers 9-14		25-Sep-19 A		25-Sep-19	100%	0	\$0	John Mammosser															
P225P450	Fabrication of inner couplers 15-22	26-Sep-19 A	16-Oct-19 A	26-Sep-19	01-Nov-19	100%	0	\$168,277	John Mammosser															
P225MS007	Receive inner couplers 15-22		16-Oct-19 A		01-Nov-19	100%	0	\$0	John Mammosser															
P225P455	Fabrication of inner couplers 23-30	17-Oct-19 A	28-Oct-19 A	04-Nov-19	13-Dec-19	100%	0	\$168,277	John Mammosser															
P225MS95	Fabrication of 30 inner couplers complete		28-Oct-19 A		13-Dec-19	100%	0	\$0	John Mammosser															
P225MS008	Receive inner couplers 23-30		28-Oct-19 A		13-Dec-19	100%	0	\$0	John Mammosser															
P225P106	Shipping cost to lab partner (Labor - Award contract)	01-Feb-21 A	09-Feb-21 A	24-Feb-20	03-Mar-20	100%	0	\$462	John Mammosser															
P225P111	Shipping cost to lab partner (Receipt on site M&S)	10-Feb-21 A	28-Jun-21	04-Mar-20	31-Mar-20	30%	20	\$44,631	John Mammosser															
P.10.02.04.03.02.01 Additional Inner Couplers		01-Apr-20 A	17-Jul-20 A	01-May-20	01-Feb-21		0	\$67,878																
P225P505	Procure three additional inner couplers (spares)	01-Apr-20 A	08-Apr-20 A	01-May-20	29-May-20	100%	0	\$558	John Mammosser															
P225P510	Fabricate three additional inner couplers (spares)	08-Apr-20 A	17-Jul-20 A	01-Jun-20	29-Jan-21	100%	0	\$0	John Mammosser															
P225P515	Receive three additional inner couplers (spares)	17-Jul-20 A	17-Jul-20 A	01-Feb-21	01-Feb-21	100%	0	\$67,320	John Mammosser															
P225MS009	Fabrication of three additional inner couplers complete (spares)		17-Jul-20 A		29-Jan-21	100%	0	\$0	John Mammosser															
P.10.02.05 Coupler Acquisition		11-Jul-18 A	10-Jul-20 A	11-Jul-18	24-Mar-20		0	\$371,768																
P.10.02.05.03 Procure/Fab - Coupler Acquisition		11-Jul-18 A	10-Jul-20 A	11-Jul-18	24-Mar-20		0	\$371,768																
P225P005	Procure Coupler Shipping Carts & Cleanroom Carts	03-Sep-19 A	23-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$503	John Mammosser															
P225P015	Procure Instrumentation for Bridge waveguides	03-Sep-19 A	23-Oct-19 A	03-Sep-19	23-Sep-19	100%	0	\$513	John Mammosser															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P225P010	Fabricate Coupler Shipping Carts & Cleanroom Carts	24-Sep-19 A	13-Nov-19 A	24-Sep-19	18-Nov-19	100%	0	\$0	John Mammosser															
P225P020	Fabricate Instrumentation for Bridge Waveguides	24-Oct-19 A	13-Dec-19 A	24-Sep-19	18-Dec-19	100%	0	\$0	John Mammosser															
P225P050	Receive Coupler Shipping Carts & Cleanroom Carts	13-Nov-19 A	13-Nov-19 A	19-Nov-19	19-Nov-19	100%	0	\$18,914	John Mammosser															
P225P055	Receive Instrumentation for Bridge Waveguides	13-Dec-19 A	13-Dec-19 A	19-Dec-19	19-Dec-19	100%	0	\$33,039	John Mammosser															
P.10.02.05.03.03 Coupler Instrumentation		11-Jul-18 A	10-Jul-20 A	11-Jul-18	24-Mar-20		0	\$283,162																
P225P385	Prepare SOW and Tech Spec for Coupler Instrumentation	11-Jul-18 A	07-Aug-18 A	11-Jul-18	07-Aug-18	100%	0	\$0	John Mammosser															
P225P390	Procurement Readiness Review (PRR) for Coupler Instrumentation	21-Aug-18 A	27-Aug-18 A	21-Aug-18	27-Aug-18	100%	0	\$0	John Mammosser															
P225MS110	Technical Package to Procurement for Coupler Instrumentation		27-Aug-18 A		27-Aug-18	100%	0	\$0	John Mammosser															
P225P66	Review and Award Contract of Coupler Instrumentation	03-Sep-19 A	16-Oct-19 A	03-Sep-19	23-Sep-19	100%	0	\$14,415	John Mammosser															
P225MS125	Coupler Instrumentation procurement contract awarded		16-Oct-19 A		23-Sep-19	100%	0	\$0	John Mammosser															
P225P71	Coupler instrumentation fabrication	17-Oct-19 A	24-Feb-20 A	24-Sep-19	18-Nov-19	100%	0	\$66,112	John Mammosser															
P225P490	Procure Additional Coupler Instrumentation	06-Jan-20 A	30-Jan-20 A	06-Jan-20	27-Jan-20	100%	0	\$525	John Mammosser															
P225P495	Fabricate Additional Coupler Instrumentation	03-Feb-20 A	26-Feb-20 A	28-Jan-20	23-Mar-20	100%	0	\$0	John Mammosser															
P225P405	Coupler instrumentation receive	25-Feb-20 A	10-Jul-20 A	19-Nov-19	19-Nov-19	100%	0	\$166,807	John Mammosser															
P225P500	Additional Coupler instrumentation receive	26-Feb-20 A	23-Mar-20 A	24-Mar-20	24-Mar-20	100%	0	\$35,304	John Mammosser															
P225MS150	Fabrication of Additional coupler instrumentation complete		23-Mar-20 A		24-Mar-20	100%	0	\$0	John Mammosser															
P225MS130	Fabrication of coupler instrumentation complete		10-Jul-20 A		19-Nov-19	100%	0	\$0	John Mammosser															
P.10.02.05.03.04 Vacuum Pump Cart Hardware		03-Sep-19 A	05-Feb-20 A	03-Sep-19	13-Nov-19		0	\$35,638																
P225P410	Procurement Review and Bid for Vacuum pump cart hardware	03-Sep-19 A	05-Sep-19 A	03-Sep-19	05-Sep-19	100%	0	\$503	John Mammosser															
P225MS135	Issue RFP for Vacuum pump cart hardware		05-Sep-19 A		05-Sep-19	100%	0	\$0	John Mammosser															
P225P415	Solicitation Period for Vacuum pump cart hardware	06-Sep-19 A	12-Sep-19 A	06-Sep-19	12-Sep-19	100%	0	\$503	John Mammosser															
P225MS140	Solicitation Complete for Vacuum pump cart hardware		12-Sep-19 A		12-Sep-19	100%	0	\$0	John Mammosser															
P225P76	Review and Award Vacuum pump cart hardware	06-Jan-20 A	08-Jan-20 A	13-Sep-19	17-Sep-19	100%	0	\$525	John Mammosser															
P225P81	Fabricate Vacuum pump cart hardware	09-Jan-20 A	05-Feb-20 A	18-Sep-19	12-Nov-19	100%	0	\$0	John Mammosser															
P225MS145	Fabrication of Vacuum pump cart hardware complete		05-Feb-20 A		13-Nov-19	100%	0	\$0	John Mammosser															
P225P420	Receive Vacuum pump cart hardware	05-Feb-20 A	05-Feb-20 A	13-Nov-19	13-Nov-19	100%	0	\$34,108	John Mammosser															
P.10.02.07 Cryomodule Integration (Partner Laboratory Scope)		03-Sep-19 A	18-Nov-21	03-Sep-19	02-Mar-22		121	\$10,173,179																
P.10.02.07.03 Procure/Fab - Cryomodule Integration (Partner Laboratory Scope)		03-Sep-19 A	18-Nov-21	03-Sep-19	02-Mar-22		121	\$10,173,179																
P233P055	Proceed to Procurement	23-Sep-19 A	23-Sep-19 A	23-Sep-19	23-Sep-19	100%	0	\$0	Matt Howell															
P233P160	Point Adjustment for PCR LL-2020-17	25-Dec-19 A	25-Dec-19 A	20-Dec-19	20-Dec-19	100%	0	(\$2,772,858)	Matt Howell															
P233P170	Point Adjustment for PCR LL-2020-17 (S Adjustment)	25-Dec-19 A	25-Dec-19 A	02-Dec-19	20-Dec-19	100%	0	\$685,092	Matt Howell															
P.10.02.07.03.03 Helium Vessel Procurement		23-Sep-19 A	16-Jul-21	24-Sep-19	07-Dec-20		33	\$2,238,336																
P233P010	Materials for Helium Vessel Weld - A	23-Sep-19 A	01-Oct-19 A	24-Sep-19	30-Sep-19	100%	0	\$26,682	Matt Howell															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29
										F	F	F	F	F	F	F	F	F	F	F	F	F	F
P234P015	Vendor Effort Fabrication of Tuner Frames Lot #1	06-Jan-20 A	30-Mar-20 A	06-Jan-20	24-Mar-20	100%	0	\$0	Matt Howell														
P234P035	Vendor Effort Fabrication of Tuner Motors	06-Jan-20 A	28-Feb-20 A	06-Jan-20	19-May-20	100%	0	\$0	Matt Howell														
P234P045	Vendor Effort Fabrication of Tuner Harmonic Drives	06-Jan-20 A	14-Aug-20 A	06-Jan-20	16-Jun-20	100%	0	\$0	Matt Howell														
P234P075	Vendor Effort Fabrication of Tuner Frames (Thermal Straps and Production Spares)	06-Jan-20 A	30-Mar-20 A	06-Jan-20	30-Apr-20	100%	0	\$0	Matt Howell														
P234P040	Accept Vendor Effort Fabrication of Tuner Motors	28-Feb-20 A	28-Feb-20 A	20-May-20	20-May-20	100%	0	\$103,035	Matt Howell														
P234P020	Accept Vendor Effort Fabrication of Tuner Frames Lot #1	31-Mar-20 A	31-Mar-20 A	25-Mar-20	25-Mar-20	100%	0	\$103,805	Matt Howell														
P234P080	Accept Vendor Effort Fabrication of Tuner Frames (Thermal Straps and Production Spares)	31-Mar-20 A	31-Mar-20 A	01-May-20	01-May-20	100%	0	\$21,733	Matt Howell														
P234P025	Vendor Effort Fabrication of Tuner Frames Lot #2	01-Apr-20 A	27-Apr-20 A	25-Mar-20	14-May-20	100%	0	\$0	Matt Howell														
P234P055	Vendor Effort Fabrication of Tuner Frames Lot #3	01-Apr-20 A	11-Jun-20 A	18-May-20	09-Jul-20	100%	0	\$0	Matt Howell														
P234P030	Accept Vendor Effort Fabrication of Tuner Frames Lot #2	27-Apr-20 A	27-Apr-20 A	15-May-20	15-May-20	100%	0	\$83,773	Matt Howell														
P234P60	Vendor Effort Fabrication of Tuner Frames Lot #4	01-Jun-20 A	11-Jun-20 A	10-Jul-20	18-Aug-20	100%	0	\$0	Matt Howell														
P234P060	Accept Vendor Effort Fabrication of Tuner Frames Lot #3	12-Jun-20 A	12-Jun-20 A	10-Jul-20	10-Jul-20	100%	0	\$84,493	Matt Howell														
P234P65	Accept Vendor Effort Fabrication of Tuner Frames Lot #4	12-Jun-20 A	12-Jun-20 A	19-Aug-20	19-Aug-20	100%	0	\$54,993	Matt Howell														
P234P050	Accept Vendor Effort Fabrication of Tuner Harmonic Drives	17-Aug-20 A	16-Nov-20 A	17-Jun-20	17-Jun-20	100%	0	\$155,794	Matt Howell														
P.10.02.07.03.05	Thermal Shield & MLI Procurement	11-Nov-19 A	20-Jan-21 A	01-Oct-19	11-Dec-20	0	0	\$856,676															
P235P010	Thermal Shield & MLI Procurement - A	11-Nov-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$77,882	Matt Howell														
P235P010b	Thermal Shield & MLI Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$140,713	Matt Howell														
P235P015	Vendor Effort Existing Parts Inspection of Thermal Shield	20-Dec-19 A	25-Dec-19 A	06-Jan-20	31-Jan-20	100%	0	\$0	Matt Howell														
P235P020	Accept Vendor Effort Existing Parts Inspection of Thermal Shield	25-Dec-19 A	25-Dec-19 A	03-Feb-20	03-Feb-20	100%	0	\$18,614	Matt Howell														
P235P075	Vendor Effort Fabrication of Thermal Shield Assemblies - MOD 1 - Additional 50K Support Assemblies	06-Jan-20 A	15-Jun-20 A	06-Jan-20	29-Jul-20	100%	0	\$0	Matt Howell														
P235P025	Vendor Effort Fabrication of Thermal Shield Assemblies - Procurement of Materials Completed	06-Jan-20 A	20-Jan-20 A	06-Jan-20	04-Mar-20	100%	0	\$0	Matt Howell														
P235P030	Accept Vendor Effort Fabrication of Thermal Shield Assemblies - Procurement of Materials Completed	20-Jan-20 A	20-Jan-20 A	05-Mar-20	05-Mar-20	100%	0	\$178,907	Matt Howell														
P235P035	Vendor Effort Fabrication of Thermal Shield Assemblies - Bill of Materials Complete	20-Jan-20 A	27-Jan-20 A	05-Mar-20	11-Mar-20	100%	0	\$0	Matt Howell														
P235P040	Accept Vendor Effort Fabrication of Thermal Shield Assemblies - Bill of Materials Complete	27-Jan-20 A	27-Jan-20 A	12-Mar-20	12-Mar-20	100%	0	\$21,869	Matt Howell														
P235P045	Vendor Effort Fabrication of Thermal Shield Assemblies - Fabrication of all 6 Thermal Shield Completed	03-Feb-20 A	11-Jun-20 A	12-Mar-20	11-Jun-20	100%	0	\$0	Matt Howell														
P235P115	Vendor Effort Fabrication Thermal Shield Repair - Completion of All Follow Up Items on Inspection Report Provided	05-Mar-20 A	09-Mar-20 A	05-Mar-20	09-Mar-20	100%	0	\$0	Matt Howell														
P235P155	Adjustment for Jlab February Labor	06-Mar-20 A	06-Mar-20 A	06-Mar-20	06-Mar-20	100%	0	(\$380)	Matt Howell														
P235P135	Vendor Effort Fabrication of Beamline Thermal Stations	10-Mar-20 A	29-May-20 A	10-Mar-20	30-Apr-20	100%	0	\$0	Matt Howell														
P235P145	Vendor Effort Fabrication of One Additional Set of Thermal Shield Return and Supply End Assemblies MOD2	10-Mar-20 A	23-Jun-20 A	10-Mar-20	28-Jul-20	100%	0	\$0	Matt Howell														
P235P120	Accept Vendor Effort Fabrication Thermal Shield Repair - Completion of All Follow Up Items on Inspection Report Provided	10-Mar-20 A	10-Mar-20 A	10-Mar-20	10-Mar-20	100%	0	\$11,173	Matt Howell														
P235P095	Vendor Effort Fabrication of MLI - First Article	11-Mar-20 A	21-Jul-20 A	12-Mar-20	22-Jul-20	100%	0	\$0	Matt Howell														
P235P105	Vendor Effort Fabrication Thermal Shield Repair - Completion of Obtaining Brazing Certification	11-Mar-20 A	12-Mar-20 A	13-Mar-20	20-Mar-20	100%	0	\$0	Matt Howell														
P235P110	Accept Vendor Effort Fabrication Thermal Shield Repair - Completion of Obtaining Brazing Certification	12-Mar-20 A	12-Mar-20 A	23-Mar-20	23-Mar-20	100%	0	\$6,845	Matt Howell														

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY Budgets																											
										FY2016		FY2017		FY2018		FY2019		FY2020		FY2021		FY2022		FY2023		FY2024		FY2025		FY2026		FY2027		FY2028		29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P235P125	Vendor Effort Thermal Shield Repair - Delivery of Repaired SNS PPU Thermal Shield to Jefferson Lab	24-Mar-20 A	30-Mar-20 A	24-Mar-20	31-Mar-20	100%	0	\$0	Matt Howell																												
P235P130	Accept Vendor Effort Thermal Shield Repair - Delivery of Repaired SNS PPU Thermal Shield to Jefferson Lab	30-Mar-20 A	30-Mar-20 A	01-Apr-20	01-Apr-20	100%	0	\$17,550	Matt Howell																												
P235P170	Adjustment for March JLab Labor	01-Apr-20 A	01-Apr-20 A	01-Apr-20	01-Apr-20	100%	0	\$4,884	Matt Howell																												
P235P160	Vendor Effort Installing Thermal Shield Assy to Space Frame Assy	01-May-20 A	17-Jun-20 A	01-Apr-20	09-Jun-20	100%	0	\$0	Matt Howell																												
P235P065	Vendor Effort Fabrication of Thermal Shield Assemblies - Fabrication of all 6 Thermal Shield Completed	01-Jun-20 A	15-Jun-20 A	26-Jun-20	30-Jul-20	100%	0	\$0	Matt Howell																												
P235P140	Accept Vendor Effort Fabrication of Beamline Thermal Stations	02-Jun-20 A	02-Jun-20 A	01-May-20	01-May-20	100%	0	\$17,257	Matt Howell																												
P235P175	Vendor Effort Fabrication of Beamline Thermal Stations, Mod 2	03-Jun-20 A	04-Jun-20 A	15-Jun-20	06-Jul-20	100%	0	\$0	Matt Howell																												
P235P180	Accept Vendor Effort Fabrication of Beamline Thermal Stations, Mod 2	05-Jun-20 A	05-Jun-20 A	07-Jul-20	07-Jul-20	100%	0	\$2,399	Matt Howell																												
P235P050	Accept Vendor Effort Fabrication of Thermal Shield Assemblies - Fabrication of all 6 Thermal Shield Completed	12-Jun-20 A	12-Jun-20 A	12-Jun-20	12-Jun-20	100%	0	\$133,906	Matt Howell																												
P235P055	Vendor Effort Fabrication of Thermal Shield Assemblies - Testing Complete	12-Jun-20 A	15-Jun-20 A	12-Jun-20	25-Jun-20	100%	0	\$0	Matt Howell																												
P235P060	Accept Vendor Effort Fabrication of Thermal Shield Assemblies - Testing Complete	16-Jun-20 A	16-Jun-20 A	26-Jun-20	26-Jun-20	100%	0	\$41,942	Matt Howell																												
P235P070	Accept Vendor Effort Fabrication of Thermal Shield Assemblies - Fabrication of all 6 Thermal Shield Delivered	16-Jun-20 A	16-Jun-20 A	31-Jul-20	31-Jul-20	100%	0	\$46,611	Matt Howell																												
P235P080	Accept Vendor Effort Fabrication of Thermal Shield Assemblies - MOD 1 - Additional 50K Support Assemblies	16-Jun-20 A	16-Jun-20 A	30-Jul-20	30-Jul-20	100%	0	\$17,402	Matt Howell																												
P235P165	Accept Vendor Effort Installing Thermal Shield Assy to Space Frame Assy	18-Jun-20 A	18-Jun-20 A	10-Jun-20	10-Jun-20	100%	0	\$6,890	Matt Howell																												
P235P150	Accept Vendor Effort Fabrication of One Additional Set of Thermal Shield Return and Supply End Assemblies MOD2	23-Jun-20 A	23-Jun-20 A	29-Jul-20	29-Jul-20	100%	0	\$14,720	Matt Howell																												
P235P100	Accept MLI First Article	22-Jul-20 A	22-Jul-20 A	23-Jul-20	23-Jul-20	100%	0	\$29,454	Matt Howell																												
P235P085	Vendor Effort Fabrication of MLI Remainder	23-Jul-20 A	20-Jan-21 A	24-Jul-20	10-Dec-20	100%	0	\$0	Matt Howell																												
P235P185	Adjustment for October Rate Change BCR	11-Dec-20 A	11-Dec-20 A	11-Dec-20	11-Dec-20	100%	0	\$3	Matt Howell																												
P235P090	Accept Vendor Effort Fabrication Remainder of MLI	20-Jan-21 A	20-Jan-21 A	11-Dec-20	11-Dec-20	100%	0	\$68,034	Matt Howell																												
P.10.02.07.03.06 Spaceframe Procurement		04-Nov-19 A	15-Feb-21 A	01-Oct-19	21-Aug-20		0	\$598,488																													
P236P010	Spaceframe Procurement -A	04-Nov-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$64,040	Matt Howell																												
P236P010b	Spaceframe Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$101,420	Matt Howell																												
P236P015	Vendor Fabrication of Spaceframe	06-Jan-20 A	12-Feb-21 A	06-Jan-20	20-Aug-20	100%	0	\$0	Matt Howell																												
P236P025	Vendor Fabrication of Spaceframe - Receipt of Majority of Raw Materials and Start of Fabrication	06-Jan-20 A	30-Mar-20 A	06-Jan-20	12-Mar-20	100%	0	\$0	Matt Howell																												
P236P045	Vendor Repair of Existing Spaceframe	16-Mar-20 A	28-May-20 A	16-Mar-20	29-May-20	100%	0	\$0	Matt Howell																												
P236P030	Accept Vendor Fabrication of Spaceframe - Receipt of Majority of Raw Materials and Start of Fabrication	31-Mar-20 A	31-Mar-20 A	13-Mar-20	13-Mar-20	100%	0	\$139,130	Matt Howell																												
P236P035	Vendor Fabrication of Spaceframe - Completion of Machined Components	01-Apr-20 A	21-Aug-20 A	16-Mar-20	22-May-20	100%	0	\$0	Matt Howell																												
P236P050	Accept Vendor Repair of Existing Spaceframe	01-Jun-20 A	01-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	\$17,886	Matt Howell																												
P236P055	Vendor Effort Fabrication of Spaceframe - Receipt of Nitronic Rods	08-Jun-20 A	12-Jun-20 A	27-May-20	22-Jun-20	100%	0	\$0	Matt Howell																												
P236P060	Accept Vendor Effort Fabrication of Spaceframe - Receipt of Nitronic Rods	15-Jun-20 A	15-Jun-20 A	23-Jun-20	23-Jun-20	100%	0	\$59,003	Matt Howell																												
P236P040	Accept Vendor Fabrication of Spaceframe - Completion of Machined Components	24-Aug-20 A	24-Aug-20 A	26-May-20	26-May-20	100%	0	\$156,888	Matt Howell																												
P236P020	Accept Vendor Fabrication of Spaceframe	15-Feb-21 A	15-Feb-21 A	21-Aug-20	21-Aug-20	100%	0	\$60,121	Matt Howell																												
P.10.02.07.03.07 Vacuum Vessel Procurement		04-Oct-19 A	18-Nov-21	24-Sep-19	01-Oct-21		121	\$1,680,084																													

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029			
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P237P010	Vacuum Vessel Procurement - A	04-Oct-19 A	20-Dec-19 A	24-Sep-19	30-Sep-19	100%	0	\$22,219	Matt Howell																	
P237P010b	Vacuum Vessel Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$113,442	Matt Howell																	
P237P010c	Vacuum Vessel Procurement - C	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$172,444	Matt Howell																	
P237P015	Vendor Effort Fabrication of Vacuum Vessels - Placement of Material Order	07-Jan-20 A	28-Feb-20 A	06-Jan-20	25-Mar-20	100%	0	\$0	Matt Howell																	
P237P020	Accept Vendor Effort Fabrication of Vacuum Vessels - Placement of Material Order	28-Feb-20 A	28-Feb-20 A	26-Mar-20	26-Mar-20	100%	0	\$282,104	Matt Howell																	
P237P025	Vendor Effort Fabrication of Vacuum Vessels - Shell Material Received by Vendor	02-Mar-20 A	30-Mar-20 A	26-Mar-20	22-May-20	100%	0	\$0	Matt Howell																	
P237P030	Accept Vendor Effort Fabrication of Vacuum Vessels - Shell Material Received by Vendor	31-Mar-20 A	31-Mar-20 A	26-May-20	26-May-20	100%	0	\$258,839	Matt Howell																	
P237P035	Vendor Effort Fabrication of Vacuum Vessels - CM #1 Vacuum Vessel Received at JLab	01-Apr-20 A	16-Apr-21 A	26-May-20	13-Oct-20	100%	0	\$0	Matt Howell																	
P237P105	Adjustment for October Rate Change BCR	11-Dec-20 A	11-Dec-20 A	11-Dec-20	11-Dec-20	100%	0	\$19	Matt Howell																	
P237P040	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #1 Vacuum Vessel Received at JLab	19-Apr-21 A	19-Apr-21 A	14-Oct-20	14-Oct-20	100%	0	\$122,627	Matt Howell																	
P237P130	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 1	03-May-21 A	11-May-21 A	03-May-21	11-May-21	100%	0	\$0	Matt Howell																	
P237P145	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 2	03-May-21 A	09-Jun-21	03-May-21	11-May-21	0%	7	\$0	Matt Howell																	
P237P135	Accept Vacuum Vessel Dimensional Inspection 1	12-May-21 A	12-May-21 A	12-May-21	12-May-21	100%	0	\$4,335	Matt Howell																	
P237P045	Vendor Effort Fabrication of Vacuum Vessels - CM #2 Vacuum Vessel Received at JLab	01-Jun-21	06-Jul-21	14-Oct-20	11-Nov-20	0%	25	\$0	Matt Howell																	
P237P140	Accept Vacuum Vessel Dimensional Inspection 2	10-Jun-21	10-Jun-21	12-May-21	12-May-21	0%	1	\$4,335	Matt Howell																	
P237P150	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 3	11-Jun-21	29-Jun-21	13-May-21	01-Jun-21	0%	13	\$0	Matt Howell																	
P237P155	Accept Vacuum Vessel Dimensional Inspection 3	30-Jun-21	30-Jun-21	02-Jun-21	02-Jun-21	0%	1	\$4,335	Matt Howell																	
P237P160	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 4	01-Jul-21	06-Aug-21	03-Jun-21	09-Jul-21	0%	26	\$0	Matt Howell																	
P237P050	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #2 Vacuum Vessel Received at JLab	07-Jul-21	07-Jul-21	12-Nov-20	12-Nov-20	0%	1	\$113,212	Matt Howell																	
P237P055	Vendor Effort Fabrication of Vacuum Vessels - CM #3 Vacuum Vessel Received at JLab	07-Jul-21	19-Jul-21	12-Nov-20	10-Dec-20	0%	9	\$0	Matt Howell																	
P237P060	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #3 Vacuum Vessel Received at JLab	20-Jul-21	20-Jul-21	11-Dec-20	11-Dec-20	0%	1	\$113,054	Matt Howell																	
P237P065	Vendor Effort Fabrication of Vacuum Vessels - CM #4 Vacuum Vessel Received at JLab	20-Jul-21	16-Aug-21	11-Dec-20	13-Jan-21	0%	20	\$0	Matt Howell																	
P237P165	Accept Vacuum Vessel Dimensional Inspection 4	09-Aug-21	09-Aug-21	12-Jul-21	12-Jul-21	0%	1	\$4,335	Matt Howell																	
P237P170	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 5	10-Aug-21	20-Aug-21	13-Jul-21	30-Jul-21	0%	9	\$0	Matt Howell																	
P237P070	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #4 Vacuum Vessel Received at JLab	17-Aug-21	17-Aug-21	14-Jan-21	14-Jan-21	0%	1	\$113,221	Matt Howell																	
P237P075	Vendor Effort Fabrication of Vacuum Vessels - CM #5 Vacuum Vessel Received at JLab	17-Aug-21	20-Aug-21	14-Jan-21	15-Feb-21	0%	4	\$0	Matt Howell																	
P237P080	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #5 Vacuum Vessel Received at JLab	23-Aug-21	23-Aug-21	16-Feb-21	16-Feb-21	0%	1	\$113,305	Matt Howell																	
P237P085	Vendor Effort Fabrication of Vacuum Vessels - CM #6 Vacuum Vessel Received at JLab	23-Aug-21	01-Oct-21	16-Feb-21	12-Mar-21	0%	29	\$0	Matt Howell																	
P237P175	Accept Vacuum Vessel Dimensional Inspection 5	23-Aug-21	23-Aug-21	02-Aug-21	02-Aug-21	0%	1	\$4,335	Matt Howell																	
P237P180	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 6	24-Aug-21	01-Oct-21	03-Aug-21	10-Sep-21	0%	28	\$0	Matt Howell																	
P237P090	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #6 Vacuum Vessel Received at JLab	04-Oct-21	15-Oct-21	15-Mar-21	15-Mar-21	0%	10	\$114,796	Matt Howell																	
P237P095	Vendor Effort Fabrication of Vacuum Vessels - CM #7 Vacuum Vessel Received at JLab	04-Oct-21	17-Nov-21	15-Mar-21	07-Apr-21	0%	33	\$0	Matt Howell																	
P237P185	Accept Vacuum Vessel Dimensional Inspection 6	04-Oct-21	04-Oct-21	13-Sep-21	13-Sep-21	0%	1	\$4,335	Matt Howell																	

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Year Allocation (FY2016-FY2029)																											
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P237P190	Vendor Effort Fabrication of Vacuum Vessel Dimensional Inspection 7	05-Oct-21	21-Oct-21	14-Sep-21	30-Sep-21	0%	13	\$0	Matt Howell																												
P237P195	Accept Vacuum Vessel Dimensional Inspection 7	22-Oct-21	22-Oct-21	01-Oct-21	01-Oct-21	0%	1	\$4,335	Matt Howell																												
P237P100	Accept Vendor Effort Fabrication of Vacuum Vessels - CM #7 Vacuum Vessel Received at JLab	18-Nov-21	18-Nov-21	08-Apr-21	08-Apr-21	0%	1	\$110,455	Matt Howell																												
P.10.02.07.03.08 Supply End Can Procurement		07-Oct-19 A	03-Aug-21	24-Sep-19	27-Apr-21		45	\$898,546																													
P238P010	Supply End Can Procurement - A	07-Oct-19 A	20-Dec-19 A	24-Sep-19	30-Sep-19	100%	0	\$17,952	Matt Howell																												
P238P010b	Supply End Can Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$92,058	Matt Howell																												
P238P010c	Supply End Can Procurement - C	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$139,265	Matt Howell																												
P238P015	Vendor Effort Fabrication of Supply End Cans - Receipt of Majority of Raw Materials and Start of Fabrication	02-Mar-20 A	30-Mar-20 A	06-Jan-20	06-Apr-20	100%	0	\$0	Matt Howell																												
P238P025	Vendor Effort Fabrication of Supply End Can JT Bellows	02-Mar-20 A	27-May-20 A	06-Jan-20	27-May-20	100%	0	\$0	Matt Howell																												
P238P020	Accept Vendor Effort Fabrication of Supply End Cans - Receipt of Majority of Raw Materials and Start of Fabrication	31-Mar-20 A	31-Mar-20 A	07-Apr-20	07-Apr-20	100%	0	\$197,967	Matt Howell																												
P238P035	Vendor Effort Fabrication of Supply End Cans - Completion of Machined, Laser Cut, formed components and Sirt of Welding	01-Apr-20 A	01-Jun-20 A	08-Apr-20	02-Jul-20	100%	0	\$0	Matt Howell																												
P238P030	Accept Vendor Effort Fabrication of Supply End Can JT Bellows	28-May-20 A	28-May-20 A	28-May-20	28-May-20	100%	0	\$11,764	Matt Howell																												
P238P040	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Machined, Laser Cut, formed components	01-Jun-20 A	01-Jun-20 A	06-Jul-20	06-Jul-20	100%	0	\$52,370	Matt Howell																												
P238P105	Vendor Effort Fabrication of ASME Code Compliant	01-Jun-20 A	15-Jul-20 A	28-May-20	10-Aug-20	100%	0	\$0	Matt Howell																												
P238P045	Vendor Effort Fabrication of Supply End Cans - Completion of Set #1 Supply End Can	01-Jul-20 A	23-Feb-21 A	07-Jul-20	18-Aug-20	100%	0	\$0	Matt Howell																												
P238P055	Vendor Effort Fabrication of Supply End Cans - Completion of Set #2 Supply End Can	01-Jul-20 A	24-Feb-21 A	20-Aug-20	16-Sep-20	100%	0	\$0	Matt Howell																												
P238P065	Vendor Effort Fabrication of Supply End Cans - Completion of Set #3 Supply End Can	01-Jul-20 A	20-Apr-21 A	18-Sep-20	12-Oct-20	100%	0	\$0	Matt Howell																												
P238P075	Vendor Effort Fabrication of Supply End Cans - Completion of Set #4 Supply End Can	01-Jul-20 A	21-Jun-21	14-Oct-20	30-Nov-20	0%	15	\$0	Matt Howell																												
P238P085	Vendor Effort Fabrication of Supply End Cans - Completion of Set #5 & #6 Supply End Can	01-Jul-20 A	18-Jun-21	02-Dec-20	17-Dec-20	0%	14	\$0	Matt Howell																												
P238P095	Vendor Effort Fabrication of Supply End Cans - Completion of Set #7 Supply End Can	01-Jul-20 A	02-Aug-21	04-Jan-21	21-Jan-21	0%	44	\$0	Matt Howell																												
P238P110	Accept Vendor Effort Fabrication of ASME Code Compliant	15-Jul-20 A	15-Jul-20 A	11-Aug-20	11-Aug-20	100%	0	\$36,593	Matt Howell																												
P238P115	Adjustment for October Rate Change BCR	01-Dec-20 A	01-Dec-20 A	01-Dec-20	01-Dec-20	100%	0	\$19	Matt Howell																												
P238P050	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Set #1 Supply End Can	24-Feb-21 A	24-Feb-21 A	19-Aug-20	19-Aug-20	100%	0	\$53,254	Matt Howell																												
P238P060	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Set #2 Supply End Can	25-Feb-21 A	20-Apr-21 A	17-Sep-20	17-Sep-20	100%	0	\$56,378	Matt Howell																												
P238P120	Accept Vendor Effort for Incentive Supply End Can Set 1	01-Apr-21 A	01-Apr-21 A	01-Apr-21	01-Apr-21	100%	0	\$10,887	Matt Howell																												
P238P125	Vendor Effort for Incentive Supply End Can Set 2	05-Apr-21 A	19-Apr-21 A	05-Apr-21	09-Apr-21	100%	0	\$0	Matt Howell																												
P238P135	Vendor Effort for Incentive Supply End Can Set 3	05-Apr-21 A	20-Apr-21 A	05-Apr-21	09-Apr-21	100%	0	\$0	Matt Howell																												
P238P130	Accept Vendor Effort for Incentive Supply End Can Set 2	20-Apr-21 A	20-Apr-21 A	12-Apr-21	12-Apr-21	100%	0	\$6,532	Matt Howell																												
P238P070	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Set #3 Supply End Can	21-Apr-21 A	21-Apr-21 A	13-Oct-20	13-Oct-20	100%	0	\$56,695	Matt Howell																												
P238P140	Accept Vendor Effort for Incentive Supply End Can Set 3	21-Apr-21 A	21-Apr-21 A	12-Apr-21	12-Apr-21	100%	0	\$6,532	Matt Howell																												
P238P145	Vendor Effort for Incentive Supply End Can Set 4	01-Jun-21	07-Jun-21	13-Apr-21	19-Apr-21	0%	5	\$0	Matt Howell																												
P238P150	Accept Vendor Effort for Incentive Supply End Can Set 4	08-Jun-21	08-Jun-21	20-Apr-21	20-Apr-21	0%	1	\$6,532	Matt Howell																												
P238P155	Vendor Effort for Incentive Supply End Can Set 5	08-Jun-21	14-Jun-21	20-Apr-21	26-Apr-21	0%	5	\$0	Matt Howell																												

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P238P165	Vendor Effort for Incentive Supply End Can Set 6	08-Jun-21	14-Jun-21	20-Apr-21	26-Apr-21	0%	5	\$0	Matt Howell															
P238P160	Accept Vendor Effort for Incentive Supply End Can Set 5	15-Jun-21	15-Jun-21	27-Apr-21	27-Apr-21	0%	1	\$6,532	Matt Howell															
P238P170	Accept Vendor Effort for Incentive Supply End Can Set 6	15-Jun-21	15-Jun-21	27-Apr-21	27-Apr-21	0%	1	\$6,532	Matt Howell															
P238P090	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Set #5 & #6 Supply End Can	21-Jun-21	21-Jun-21	18-Dec-20	18-Dec-20	0%	1	\$55,913	Matt Howell															
P238P080	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Set #4 Supply End Can	22-Jun-21	22-Jun-21	01-Dec-20	01-Dec-20	0%	1	\$55,913	Matt Howell															
P238P100	Accept Vendor Effort Fabrication of Supply End Cans - Completion of Set #7 Supply End Can	03-Aug-21	03-Aug-21	22-Jan-21	22-Jan-21	0%	1	\$28,857	Matt Howell															
P.10.02.07.03.09 Return End Can Procurement		03-Sep-19 A	31-Aug-21	03-Sep-19	06-Aug-21		65	\$1,550,584																
P239P010	Return End Can Procurement - A	03-Sep-19 A	20-Dec-19 A	03-Sep-19	30-Sep-19	100%	0	\$91,268	Matt Howell															
P239P010b	Return End Can Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$119,693	Matt Howell															
P239P010c	Return End Can Procurement - C	20-Dec-19 A	20-Dec-19 A	01-Nov-19	27-Nov-19	100%	0	\$97,079	Matt Howell															
P239P010d	Return End Can Procurement - D	20-Dec-19 A	20-Dec-19 A	02-Dec-19	20-Dec-19	100%	0	\$81,773	Matt Howell															
P239P015	Vendor Fabrication of Return End Can Heat Exchangers	06-Jan-20 A	21-Jul-20 A	06-Jan-20	18-May-20	100%	0	\$0	Matt Howell															
P239P035	Vendor Fabrication of Return End Cans - Receipt of Majority of Raw Materials and Start of Fabrication	02-Mar-20 A	30-Mar-20 A	06-Jan-20	06-Apr-20	100%	0	\$0	Matt Howell															
P239P045	Vendor Effort Fabrication of Return End Can JT Bellows	02-Mar-20 A	30-Apr-20 A	06-Jan-20	27-May-20	100%	0	\$0	Matt Howell															
P239P040	Accept Vendor Fabrication of Return End Cans - Receipt of Majority of Raw Materials and Start of Fabrication	31-Mar-20 A	31-Mar-20 A	07-Apr-20	07-Apr-20	100%	0	\$215,379	Matt Howell															
P239P055	Vendor Effort Fabrication of Return End Cans - Completion of Machined, Laser Cut, formed components	01-Apr-20 A	01-Jun-20 A	08-Apr-20	07-Jul-20	100%	0	\$0	Matt Howell															
P239P050	Accept Vendor Effort Fabrication of Return End Can JT Bellows	30-Apr-20 A	30-Apr-20 A	28-May-20	28-May-20	100%	0	\$3,274	Matt Howell															
P239P060	Accept Vendor Effort Fabrication of Return End Cans - Completion of Machined, Laser Cut, formed components	02-Jun-20 A	02-Jun-20 A	08-Jul-20	08-Jul-20	100%	0	\$58,137	Matt Howell															
P239P120	Adjustment activity for award and receive of Inspection of Inner Bellows (MOD 1) in May	15-Jun-20 A	15-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	\$2,211	Matt Howell															
P239P025	Vendor Effort Fabrication of Return End Cans - Completion of Set #1 Return End Can	01-Jul-20 A	23-Feb-21 A	08-Jul-20	18-Aug-20	100%	0	\$0	Matt Howell															
P239P065	Vendor Effort Fabrication of Return End Cans - Completion of Set #2 Return End Can	01-Jul-20 A	24-Feb-21 A	20-Aug-20	16-Sep-20	100%	0	\$0	Matt Howell															
P239P075	Vendor Effort Fabrication of Return End Cans - Completion of Set #3 Return End Can	01-Jul-20 A	21-Jun-21	18-Sep-20	12-Oct-20	0%	15	\$0	Matt Howell															
P239P085	Vendor Effort Fabrication of Return End Cans - Completion of Set #4 Return End Can	01-Jul-20 A	19-Jul-21	14-Oct-20	30-Nov-20	0%	34	\$0	Matt Howell															
P239P095	Vendor Effort Fabrication of Return End Cans - Completion of Set #5 & #6 Return End Can	01-Jul-20 A	16-Aug-21	02-Dec-20	17-Dec-20	0%	54	\$0	Matt Howell															
P239P110	Vendor Effort Fabrication of Return End Cans - Completion of Set #7 Return End Can	01-Jul-20 A	30-Aug-21	04-Jan-21	25-Jan-21	0%	64	\$0	Matt Howell															
P239P125	Vendor Effort Fabrication of Return End Cans - Receiving and Inspection of the seven (7) Heat Exchangers	01-Jul-20 A	25-Sep-20 A	29-May-20	30-Jun-20	100%	0	\$0	Matt Howell															
P239P135	Vendor Fabrication of Return End Can ASME Code Compliant	01-Jul-20 A	15-Jul-20 A	19-May-20	11-Aug-20	100%	0	\$0	Matt Howell															
P239P140	ACCEPT: Vendor Fabrication of Return End Can ASME Code Compliant	15-Jul-20 A	15-Jul-20 A	12-Aug-20	12-Aug-20	100%	0	\$49,187	Matt Howell															
P239P020	Accept Vendor Fabrication of Return End Can Heat Exchangers	22-Jul-20 A	22-Jul-20 A	19-May-20	19-May-20	100%	0	\$398,211	Matt Howell															
P239P130	Accept Vendor Effort Fabrication of Return End Cans - Receiving and Inspection of the seven (7) Heat Exchangers	28-Sep-20 A	28-Sep-20 A	01-Jul-20	01-Jul-20	100%	0	\$26,604	Matt Howell															
P239P145	Vendor Effort Return End Can Extended Testing on Five Heat Exchangers and Weld Repair on Two Heat Exchangers	01-Dec-20 A	08-Dec-20 A	02-Nov-20	08-Dec-20	100%	0	\$0	Matt Howell															
P239P155	Adjustment for October Rate Change BCR	02-Dec-20 A	02-Dec-20 A	02-Dec-20	02-Dec-20	100%	0	\$12	Matt Howell															
P239P150	Accept: Vendor Effort Return End Can Extended Testing on Five Heat Exchangers and Weld Repair on Two Heat Exchangers	09-Dec-20 A	09-Dec-20 A	09-Dec-20	09-Dec-20	100%	0	\$20,120	Matt Howell															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P239P030	Accept Vendor Effort Fabrication of Return End Cans - Completion of Set #1 Return End Can	23-Feb-21 A	15-Jun-21	19-Aug-20	19-Aug-20	66.67%	11	\$55,268	Matt Howell															
P239P070	Accept Vendor Effort Fabrication of Return End Cans - Completion of Set #2 Return End Can	25-Feb-21 A	25-Jun-21	17-Sep-20	17-Sep-20	66.67%	19	\$60,380	Matt Howell															
P239P160	Accept Vendor Effort for Incentive Return End Can Set 1	01-Jun-21*	01-Jun-21	01-Apr-21	01-Apr-21	0%	1	\$10,887	Matt Howell															
P239P255	Vendor Effort for Return End Can Surge Tank Pressure Tap Line	01-Jun-21	05-Aug-21	04-May-21	05-Aug-21	0%	47	\$0	Matt Howell															
P239P165	Vendor Effort for Incentive Return End Can Set 2	02-Jun-21	10-Jun-21	05-Apr-21	30-Apr-21	0%	7	\$0	Matt Howell															
P239P170	Accept Vendor Effort for Incentive Return End Can Set 2	11-Jun-21	11-Jun-21	03-May-21	03-May-21	0%	1	\$6,532	Matt Howell															
P239P175	Vendor Effort for Incentive Return End Can Set 3	14-Jun-21	09-Jul-21	04-May-21	28-May-21	0%	19	\$0	Matt Howell															
P239P080	Accept Vendor Effort Fabrication of Return End Cans - Completion of Set #3 Return End Can	22-Jun-21	22-Jun-21	13-Oct-20	13-Oct-20	0%	1	\$61,013	Matt Howell															
P239P200	Accept Vendor Effort for Incentive Return End Can Set 3	12-Jul-21	12-Jul-21	01-Jun-21	01-Jun-21	0%	1	\$6,532	Matt Howell															
P239P180	Vendor Effort for Incentive Return End Can Set 4	13-Jul-21	05-Aug-21	02-Jun-21	25-Jun-21	0%	18	\$0	Matt Howell															
P239P090	Accept Vendor Effort Fabrication of Return End Cans - Completion of Set #4 Return End Can	20-Jul-21	20-Jul-21	01-Dec-20	01-Dec-20	0%	1	\$59,451	Matt Howell															
P239P185	Accept Vendor Effort for Incentive Return End Can Set 4	06-Aug-21	06-Aug-21	28-Jun-21	28-Jun-21	0%	1	\$6,532	Matt Howell															
P239P190	Vendor Effort for Incentive Return End Can Set 5	06-Aug-21	17-Aug-21	28-Jun-21	23-Jul-21	0%	8	\$0	Matt Howell															
P239P205	Vendor Effort for Incentive Return End Can Set 6	06-Aug-21	16-Aug-21	28-Jun-21	23-Jul-21	0%	7	\$0	Matt Howell															
P239P260	Accept Return End Can Surge Tank Pressure Tap Line	06-Aug-21	06-Aug-21	06-Aug-21	06-Aug-21	0%	1	\$16,298	Matt Howell															
P239P100	Accept Vendor Effort Fabrication of Return End Cans - Completion of Set #5 & #6 Return End Can	17-Aug-21	17-Aug-21	18-Dec-20	18-Dec-20	0%	1	\$59,451	Matt Howell															
P239P210	Accept Vendor Effort for Incentive Return End Can Set 6	17-Aug-21	17-Aug-21	26-Jul-21	26-Jul-21	0%	1	\$6,532	Matt Howell															
P239P195	Accept Vendor Effort for Incentive Return End Can Set 5	18-Aug-21	18-Aug-21	26-Jul-21	26-Jul-21	0%	1	\$6,532	Matt Howell															
P239P115	Accept Vendor Effort Fabrication of Return End Cans - Completion of Set #7 Return End Can	31-Aug-21	31-Aug-21	26-Jan-21	26-Jan-21	0%	1	\$32,228	Matt Howell															
P.10.02.07.03.10 Instrumentation Procurement		04-Nov-19 A	10-Dec-20 A	24-Sep-19	10-Dec-20		0	\$645,258																
P2310P010	Instrumentation Procurement - A	04-Nov-19 A	11-Nov-19 A	24-Sep-19	30-Sep-19	100%	0	\$8,281	Matt Howell															
P2310P010b	Instrumentation Procurement - B	11-Nov-19 A	05-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$43,805	Matt Howell															
P2310P010c	Instrumentation Procurement - C	06-Dec-19 A	17-Dec-19 A	01-Nov-19	27-Nov-19	100%	0	\$58,560	Matt Howell															
P2310P010d	Instrumentation Procurement - D	18-Dec-19 A	20-Dec-19 A	02-Dec-19	20-Dec-19	100%	0	\$44,476	Matt Howell															
P2310P015	Vendor Effort Fabrication of Instrumentation (First Group)	06-Jan-20 A	07-Jan-20 A	06-Jan-20	12-Feb-20	100%	0	\$0	Matt Howell															
P2310P020	Accept Vendor Effort Fabrication of Instrumentation (First Group)	08-Jan-20 A	12-Feb-20 A	13-Feb-20	13-Feb-20	100%	0	\$345,578	Matt Howell															
P2310P20	Vendor Effort Fabrication of Instrumentation Feed Thru Flange Weldment	02-Mar-20 A	28-May-20 A	13-Feb-20	28-May-20	100%	0	\$0	Matt Howell															
P2310P030	Vendor Effort Fabrication of Instrumentation Vacuum Feedthroughs	02-Mar-20 A	15-May-20 A	14-Feb-20	16-Mar-20	100%	0	\$0	Matt Howell															
P2310P040	Adjustment for Jlab February Labor	17-Mar-20 A	17-Mar-20 A	17-Mar-20	17-Mar-20	100%	0	\$518	Matt Howell															
P2310P045	Vendor Effort Fabrication of Thermocouple Probe Procurement	07-Apr-20 A	27-May-20 A	29-May-20	04-Jun-20	100%	0	\$0	Matt Howell															
P2310P035	Accept Vendor Effort Fabrication of Instrumentation Vacuum Feedthroughs	16-May-20 A	16-May-20 A	17-Mar-20	17-Mar-20	100%	0	\$15,496	Matt Howell															
P2310P050	Accept Vendor Effort Fabrication of Thermocouple Probe Procurement	28-May-20 A	28-May-20 A	05-Jun-20	05-Jun-20	100%	0	\$2,342	Matt Howell															
P2310P25	Accept Vendor Effort Fabrication of Instrumentation Feed Thr Flange Wledment	29-May-20 A	29-May-20 A	29-May-20	29-May-20	100%	0	\$69,810	Matt Howell															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY																															
										FY2016		FY2017		FY2018		FY2019		FY2020		FY2021		FY2022		FY2023		FY2024		FY2025		FY2026		FY2027		FY2028		29					
P2311P080	Accept Vendor Effort Warm to Cold Beam Tube Support	30-Apr-20 A	30-Apr-20 A	19-May-20	19-May-20	100%	0	\$46,753	Matt Howell																																
P2311P150	Accept Vendor Spaceframe Temp Pump Drop Support	01-May-20 A	01-May-20 A	29-May-20	29-May-20	100%	0	\$3,709	Matt Howell																																
P2311P155	Vendor Fabrication of End Can Support Tooling	01-May-20 A	30-Jun-20 A	01-Jun-20	24-Jul-20	100%	0	\$0	Matt Howell																																
P2311P100	ACCEPT: Vendor Fabrication of Misc. Tooling Required for Cryomodule builds (Test Cave Transfer Line Material)	29-May-20 A	29-May-20 A	22-Jul-20	22-Jul-20	100%	0	\$40,062	Matt Howell																																
P2311P140	Accept CR Bellows installation and support tooling	29-May-20 A	29-May-20 A	10-Jun-20	10-Jun-20	100%	0	\$30,021	Matt Howell																																
P2311P160	ACCEPT: Vendor Fabrication of End Can Support Tooling	01-Jun-20 A	01-Jun-20 A	27-Jul-20	27-Jul-20	100%	0	\$52,374	Matt Howell																																
P2311P180	Vendor Fabrication of Misc. Tooling Required for Cryomodule builds (HV Saddle/Bridge)	01-Jun-20 A	08-Jun-20 A	20-May-20	08-Jun-20	100%	0	\$0	Matt Howell																																
P2311P175	Adjustment for May Labor	01-Jun-20 A	01-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	\$695	Matt Howell																																
P2311P185	ACCEPT: Vendor Fabrication of Misc. Tooling Required for Cryomodule builds (HV Saddle/Bridge)	09-Jun-20 A	09-Jun-20 A	09-Jun-20	09-Jun-20	100%	0	\$2,081	Matt Howell																																
P2311P110	Accept Vendor Modification to Misc. Clean Room Tooling	01-Apr-21 A	01-Jun-21	04-Jun-20	04-Jun-20	90%	1	\$20,179	Matt Howell																																
P.10.02.07.03.13 Magnetic Shielding Procurement		04-Nov-19 A	04-Aug-20 A	24-Sep-19	30-Jun-20		0	\$431,371																																	
P2313P010	Magnetic Shielding Procurement - A	04-Nov-19 A	08-Nov-19 A	24-Sep-19	30-Sep-19	100%	0	\$9,042	Matt Howell																																
P2313P010b	Magnetic Shielding Procurement - B	08-Nov-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$47,803	Matt Howell																																
P2313P010c	Magnetic Shielding Procurement - C	20-Dec-19 A	20-Dec-19 A	01-Nov-19	27-Nov-19	100%	0	\$47,593	Matt Howell																																
P2313P010d	Magnetic Shielding Procurement - D	20-Dec-19 A	20-Dec-19 A	02-Dec-19	20-Dec-19	100%	0	\$37,639	Matt Howell																																
P2313P015	Vendor Effort Fab of Magnetic Shielding Existing Parts Inspection & Mod	06-Jan-20 A	02-Mar-20 A	06-Jan-20	13-Feb-20	100%	0	\$0	Matt Howell																																
P2313P020	Accept Vendor Effort Fab of Magnetic Shielding Existing Parts Inspection & Mod	02-Mar-20 A	02-Mar-20 A	14-Feb-20	14-Feb-20	100%	0	\$21,712	Matt Howell																																
P2313P025	Vendor Fabrication of Magnetic Shielding	01-May-20 A	04-Aug-20 A	17-Feb-20	29-Jun-20	100%	0	\$0	Matt Howell																																
P2313P030	Accept Vendor Fabrication of Magnetic Shielding	04-Aug-20 A	04-Aug-20 A	30-Jun-20	30-Jun-20	100%	0	\$267,581	Matt Howell																																
P.10.02.07.03.15 Cleanroom String Assembly Procurement		02-Dec-19 A	17-May-21 A	24-Sep-19	07-Dec-20		0	\$1,165,834																																	
P2315P010	Cleanroom String Assembly Procurement - A	02-Dec-19 A	20-Dec-19 A	24-Sep-19	30-Sep-19	100%	0	\$9,559	Matt Howell																																
P2315P010b	Cleanroom String Assembly Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$50,537	Matt Howell																																
P2315P010c	Cleanroom String Assembly Procurement - C	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$96,657	Matt Howell																																
P2315P015	Vendor Effort Fabrication Titan 40 L/s ion pump	15-Jan-20 A	03-Feb-20 A	06-Jan-20	15-Jan-20	100%	0	\$0	Matt Howell																																
P2315P020	Accept Vendor Effort Fabrication Titan 40 L/s ion pump	03-Feb-20 A	03-Feb-20 A	16-Jan-20	16-Jan-20	100%	0	\$26,597	Matt Howell																																
P2315P025	Vendor Effort Fabrication of Gate valves VAT 482XX	03-Feb-20 A	28-Feb-20 A	06-Jan-20	24-Feb-20	100%	0	\$0	Matt Howell																																
P2315P035	Vendor Fabrication of Beamline Bellows	03-Feb-20 A	01-Apr-20 A	06-Jan-20	11-Mar-20	100%	0	\$0	Matt Howell																																
P2315P045	Vendor Fabrication of Supply and Return Warm to Cold Beamline Weldments	03-Feb-20 A	28-Oct-20 A	06-Jan-20	28-May-20	100%	0	\$0	Matt Howell																																
P2315P055	Accept Fabrication of Warm to Cold Beamline Bellows Restraints	03-Feb-20 A	28-Oct-20 A	06-Jan-20	29-May-20	100%	0	\$0	Matt Howell																																
P2315P065	Vendor Fabrication of VAT Right Angle Valve (Supply End)	03-Feb-20 A	27-Feb-20 A	06-Jan-20	20-Apr-20	100%	0	\$0	Matt Howell																																
P2315P090	Additional Vendor Effort Fabrication Titan 40 L/s ion pump	03-Feb-20 A	30-Apr-20 A	17-Jan-20	17-Apr-20	100%	0	\$0	Matt Howell																																
P2315P100	Vendor Fabrication of Cleanroom String Assembly Hardware	03-Feb-20 A	01-Jul-20 A	13-Mar-20	15-Jun-20	100%	0	\$0	Matt Howell																																
P2315P95	Adjustment to move ion pump Receipt out	03-Feb-20 A	03-Feb-20 A	03-Feb-20	03-Feb-20	100%	0	(\$26,597)	Matt Howell																																

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Year Schedule																												
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Z9															
P2315P075	Accept Fabrication of VAT Right Angle Valve (Supply End)	27-Feb-20 A	27-Feb-20 A	21-Apr-20	21-Apr-20	100%	0	\$10,649	Matt Howell																													
P2315P115	Vendor Fabrication of Cleanroom Assembly Weldments	02-Mar-20 A	19-Jun-20 A	03-Mar-20	03-Mar-20	100%	0	\$0	Matt Howell																													
P2315P110	Adjustment for Vendor Effort Fabrication of Gate valves VAT 482XX award	02-Mar-20 A	02-Mar-20 A	02-Mar-20	02-Mar-20	100%	0	(\$37,411)	Matt Howell																													
P2315P030	Accept Vendor Effort Fabrication of Gate valves VAT 482XX	01-Apr-20 A	01-Apr-20 A	25-Feb-20	25-Feb-20	100%	0	\$96,673	Matt Howell																													
P2315P040	Accept Fabrication of Beamline Bellows	01-Apr-20 A	01-Apr-20 A	12-Mar-20	12-Mar-20	100%	0	\$79,181	Matt Howell																													
P2315P125	Vendor Effort Fabrication of Gate valves VAT 482XX First Delivery (Qty. 7)	02-Apr-20 A	03-Aug-20 A	03-Mar-20	11-Aug-20	100%	0	\$0	Matt Howell																													
P2315P155	Adjustment for Award of Beamline Bellows	03-Apr-20 A	03-Apr-20 A	01-Apr-20	01-Apr-20	100%	0	(\$57,189)	Matt Howell																													
P2315P160	Additional Vendor Fabrication of Beamline Bellows	06-Apr-20 A	02-Nov-20 A	02-Apr-20	27-May-20	100%	0	\$0	Matt Howell																													
P2315P095	Accept Additional Vendor Effort Fabrication Titan 40 L/s ion pump	30-Apr-20 A	30-Apr-20 A	20-Apr-20	20-Apr-20	100%	0	\$17,601	Matt Howell																													
P2315P080	Vendor Fabrication of SoftShut Valves (Line 1-5 valves)	01-May-20 A	05-Feb-21 A	01-Apr-20	07-Oct-20	100%	0	\$0	Matt Howell																													
P2315P170	Vendor Fabrication of SoftShut Valves (Line 2-8 valves)	01-May-20 A	08-Mar-21 A	01-Apr-20	09-Nov-20	100%	0	\$0	Matt Howell																													
P2315P180	Adjustment for Jlab April Labor	01-May-20 A	01-May-20 A	01-May-20	01-May-20	100%	0	(\$1,326)	Matt Howell																													
P2315P120	Accept Vendor Fabrication of Cleanroom Assembly Weldments	23-Jun-20 A	23-Jun-20 A	04-Mar-20	04-Mar-20	100%	0	\$12,073	Matt Howell																													
P2315P195	Adjustment for Additional Fabrication of Cleanroom String Assembly Hardware	01-Jul-20 A	01-Jul-20 A	01-Jul-20	01-Jul-20	100%	0	(\$16,114)	Matt Howell																													
P2315P105	Accept Vendor Fabrication of Cleanroom String Assembly Hardware	02-Jul-20 A	02-Jul-20 A	16-Jun-20	16-Jun-20	100%	0	\$16,416	Matt Howell																													
P2315P185	Additional Vendor Fabrication of Cleanroom String Assembly Hardware	06-Jul-20 A	31-Aug-20 A	17-Jun-20	11-Aug-20	100%	0	\$0	Matt Howell																													
P2315P130	Accept Vendor Effort Fabrication of Gate valves VAT 482XX First Delivery (Qty. 7)	03-Aug-20 A	03-Aug-20 A	12-Aug-20	12-Aug-20	100%	0	\$199,039	Matt Howell																													
P2315P135	Vendor Effort Fabrication of Gate valves VAT 482XX Second Delivery (Qty. 7)	03-Aug-20 A	21-Sep-20 A	13-Aug-20	12-Nov-20	100%	0	\$0	Matt Howell																													
P2315P145	Vendor Effort Fabrication of Gate valves VAT 482XX Third Delivery (Qty. 2)	03-Aug-20 A	22-Sep-20 A	13-Aug-20	12-Nov-20	100%	0	\$0	Matt Howell																													
P2315P190	Accept Additional Vendor Fabrication of Cleanroom String Assembly Hardware	31-Aug-20 A	31-Aug-20 A	12-Aug-20	12-Aug-20	100%	0	\$40,860	Matt Howell																													
P2315P140	Accept Vendor Effort Fabrication of Gate valves VAT 482XX Second Delivery (Qty. 7)	22-Sep-20 A	22-Sep-20 A	13-Nov-20	13-Nov-20	100%	0	\$193,488	Matt Howell																													
P2315P150	Accept Vendor Effort Fabrication of Gate valves VAT 482XX Third Delivery (Qty. 2) Including All Shipping Costs	23-Sep-20 A	04-Nov-20 A	13-Nov-20	13-Nov-20	100%	0	\$53,634	Matt Howell																													
P2315P050	Accept Vendor Fabrication of Supply and Return Warm to Cold Beamline Weldments	28-Oct-20 A	28-Oct-20 A	29-May-20	29-May-20	100%	0	\$50,431	Matt Howell																													
P2315P060	Accept Fabrication of Warm to Cold Beamline Bellows Restraints	29-Oct-20 A	29-Oct-20 A	01-Jun-20	01-Jun-20	100%	0	\$23,394	Matt Howell																													
P2315P165	Accept additional Fabrication of Beamline Bellows	03-Nov-20 A	03-Nov-20 A	28-May-20	28-May-20	100%	0	\$52,721	Matt Howell																													
P2315P200	Adjustment for October Rate Change BCR	07-Dec-20 A	07-Dec-20 A	07-Dec-20	07-Dec-20	100%	0	\$5,253	Matt Howell																													
P2315P085	Accept Fabrication of SoftShut Valves (Line 1-5 valves)	08-Feb-21 A	08-Feb-21 A	08-Oct-20	08-Oct-20	100%	0	\$68,776	Matt Howell																													
P2315P175	Accept Fabrication of SoftShut Valves (Line 2-8 valves)	09-Mar-21 A	17-May-21 A	10-Nov-20	10-Nov-20	100%	0	\$200,934	Matt Howell																													
P.10.02.07.03.16 Cold Mass Assembly Procurement		11-Nov-19 A	25-Jan-21 A	24-Sep-19	25-Sep-20	0	0	\$380,241																														
P2316P010	Cold Mass Assembly Procurement - A	11-Nov-19 A	20-Dec-19 A	24-Sep-19	30-Sep-19	100%	0	\$4,345	Matt Howell																													
P2316P010b	Cold Mass Assembly Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$23,846	Matt Howell																													
P2316P010c	Cold Mass Assembly Procurement - C	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$39,406	Matt Howell																													
P2316P015	Vendor Fabrication of Large FPC/Tophat Bellows	06-Jan-20 A	03-Sep-20 A	06-Jan-20	03-Jun-20	100%	0	\$0	Matt Howell																													

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P2316P025	Vendor Fabrication of Helium Outlet Bellows	03-Feb-20 A	22-Jun-20 A	06-Jan-20	14-May-20	100%	0	\$0	Matt Howell															
P2316P035	Vendor Fabrication of Cold Mass Assembly Hardware	03-Feb-20 A	25-Sep-20 A	01-Apr-20	04-Aug-20	100%	0	\$0	Matt Howell															
P2316P045	Vendor Fabrication of Cold Mass Assembly Machined Parts	03-Feb-20 A	25-Jan-21 A	01-Apr-20	15-Jul-20	100%	0	\$0	Matt Howell															
P2316P055	Vendor Fabrication of Cavity String Corrugated Hose Assemblies	02-Mar-20 A	01-May-20 A	02-Mar-20	31-Mar-20	100%	0	\$0	Matt Howell															
P2316P060	Accept Vendor Fabrication of Cavity String Corrugated Hose Assemblies	01-May-20 A	01-May-20 A	01-Apr-20	01-Apr-20	100%	0	\$67,899	Matt Howell															
P2316P030	Accept Vendor Fabrication of Helium Outlet Bellows	23-Jun-20 A	23-Jun-20 A	15-May-20	15-May-20	100%	0	\$46,588	Matt Howell															
P2316P065	Adjustment for Cold Mass Assembly Hardware kits	01-Sep-20 A	01-Sep-20 A	01-Sep-20	01-Sep-20	100%	0	(\$5,371)	Matt Howell															
P2316P070	Additional Fabrication of Cold Mass Assembly Hardware (Hardware kits)	02-Sep-20 A	25-Sep-20 A	02-Sep-20	24-Sep-20	100%	0	\$0	Matt Howell															
P2316P020	Accept Vendor Fabrication of Large FPC/Tophat Bellows	04-Sep-20 A	04-Sep-20 A	04-Jun-20	04-Jun-20	100%	0	\$118,369	Matt Howell															
P2316P70	Accept Additional Fabrication of Cold Mass Assembly Hardware (Hardware kits)	25-Sep-20 A	25-Sep-20 A	25-Sep-20	25-Sep-20	100%	0	\$9,833	Matt Howell															
P2316P040	Accept Vendor Fabrication of Cold Mass Assembly Hardware	28-Sep-20 A	28-Sep-20 A	05-Aug-20	05-Aug-20	100%	0	\$5,371	Matt Howell															
P2316P050	Accept Vendor Fabrication of Cold Mass Assembly Machined Parts	25-Jan-21 A	25-Jan-21 A	16-Jul-20	16-Jul-20	100%	0	\$69,954	Matt Howell															
P.10.02.07.03.18 Final Cryomodule Assembly Procurement		04-Nov-19 A	30-Jul-21	01-Oct-19	02-Mar-22		43	\$675,360																
P2318P010	Final Cryomodule Assembly Procurement - A	04-Nov-19 A	20-Dec-19 A	01-Oct-19	31-Oct-19	100%	0	\$33,661	Matt Howell															
P2318P010b	Final Cryomodule Assembly Procurement - B	20-Dec-19 A	20-Dec-19 A	01-Nov-19	20-Dec-19	100%	0	\$55,253	Matt Howell															
P2318P015	Vendor Fabrication of Flange NW250 + feedthrough flange weld	06-Jan-20 A	08-Jul-20 A	06-Jan-20	22-Jan-20	100%	0	\$0	Matt Howell															
P2318P025	Vendor Fabrication of Pressure Relief Plates and Rupture Disks	06-Jan-20 A	03-Feb-20 A	06-Jan-20	22-Jan-20	100%	0	\$0	Matt Howell															
P2318P035	Vendor Fabrication of Surge Tank	06-Jan-20 A	05-Aug-20 A	06-Jan-20	22-Jan-20	100%	0	\$0	Matt Howell															
P2318P045	Vendor Fabrication of Tophats	06-Jan-20 A	02-Mar-20 A	06-Jan-20	19-Feb-20	100%	0	\$0	Matt Howell															
P2318P055	Vendor Fabrication of Flange Bank Assy	06-Jan-20 A	16-Jul-20 A	06-Jan-20	05-Mar-20	100%	0	\$0	Matt Howell															
P2318P065	Vendor Fabrication of Gate Valve MDC303006-133	06-Jan-20 A	23-Jun-20 A	06-Jan-20	14-May-20	100%	0	\$0	Matt Howell															
P2318P030	Accept Vendor Fabrication of Pressure Relief Plates and Rupture Disks	03-Feb-20 A	03-Feb-20 A	23-Jan-20	23-Jan-20	100%	0	\$39,165	Matt Howell															
P2318P080	Additional Vendor Fabrication of 6in Pressure Relief Plates	03-Feb-20 A	05-May-20 A	04-Feb-20	24-Feb-20	100%	0	\$0	Matt Howell															
P2318P090	Vendor Fabrication of Rupture Disks	03-Feb-20 A	30-Apr-20 A	26-Feb-20	11-May-20	100%	0	\$0	Matt Howell															
P2318P075	Adjustment to move Relief Plates and Rupture Disks Out	03-Feb-20 A	03-Feb-20 A	03-Feb-20	03-Feb-20	100%	0	(\$39,165)	Matt Howell															
P2318P050	Accept Vendor Fabrication of Tophats	20-Feb-20 A	20-Feb-20 A	20-Feb-20	20-Feb-20	100%	0	\$69,649	Matt Howell															
P2318P105	Adjustment for award of Tophats	02-Mar-20 A	02-Mar-20 A	02-Mar-20	02-Mar-20	100%	0	(\$63,754)	Matt Howell															
P2318P110	Additional Vendor Fabrication of Tophats	04-Mar-20 A	27-Apr-20 A	03-Mar-20	09-Apr-20	100%	0	\$0	Matt Howell															
P2318P120	Vendor Effort Fabrication of JT Valves and Actuators Raw Materials	01-Apr-20 A	29-Sep-20 A	14-Apr-20	30-Sep-20	100%	0	\$0	Matt Howell															
P2318P115	Accept Additional Vendor Fabrication of Tophats	27-Apr-20 A	27-Apr-20 A	13-Apr-20	13-Apr-20	100%	0	\$45,812	Matt Howell															
P2318P095	Accept Vendor Fabrication of Rupture Disks	04-May-20 A	04-May-20 A	12-May-20	12-May-20	100%	0	\$17,740	Matt Howell															
P2318P085	Accept Additional Vendor Fabrication of 6in Pressure Relief Plates	05-May-20 A	05-May-20 A	25-Feb-20	25-Feb-20	100%	0	\$20,779	Matt Howell															
P2318P210	Vendor Effort Fabrication of CM Rupture Disk Spool Assemblies Requisition	15-May-20 A	27-Jul-20 A	15-May-20	13-Jul-20	100%	0	\$0	Matt Howell															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P2318P200	Vendor Effort Fabrication of Coupler Return Piping	18-May-20 A	02-Sep-20 A	18-May-20	10-Jul-20	100%	0	\$0	Matt Howell															
P2318P95	Vendor Fabrication 2in Pressure Relief Plates	26-May-20 A	27-May-21 A	26-Feb-20	20-Aug-20	100%	0	\$0	Matt Howell															
P2318P070	Accept Vendor Fabrication of Gate Valve MDC 303.006-133	24-Jun-20 A	24-Jun-20 A	15-May-20	15-May-20	100%	0	\$26,011	Matt Howell															
P2318P255	Adjustment for receive of MDC Gate Valve Hardware	01-Jul-20 A	01-Jul-20 A	01-Jul-20	01-Jul-20	100%	0	\$3,699	Matt Howell															
P2318P260	Vendor Fabrication of Final Cryomodule Assy Piping Kits	01-Jul-20 A	23-Feb-21 A	01-Jul-20	16-Sep-20	100%	0	\$0	Matt Howell															
P2318P020	Accept Vendor Fabrication of Flange NW250 + feedthrough flange weld	09-Jul-20 A	09-Jul-20 A	23-Jan-20	23-Jan-20	100%	0	\$38,912	Matt Howell															
P2318P240	Vendor Fabrication of 40L/s Ion Pump	14-Jul-20 A	21-Oct-20 A	14-Jul-20	31-Aug-20	100%	0	\$0	Matt Howell															
P2318P060	Accept Vendor Fabrication of Flange Bank Assy	17-Jul-20 A	17-Jul-20 A	06-Mar-20	06-Mar-20	100%	0	\$29,889	Matt Howell															
P2318P215	Accept Vendor Effort Fabrication of CM Rupture Disk Spool Assemblies Requisition	28-Jul-20 A	28-Jul-20 A	14-Jul-20	14-Jul-20	100%	0	\$16,526	Matt Howell															
P2318P040	Accept Vendor Fabrication of Surge Tank	05-Aug-20 A	05-Aug-20 A	23-Jan-20	23-Jan-20	100%	0	\$3,720	Matt Howell															
P2318P205	Accept Vendor Effort Fabrication of Coupler Return Piping	03-Sep-20 A	03-Sep-20 A	13-Jul-20	13-Jul-20	100%	0	\$20,179	Matt Howell															
P2318P220	Vendor Fabrication of Supply Warm Beamtube Assembly	10-Sep-20 A	28-Jan-21 A	14-Jul-20	31-Aug-20	100%	0	\$0	Matt Howell															
P2318P230	Vendor Fabrication of Return Warm Beamtube Assembly	10-Sep-20 A	28-Jan-21 A	14-Jul-20	31-Aug-20	100%	0	\$0	Matt Howell															
P2318P125	Accept Vendor Effort Fabrication of JT Valves and Actuators Raw Materials	30-Sep-20 A	30-Sep-20 A	01-Oct-20	01-Oct-20	100%	0	\$94,024	Matt Howell															
P2318P130	Fabricate CM#1 JT Valves (2) and actuators (3)	01-Oct-20 A	04-Dec-20 A	02-Oct-20	05-Mar-21	100%	0	\$0	Matt Howell															
P2318P245	ACCEPT: Vendor Fabrication of 40L/s Ion Pump	21-Oct-20 A	21-Oct-20 A	01-Sep-20	01-Sep-20	100%	0	\$24,719	Matt Howell															
P2318P135	Fabrication of CM#1 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	08-Mar-21	08-Mar-21	25%	43	\$8,873	Matt Howell															
P2318P140	Fabricate CM#2 JT Valves (2) and actuators (3)	01-Dec-20 A	04-Dec-20 A	09-Mar-21	17-May-21	100%	0	\$0	Matt Howell															
P2318P145	Fabrication of CM#2 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	18-May-21	18-May-21	25%	43	\$6,874	Matt Howell															
P2318P150	Fabricate CM#3 JT Valves (2) and actuators (3)	01-Dec-20 A	04-Dec-20 A	19-May-21	13-Jul-21	100%	0	\$0	Matt Howell															
P2318P155	Fabrication of CM#3 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	14-Jul-21	14-Jul-21	25%	43	\$8,809	Matt Howell															
P2318P160	Fabricate CM#4 JT Valves (2) and actuators (3)	01-Dec-20 A	04-Dec-20 A	15-Jul-21	01-Sep-21	100%	0	\$0	Matt Howell															
P2318P165	Fabrication of CM#4 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	02-Sep-21	02-Sep-21	25%	43	\$9,272	Matt Howell															
P2318P170	Fabricate CM#5 JT Valves (2) and actuators (3)	01-Dec-20 A	04-Dec-20 A	03-Sep-21	27-Oct-21	100%	0	\$0	Matt Howell															
P2318P175	Fabrication of CM#5 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	28-Oct-21	28-Oct-21	25%	43	\$4,326	Matt Howell															
P2318P180	Fabricate CM#6 JT Valves (2) and actuators (3)	01-Dec-20 A	04-Dec-20 A	29-Oct-21	04-Jan-22	100%	0	\$0	Matt Howell															
P2318P185	Fabrication of CM#6 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	05-Jan-22	05-Jan-22	25%	43	\$15,498	Matt Howell															
P2318P190	Fabricate CM#7 JT Valves (2) and actuators (3)	01-Dec-20 A	04-Dec-20 A	06-Jan-22	01-Mar-22	100%	0	\$0	Matt Howell															
P2318P195	Fabrication of CM#7 JT Valves (2) and actuators (3) Complete	01-Dec-20 A	30-Jul-21	02-Mar-22	02-Mar-22	25%	43	\$9,433	Matt Howell															
P2318P270	Vendor Effort Fabrication of VAT Right Angle Valve (Supply Warm Beamtube Assembly)	01-Dec-20 A	08-Dec-20 A	02-Nov-20	08-Dec-20	100%	0	\$0	Matt Howell															
P2318P280	Adjustment for October Rate Change BCR	01-Dec-20 A	01-Dec-20 A	10-Dec-20	10-Dec-20	100%	0	\$1,244	Matt Howell															
P2318P275	Accept Vendor Effort Fabrication of VAT Right Angle Valve (Supply Warm Beamtube Assembly)	09-Dec-20 A	09-Dec-20 A	09-Dec-20	09-Dec-20	100%	0	\$5,768	Matt Howell															
P2318P225	ACCEPT: Vendor Fabrication of Supply Warm Beamtube Assembly	29-Jan-21 A	29-Jan-21 A	01-Sep-20	01-Sep-20	100%	0	\$22,570	Matt Howell															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Year Budget Allocation																											
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029														
P263P285	Development of Saddle Machining	16-Nov-20 A	01-Mar-21 A	17-Jan-20	14-Feb-20	100%	0	\$0	Jeffrey Saunders																												
P263P295	Payment MS - Satisfactory completion of Saddle Machining	01-Mar-21 A	01-Mar-21 A	17-Feb-20	17-Feb-20	100%	0	\$28,560	Jeffrey Saunders																												
P263P305	Fabrication of Saddles	02-Mar-21 A	04-Mar-21 A	18-Feb-20	12-May-20	100%	0	\$0	Jeffrey Saunders																												
P263P315	Payment MS - Delivery & acceptance of CM Saddles and final documentation	04-Mar-21 A	04-Mar-21 A	13-May-20	13-May-20	100%	0	\$22,922	Jeffrey Saunders																												
P263MS235	Fabrication Complete for Saddles		04-Mar-21 A		13-May-20	100%	0	\$0	Jeffrey Saunders																												
P.10.02.09.04 Installation		17-Jul-20 A	10-Sep-20 A	17-Jul-20	13-Aug-20		0	\$126,255																													
P263I81	S&A on CM stand effort for CM installation	17-Jul-20 A	10-Sep-20 A	17-Jul-20	13-Aug-20	100%	0	\$60,883	Jeffrey Saunders																												
P263I196	Install and grout (7) cryomodule stands in tunnel and in phase 0	17-Jul-20 A	09-Sep-20 A	17-Jul-20	13-Aug-20	100%	0	\$65,372	Jeffrey Saunders																												
P263IMS04	Start Installation of CM Stands in Tunnel	17-Jul-20 A		17-Jul-20		100%	0	\$0	Jeffrey Saunders																												
P.10.02.10 Plasma Process MB Cryomodule		01-Oct-19 A	02-Nov-20 A	03-Sep-19	04-Jan-21		0	\$305,709																													
P.10.02.10.03 Procure/Fab - Plasma Process MB Cryomodule		01-Oct-19 A	02-Nov-20 A	03-Sep-19	04-Jan-21		0	\$305,709																													
P264P51	Procure RF cart for MB	01-Oct-19 A	06-Jan-20 A	03-Sep-19	23-Sep-19	100%	0	\$525	Jeffrey Saunders																												
P264P61	Procure materials and supplies for MB plasma	01-Oct-19 A	21-May-20 A	03-Sep-19	23-Sep-19	100%	0	\$541	Jeffrey Saunders																												
P264P56	Fabricate RF cart for MB	07-Jan-20 A	25-Sep-20 A	24-Sep-19	26-Mar-20	100%	0	\$144,768	Jeffrey Saunders																												
P264P130	Adjustment for Plasma Process Improved Strategy	01-May-20 A	01-May-20 A	01-May-20	01-May-20	100%	0	(\$78,530)	Jeffrey Saunders																												
P264P120	Fabricate materials and supplies for MB plasma	13-May-20 A	20-May-20 A	24-Sep-19	07-Oct-19	100%	0	\$0	Jeffrey Saunders																												
P264P125	Receive materials and supplies for MB plasma	21-May-20 A	22-May-20 A	08-Oct-19	08-Oct-19	100%	0	\$38,953	Jeffrey Saunders																												
P264P195	Mechanical Assembly of RF Cart	25-May-20 A	30-Oct-20 A	04-May-20	28-Jul-20	100%	0	\$75,114	Jeffrey Saunders																												
P264P180	Procure Pixie Crate for RF Cart	01-Jun-20 A	05-Jun-20 A	08-Jul-20	21-Jul-20	100%	0	\$558	Jeffrey Saunders																												
P264P185	Fabricate Pixie Crate for RF Cart	08-Jun-20 A	12-Jun-20 A	22-Jul-20	30-Sep-20	100%	0	\$0	Jeffrey Saunders																												
P264MS135	Fabrication of Pixie Crate for RF Cart Complete		12-Jun-20 A		30-Sep-20	100%	0	\$0	Jeffrey Saunders																												
P264P190	Receive Pixie Crate for RF Cart	15-Jun-20 A	15-Jun-20 A	01-Oct-20	01-Oct-20	100%	0	\$15,600	Jeffrey Saunders																												
P264P150	Procure Mechanical Components for RF Cart	01-Jul-20 A	08-Jul-20 A	01-Jun-20	05-Jun-20	100%	0	\$558	Jeffrey Saunders																												
P264P155	Fabricate Mechanical Components for RF Cart	09-Jul-20 A	29-Jul-20 A	08-Jun-20	06-Jul-20	100%	0	\$0	Jeffrey Saunders																												
P264MS125	Fabrication of Mechanical Components for RF Cart Complete		29-Jul-20 A		06-Jul-20	100%	0	\$0	Jeffrey Saunders																												
P264P135	Procure RF Components for RF Cart	30-Jul-20 A	14-Aug-20 A	08-Jul-20	21-Jul-20	100%	0	\$558	Jeffrey Saunders																												
P264P160	Receive Mechanical Components for RF Cart	30-Jul-20 A	30-Jul-20 A	07-Jul-20	07-Jul-20	100%	0	\$10,400	Jeffrey Saunders																												
P264P165	Procure Amplifier for RF Cart	30-Jul-20 A	07-Aug-20 A	08-Jul-20	21-Jul-20	100%	0	\$558	Jeffrey Saunders																												
P264P170	Fabricate Amplifier for RF Cart	07-Aug-20 A	12-Aug-20 A	22-Jul-20	30-Sep-20	100%	0	\$0	Jeffrey Saunders																												
P264P200	Electrical/RF Integration of RF Cart	10-Aug-20 A	27-Oct-20 A	02-Oct-20	04-Jan-21	100%	0	\$28,799	Jeffrey Saunders																												
P264MS130	Fabrication of Amplifier for RF Cart Complete		12-Aug-20 A		30-Sep-20	100%	0	\$0	Jeffrey Saunders																												
P264P140	Fabricate RF Components for RF Cart	17-Aug-20 A	20-Aug-20 A	22-Jul-20	30-Sep-20	100%	0	\$0	Jeffrey Saunders																												
P264P145	Receive RF Components for RF Cart	20-Aug-20 A	02-Nov-20 A	01-Oct-20	01-Oct-20	100%	0	\$32,177	Jeffrey Saunders																												

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Years																										
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029													
P274P276	Procure Low Range Pressure Sensor	01-Oct-19 A	31-Oct-19 A	01-Oct-19	21-Oct-19	100%	0	\$525	Karen White																											
P274P266	Procure High Range Pressure Sensor	01-Oct-19 A	31-Oct-19 A	01-Oct-19	21-Oct-19	100%	0	\$525	Karen White																											
P274P281	Fabricate Low Range Pressure Sensor	01-Nov-19 A	20-Dec-19 A	22-Oct-19	25-Nov-19	100%	0	\$0	Karen White																											
P274P286	Fabricate High Range Pressure Sensor	01-Nov-19 A	20-Dec-19 A	22-Oct-19	25-Nov-19	100%	0	\$0	Karen White																											
P274P291	Receive Low Range Pressure Sensor	20-Dec-19 A	20-Dec-19 A	26-Nov-19	26-Nov-19	100%	0	\$7,832	Karen White																											
P274P296	Receive High Range Pressure Sensor	20-Dec-19 A	20-Dec-19 A	26-Nov-19	26-Nov-19	100%	0	\$11,003	Karen White																											
P.10.03 RF Systems		15-Jul-19 A	17-Aug-22	15-Jul-19	10-Jun-22		302	\$21,740,848																												
P.10.03.02 SCL HPRF		15-Jul-19 A	17-Aug-22	15-Jul-19	10-Jun-22		302	\$15,794,853																												
P.10.03.02.02 Transmitters (SCL)		31-Oct-19 A	17-Aug-22	26-Sep-19	10-Jun-22		226	\$10,329,579																												
P.10.03.02.02.03 Procure/Fab - Transmitters (SCL) - (NEP32230)		31-Oct-19 A	17-Aug-22	26-Sep-19	10-Jun-22		226	\$10,329,579																												
P32MS001	Award Contract for Remaining XMTRs, Klystron Tanks, and TRCC Carts (MS)		31-Oct-19 A		26-Sep-19	100%	0	\$0	John Moss																											
P322P28	Process Procurement and Award Option for Remaining XMTRs, Klystron Tanks, and TRCC Carts	31-Oct-19 A	31-Oct-19 A	26-Sep-19	26-Sep-19	100%	0	\$840	John Moss																											
P322P581	Obligate FY20 Funding for P.10 XMTR MS 7b (\$3,100,000)	01-Apr-20 A	01-Apr-20 A	01-Apr-20	01-Apr-20	100%	0	\$0	John Moss																											
P322P045	Obligate FY21 Funding for P.10 XMTR MS's 8b, 11, 13, and 19 (\$3,016,748)	11-Sep-20 A	11-Sep-20 A	11-Sep-20	11-Sep-20	100%	0	\$0	John Moss																											
P322P591	MS# 7b Upon Receipt of 25% Materials	06-Oct-20 A	06-Oct-20 A	06-Oct-20	06-Oct-20	100%	0	\$3,162,000	John Moss																											
P322P601	MS# 8b Upon Receipt of 50% Materials	29-Jan-21 A	29-Jan-21 A	08-Feb-21	08-Feb-21	100%	0	\$3,359,038	John Moss																											
P322P571	Obligate FY22 Funding for P.10 XMTR MS's 12, 14, 15, 16, 17, and 18 (\$3,849,028)	17-Sep-21*	17-Sep-21	17-Sep-21	17-Sep-21	0%	1	\$0	John Moss																											
P322P046	Fabrication of 2nd Transmitter - XMTR-30, TRCC and Klystron Tanks	19-Nov-21	10-Jan-22	15-Sep-21	09-Nov-21	0%	28	\$0	John Moss																											
P322P651	Fab Oversight of Remaining Four Transmitters, TRCC and Klystron Tanks (LOE)	19-Nov-21	17-Aug-22	15-Sep-21	10-Jun-22	0%	181	\$12,774	John Moss																											
P322P661	MS# 19 On-site Training (1 week) Completed	17-Dec-21	17-Dec-21	11-Oct-21	11-Oct-21	0%	1	\$27,783	John Moss																											
P322P048	Fabrication of 3rd Transmitter - XMTR-28, TRCC and Klystron Tanks	11-Jan-22	16-Feb-22	10-Nov-21	07-Jan-22	0%	26	\$0	John Moss																											
P322P531	MS# 11 Delivery of 2nd Transmitter (Receive and store XMTR-30 racks and TRCC (Klystron Tank receipts in 3.2.3)	11-Jan-22	11-Jan-22	10-Nov-21	10-Nov-21	0%	1	\$313,432	John Moss																											
P322P533	Receipt of 2nd Transmitter (XMTR-30) Complete (MS)		11-Jan-22		10-Nov-21	0%	0	\$0	John Moss																											
P322P050	Fabrication of 4th Transmitter - XMTR-27, TRCC, and Klystron Tanks	17-Feb-22	23-Mar-22	10-Jan-22	28-Feb-22	0%	25	\$0	John Moss																											
P322P541	MS# 13 Delivery of 3rd Transmitter (Receive and store XMTR-28 racks and TRCC (Klystron Tank receipts in 3.2.3)	17-Feb-22	17-Feb-22	10-Jan-22	10-Jan-22	0%	1	\$313,432	John Moss																											
P322P543	Receipt of 3rd Transmitter (XMTR-28) Complete (MS)		17-Feb-22		10-Jan-22	0%	0	\$0	John Moss																											
P322P611	MS# 12 Completion of successful Acceptance Testing of 2nd Transmitter (XMTR-30)	08-Mar-22	08-Mar-22	18-Jan-22	18-Jan-22	0%	1	\$628,354	John Moss																											
P322P052	Fabrication of 5th Transmitter - XMTR-25, TRCC and Klystron Tanks	24-Mar-22	20-Apr-22	01-Mar-22	11-Apr-22	0%	19	\$0	John Moss																											
P322P551	MS# 15 Delivery of 4th Transmitter (Receive and store XMTR-27 racks and TRCC (Klystron Tank receipts in 3.2.3)	24-Mar-22	24-Mar-22	01-Mar-22	01-Mar-22	0%	1	\$313,432	John Moss																											
P322P563	Receipt of 4th Transmitter (XMTR-27) Complete (MS)		24-Mar-22		01-Mar-22	0%	0	\$0	John Moss																											
P322P621	MS# 14 Completion of successful Acceptance Testing of 3rd Transmitter (XMTR-28)	14-Apr-22	14-Apr-22	08-Mar-22	08-Mar-22	0%	1	\$628,354	John Moss																											
P322P561	MS# 17 Delivery of 5th Transmitter (Receive and store XMTR-25 racks and TRCC (Klystron Tank receipts in 3.2.3)	21-Apr-22	21-Apr-22	12-Apr-22	12-Apr-22	0%	1	\$313,432	John Moss																											
P322P553	Receipt of 5th Transmitter (XMTR-25) Complete (MS)		21-Apr-22		12-Apr-22	0%	0	\$0	John Moss																											

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P322P631	MS# 16 Completion of successful Acceptance Testing of 4th Transmitter (XMTR-27)	19-May-22	19-May-22	26-Apr-22	26-Apr-22	0%	1	\$628,354	John Moss															
P322P641	MS# 18 Completion of successful Acceptance Testing of 5th Transmitter (XMTR-25)	16-Jun-22	16-Jun-22	08-Jun-22	08-Jun-22	0%	1	\$628,354	John Moss															
P.10.03.02.03 Klystrons (SCL)		26-Aug-19 A	07-Jan-22	26-Aug-19	07-Jan-22		148	\$3,645,542																
P.10.03.02.03.03 Procure/Fab - Klystrons (SCL) - (NEP32330)		26-Aug-19 A	07-Jan-22	26-Aug-19	07-Jan-22		148	\$3,645,542																
P323P001	Procurement Readiness Review (PRR) for SCL Klystrons and Magnets (31 and 30)	26-Aug-19 A	30-Aug-19 A	26-Aug-19	30-Aug-19	100%	0	\$0	John Moss															
P323MS001	Technical Package to Procurement for SCL Klystrons and Magnets (31 and 30) (MS)		30-Aug-19 A		30-Aug-19	100%	0	\$0	John Moss															
P323P004	Procurement Review and Bid for SCL Klystrons and Magnets (31 and 30)	03-Sep-19 A	30-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$1,609	John Moss															
P323MS002	Issue RFP for SCL Klystrons and Magnets (31 and 30) (MS)		01-Oct-19 A		23-Sep-19	100%	0	\$0	John Moss															
P323P021	Solicitation Period for SCL Klystrons and Magnets (31 and 30)	02-Oct-19 A	13-Nov-19 A	24-Sep-19	04-Nov-19	100%	0	\$3,359	John Moss															
P323MS003	Solicitation Complete for SCL Klystrons and Magnets (31 and 30) (MS)		13-Nov-19 A		04-Nov-19	100%	0	\$0	John Moss															
P323P26	Review and Award Contract for SCL Klystrons and Magnets (31 and 30)	14-Nov-19 A	21-Feb-20 A	05-Nov-19	25-Nov-19	100%	0	\$10,371	John Moss															
P323MS27	Award SCL Klystrons and Solenoids for XMTR 31 and 30 (MS)		21-Feb-20 A		25-Nov-19	100%	0	\$0	John Moss															
P323P36	Vendor Drawing and Package Approval - Klystrons and Magnets	24-Feb-20 A	25-Feb-20 A	26-Nov-19	08-Jan-20	100%	0	\$15,222	John Moss															
P323P45	Fabricate Klystrons for XMTR-31 (6 ea) (OLD)	26-Feb-20 A	26-Feb-20 A	09-Jan-20	31-Jan-20	100%	0	\$53,918	John Moss															
P323P29	Fabricate Solenoids for XMTR-31 Klystrons (6 ea) (OLD)	26-Feb-20 A	26-Feb-20 A	09-Jan-20	31-Jan-20	100%	0	\$47,003	John Moss															
P323P45a	Fabricate Klystrons for XMTR-31 (6 ea) Point Adjustment	27-Feb-20 A	27-Feb-20 A	03-Feb-20	03-Feb-20	100%	0	(\$54,655)	John Moss															
P323P29a	Fabricate Solenoids for XMTR-31 Klystrons (6 ea) Point Adjustment	27-Feb-20 A	27-Feb-20 A	03-Feb-20	03-Feb-20	100%	0	(\$47,650)	John Moss															
P323P701	SCL LL Klystron Fabrication Summary Activity (1,614,824 MS Completed of 3,424,947 = 47%)	02-Mar-20 A	09-Jun-21	02-Mar-20	09-Jun-21	47%	7	\$0	John Moss															
P323P1231	SCL Klystrons Fabrication Oversight FY20 (LOE)	02-Mar-20 A	30-Sep-20 A	02-Mar-20	30-Sep-20	100%	0	\$5,677	John Moss															
P323P551	1 Successful completion and TPO approval of the Resource-Loaded Production Plan/Schedule	03-Apr-20 A	03-Apr-20 A	21-Apr-20	21-Apr-20	100%	0	\$687,495	John Moss															
P323P561	2 Successful completion and TPO approval of the Factory Test Readiness Review	12-May-20 A	12-May-20 A	13-Nov-20	13-Nov-20	100%	0	\$859,365	John Moss															
P323P1241	SCL Klystrons Fabrication Oversight FY21 (LOE)	01-Oct-20 A	30-Jun-21	01-Oct-20	30-Jun-21	87.78%	22	\$6,803	John Moss															
P323P1251	Travel for Acceptance Testing of Klystrons 1 & 2	26-Feb-21 A	30-Apr-21 A	10-Dec-20	14-Dec-20	100%	0	\$12,631	John Moss															
P323P571	3 Successful completion of acceptance testing at Seller's facility prior to shipment (klystrons 1 & 2)	23-Mar-21 A	30-Apr-21 A	15-Dec-20	15-Dec-20	100%	0	\$200,519	John Moss															
P323P771	Shipment Period Klystrons 1 & 2	24-Mar-21 A	24-May-21 A	16-Dec-20	12-Jan-21	100%	0	\$0	John Moss															
P323P711	Receive and Store Klystrons 1 & 2	12-Apr-21 A	24-May-21 A	13-Jan-21	13-Jan-21	100%	0	\$3,387	John Moss															
P323P581	4 Successful completion of acceptance testing at Seller's facility prior to shipment (klystrons 3 & 4)	25-May-21 A	01-Jun-21	27-Jan-21	27-Jan-21	50%	1	\$202,193	John Moss															
P323P631	9 Successful completion of acceptance testing at ORNL (or within 4 weeks of delivery) (Klystrons 1 & 2)	25-May-21 A	23-Jun-21	12-Feb-21	12-Feb-21	50%	17	\$116,828	John Moss															
P323P781	Shipment Period Klystrons 3 & 4	02-Jun-21	15-Jun-21	28-Jan-21	10-Feb-21	0%	10	\$0	John Moss															
P323P721	Receive and Store Klystrons 3 & 4	16-Jun-21	16-Jun-21	11-Feb-21	11-Feb-21	0%	1	\$1,713	John Moss															
P323P31	Procure Insulating Oil for klystrons 31C through 32D	17-Jun-21	08-Jul-21	12-Feb-21	04-Mar-21	0%	15	\$462	John Moss															
P323P248	Fabrication Insulating oil for klystrons 31C through 32D	09-Jul-21	05-Aug-21	05-Mar-21	01-Apr-21	0%	20	\$0	John Moss															
P323P641	10 Successful completion of acceptance testing at ORNL (or within 4 weeks of delivery) (Klystrons 3 & 4)	16-Jul-21	16-Jul-21	12-Mar-21	12-Mar-21	0%	1	\$116,828	John Moss															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P323P591	5 Successful completion of acceptance testing at Seller's facility prior to shipment (klystrons 5 & 6)	20-Jul-21	20-Jul-21	24-Feb-21	24-Feb-21	0%	1	\$202,193	John Moss															
P323P791	Shipment Period Klystrons 5 & 6	21-Jul-21	03-Aug-21	25-Feb-21	10-Mar-21	0%	10	\$0	John Moss															
P323P584	Non-Recurring Engineering Cost for added Drain Fittings	21-Jul-21	21-Jul-21	25-Feb-21	25-Feb-21	0%	1	\$10,572	John Moss															
P323P731	Receive and Store Klystrons 5 & 6	04-Aug-21	04-Aug-21	11-Mar-21	11-Mar-21	0%	1	\$1,713	John Moss															
P323P251	Receive Insulating oil for klystrons 31C through 32D	06-Aug-21	06-Aug-21	05-Apr-21	05-Apr-21	0%	1	\$31,579	John Moss															
P323P651	11 Successful completion of acceptance testing at ORNL (or within 4 weeks of delivery) (Klystrons 5 & 6)	02-Sep-21	02-Sep-21	12-Apr-21	12-Apr-21	0%	1	\$116,828	John Moss															
P323P601	6 Successful completion of acceptance testing at Seller's facility prior to shipment (klystrons 7 & 8)	03-Sep-21	03-Sep-21	24-Mar-21	24-Mar-21	0%	1	\$202,193	John Moss															
P323P801	Shipment Period Klystrons 7 & 8	07-Sep-21	20-Sep-21	14-May-21	27-May-21	0%	10	\$0	John Moss															
P323P741	Receive and Store Klystrons 7 & 8	21-Sep-21	21-Sep-21	28-May-21	28-May-21	0%	1	\$1,713	John Moss															
P323P611	7 Successful completion of acceptance testing at Seller's facility prior to shipment (klystrons 9 & 10)	27-Sep-21	27-Sep-21	27-Sep-21	27-Sep-21	0%	1	\$206,125	John Moss															
P323P811	Shipment Period Klystrons 9 & 10	28-Sep-21	11-Oct-21	28-Sep-21	11-Oct-21	0%	10	\$0	John Moss															
P323P751	Receive and Store Klystrons 9 & 10	12-Oct-21	12-Oct-21	12-Oct-21	12-Oct-21	0%	1	\$1,765	John Moss															
P323P1201	Procure Insulating Oil for klystrons 30A through 31B	13-Oct-21	02-Nov-21	13-Oct-21	02-Nov-21	0%	15	\$481	John Moss															
P323P661	12 Successful completion of acceptance testing at ORNL (or within 4 weeks of delivery) (Klystrons 7 & 8)	20-Oct-21	20-Oct-21	20-Oct-21	20-Oct-21	0%	1	\$116,828	John Moss															
P323P1191	Fabrication Insulating oil for klystrons 30A through 31B	03-Nov-21	02-Dec-21	03-Nov-21	02-Dec-21	0%	20	\$0	John Moss															
P323P621	8 Successful completion of acceptance testing at Seller's facility prior to shipment (klystrons 11 & 12)	10-Nov-21	10-Nov-21	10-Nov-21	10-Nov-21	0%	1	\$206,125	John Moss															
P323P671	13 Successful completion of acceptance testing at ORNL (or within 4 weeks of delivery) (Klystrons 9 & 10)	10-Nov-21	10-Nov-21	10-Nov-21	10-Nov-21	0%	1	\$116,828	John Moss															
P323P821	Shipment Period Klystrons 11 & 12	11-Nov-21	24-Nov-21	11-Nov-21	24-Nov-21	0%	10	\$0	John Moss															
P323P761	Receive and Store Klystrons 11 & 12	29-Nov-21	29-Nov-21	29-Nov-21	29-Nov-21	0%	1	\$1,765	John Moss															
P323P1211	Receive Insulating oil for klystrons 30A through 31B	03-Dec-21	03-Dec-21	03-Dec-21	03-Dec-21	0%	1	\$32,507	John Moss															
P323P681	14 Successful completion of acceptance testing at ORNL (or within 4 weeks of delivery) (Klystrons 11 & 12)	06-Jan-22	06-Jan-22	06-Jan-22	06-Jan-22	0%	1	\$116,828	John Moss															
P323P691	15 Successful completion of 80 hours on-site engineering support	07-Jan-22	07-Jan-22	07-Jan-22	07-Jan-22	0%	1	\$36,421	John Moss															
P.10.03.02.04 Waveguide and Waveguide Components (SCL)		15-Jul-19 A	07-May-20 A	15-Jul-19	08-May-20		0	\$893,063																
P.10.03.02.04.03 Procure/Fab - Waveguide and Waveguide Components (SCL) - (NEP32430)		15-Jul-19 A	07-May-20 A	15-Jul-19	08-May-20		0	\$893,063																
P324P11	Update Waveguide Drawings and BOM	15-Jul-19 A	02-Aug-19 A	15-Jul-19	02-Aug-19	100%	0	\$0	John Moss															
P324P1	Procurement Readiness Review (PRR) for SCL Waveguide	05-Aug-19 A	09-Aug-19 A	05-Aug-19	09-Aug-19	100%	0	\$0	John Moss															
P324MS11	Technical Package to Procurement for Waveguide (MS)		09-Aug-19 A		09-Aug-19	100%	0	\$0	John Moss															
P324P001	Procurement Review and Bid for Waveguide	03-Sep-19 A	23-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$1,609	John Moss															
P324PMS38	Issue RFP for Waveguide (MS)		23-Sep-19 A		23-Sep-19	100%	0	\$0	John Moss															
P324P116	Solicitation Period for Waveguide	24-Sep-19 A	14-Oct-19 A	24-Sep-19	04-Nov-19	100%	0	\$2,484	John Moss															
P324MS48	Solicitation Complete for Waveguide (MS)		14-Oct-19 A		04-Nov-19	100%	0	\$0	John Moss															
P324P6	Review and Award Contract for Waveguide	15-Oct-19 A	27-Nov-19 A	05-Nov-19	25-Nov-19	100%	0	\$4,549	John Moss															
P32MS011	Award Contract for Waveguide (MS)		27-Nov-19 A		25-Nov-19	100%	0	\$0	John Moss															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P324P110	Fabricate Waveguide for XMTR-31 (Old)	06-Jan-20 A	06-Jan-20 A	26-Nov-19	20-Dec-19	100%	0	\$69,705	John Moss															
P324P140	Waveguide Fabrication Oversight (LOE)	06-Jan-20 A	07-May-20 A	07-Jan-20	08-May-20	100%	0	\$9,038	John Moss															
P324P110a	Fabricate Waveguide for XMTR-31 - Adjustment due to award	07-Jan-20 A	07-Jan-20 A	06-Jan-20	06-Jan-20	100%	0	(\$69,705)	John Moss															
P324P110b	Fabricate waveguide for XMTR-31 (Shipment 1)	08-Jan-20 A	04-Mar-20 A	07-Jan-20	05-Mar-20	100%	0	\$0	John Moss															
P324P115	Fabricate waveguide for XMTR-30 (Shipment 2)	03-Feb-20 A	25-Mar-20 A	06-Mar-20	26-Mar-20	100%	0	\$0	John Moss															
P324P120	Fabricate waveguide for XMTR-28 (Shipment 3)	03-Feb-20 A	27-Mar-20 A	27-Mar-20	16-Apr-20	100%	0	\$0	John Moss															
P324P16	Receive and store waveguide for XMTR-31, Milestone Payment for Shipment 1	05-Mar-20 A	05-Mar-20 A	06-Mar-20	06-Mar-20	100%	0	\$174,424	John Moss															
P324P76	Receive and store waveguide for XMTR-30, Milestone Payment for Shipment 2	26-Mar-20 A	26-Mar-20 A	27-Mar-20	27-Mar-20	100%	0	\$175,240	John Moss															
P324P86	Receive and store waveguide for XMTR-28, Milestone Payment for Shipment 3	30-Mar-20 A	30-Mar-20 A	17-Apr-20	17-Apr-20	100%	0	\$175,240	John Moss															
P324P125	Fabricate waveguide for XMTR-27 (Shipment 4)	01-Apr-20 A	13-Apr-20 A	17-Apr-20	30-Apr-20	100%	0	\$0	John Moss															
P324P96	Receive and store waveguide for XMTR-27, Milestone Payment for Shipment 4	10-Apr-20 A	10-Apr-20 A	01-May-20	01-May-20	100%	0	\$175,240	John Moss															
P324P130	Fabricate waveguide for XMTR-25 (Shipment 5)	13-Apr-20 A	30-Apr-20 A	01-May-20	07-May-20	100%	0	\$0	John Moss															
P324P106	Receive and store waveguide for XMTR-25, Milestone Payment for Shipment 5	30-Apr-20 A	30-Apr-20 A	08-May-20	08-May-20	100%	0	\$175,240	John Moss															
P.10.03.02.05 Circulators (SCL)		01-Aug-19 A	29-Sep-21	01-Aug-19	17-Sep-21		85	\$686,760																
P.10.03.02.05.03 Procure/Fab - Circulators (SCL) - (NEP32530)		01-Aug-19 A	29-Sep-21	01-Aug-19	17-Sep-21		85	\$686,760																
P325P6	Procurement Readiness Review (PRR) for SCL Circulators	01-Aug-19 A	09-Aug-19 A	01-Aug-19	09-Aug-19	100%	0	\$0	John Moss															
P325MS1	Technical Package to Procurement for SCL Circulators (MS)		09-Aug-19 A		09-Aug-19	100%	0	\$0	John Moss															
P325P24	Procurement Review and Bid for SCL Circulators	03-Sep-19 A	20-Sep-19 A	03-Sep-19	14-Oct-19	100%	0	\$2,011	John Moss															
P325PMS18	Issue RFP for SCL Circulators (MS)		20-Sep-19 A		14-Oct-19	100%	0	\$0	John Moss															
P325P31	Solicitation Period for SCL Circulators	23-Sep-19 A	25-Oct-19 A	15-Oct-19	08-Jan-20	100%	0	\$4,156	John Moss															
P325PMS28	Solicitation Complete for SCL Circulators (MS)		25-Oct-19 A		08-Jan-20	100%	0	\$0	John Moss															
P325P21	Review and Award Contract for SCL Circulators	28-Oct-19 A	27-Nov-19 A	09-Jan-20	09-Jan-20	100%	0	\$6,426	John Moss															
P32MS11	Award Contract for SCL Circulators (MS)		27-Nov-19 A		09-Jan-20	100%	0	\$0	John Moss															
P325P45	SCL Circulators - Vendor Documentation Prep and Mobilization	02-Dec-19 A	10-Jan-20 A	10-Jan-20	10-Jan-20	100%	0	\$0	John Moss															
P325P46	Vendor SCL Circulators Design Development	13-Jan-20 A	16-Mar-20 A	13-Jan-20	24-Feb-20	100%	0	\$0	John Moss															
P325P126	Circulators Fabrication Oversight Support (LOE) (Part 1 Jan20 - Nov20)	13-Jan-20 A	30-Nov-20 A	13-Jan-20	30-Nov-20	100%	0	\$21,894	John Moss															
P325P36	Receipt and TPO Approval of Circulator Final Design (Milestone Payment #1)	17-Mar-20 A	17-Mar-20 A	25-Feb-20	25-Feb-20	100%	0	\$65,076	John Moss															
P325P61	Fabrication and Shipment of First Article Circulator	18-Mar-20 A	10-Feb-21 A	26-Feb-20	27-May-20	100%	0	\$0	John Moss															
P325P116	Receive and Test First Article circulator (Old)	01-Jul-20 A	01-Jul-20 A	28-May-20	29-May-20	100%	0	\$11,751	John Moss															
P325P116a	Receive and Test First Article circulator (Point Adjustment) PCR LL-2020-45)	02-Jul-20 A	02-Jul-20 A	01-Jul-20	02-Jul-20	100%	0	(\$11,751)	John Moss															
P325P196	Circulators Fabrication Oversight Support (LOE) (Part 2 Dec20 - Mar21)	01-Dec-20 A	31-Mar-21 A	01-Dec-20	31-Mar-21	100%	0	\$11,444	John Moss															
P325P116b	Receive and Test First Article circulator	11-Feb-21 A	11-Jun-21	30-Sep-20	26-Oct-20	20%	9	\$12,376	John Moss															
P325P51	Successful Completion of First Article High Power Test at ORNL (Milestone Payment #2) (Circ)	14-Jun-21	14-Jun-21	27-Oct-20	27-Oct-20	0%	1	\$119,952	John Moss															

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29
										F	F	F	F	F	F	F	F	F	F	F	F	F	F
P325P76	Fabrication of Batch 1 Circulators (9 units)	15-Jun-21	14-Jul-21	28-Oct-20	29-Jan-21	0%	21	\$0	John Moss														
P325P91	Shipment and Delivery of Batch 1 Circulators (9 Units)	15-Jul-21	21-Jul-21	26-Mar-21	01-Apr-21	0%	5	\$0	John Moss														
P325P96	Receive and Acceptance Test Batch 1 circulators (9 Units)	22-Jul-21	23-Jul-21	05-Apr-21	06-Apr-21	0%	2	\$5,121	John Moss														
P325P136	Fabrication of Batch 2 Circulators (9 units)	26-Jul-21	12-Aug-21	07-Apr-21	26-Apr-21	0%	14	\$0	John Moss														
P325P146	Fabrication of Batch 3 Circulators (9 units)	13-Aug-21	14-Sep-21	27-Apr-21	26-May-21	0%	22	\$0	John Moss														
P325P156	Shipment and Delivery of Batch 2 Circulators (9 Units)	13-Aug-21	19-Aug-21	27-Apr-21	03-May-21	0%	5	\$0	John Moss														
P325P176	Receive and Acceptance Test Batch 2 circulators (9 Units)	20-Aug-21	26-Aug-21	04-May-21	10-May-21	0%	5	\$5,121	John Moss														
P325P66	Completion and TPO Acceptance of Testing of Rem.Circulators at Seller's Facility prior to shipment (Milestone Pmt #3)	15-Sep-21	15-Sep-21	27-May-21	27-May-21	0%	1	\$275,184	John Moss														
P325P166	Shipment and Delivery of Batch 3 Circulators (9 Units)	15-Sep-21	21-Sep-21	27-May-21	03-Jun-21	0%	5	\$0	John Moss														
P325P186	Receive and Acceptance Test Batch 3 circulators (9 Units)	22-Sep-21	28-Sep-21	10-Sep-21	16-Sep-21	0%	5	\$5,121	John Moss														
P325P81	Satisfactory Completion of Delivery and Company Acceptance of all Circulators inc final docs (Milestone Payment #4)	29-Sep-21	29-Sep-21	17-Sep-21	17-Sep-21	0%	1	\$152,880	John Moss														
P10.03.02.06 Water Loads (SCL)		01-Aug-19 A	17-Nov-21	01-Aug-19	29-Mar-21		120	\$239,910															
P.10.03.02.06.03 Procure/Fab - Water Loads (SCL) - (NEP32630)		01-Aug-19 A	17-Nov-21	01-Aug-19	29-Mar-21		120	\$239,910															
P326P6	Procurement Readiness Review (PRR) for SCL Water Loads	01-Aug-19 A	09-Aug-19 A	01-Aug-19	09-Aug-19	100%	0	\$0	John Moss														
P326MS001	Technical Package to Procurement for SCL Water Loads (MS)		09-Aug-19 A		09-Aug-19	100%	0	\$0	John Moss														
P326P11	Procurement Review and Bid for SCL water loads	03-Sep-19 A	23-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$804	John Moss														
P326PMS015	Issue RFP for SCL Water Loads (MS)		23-Sep-19 A		23-Sep-19	100%	0	\$0	John Moss														
P326P017	Solicitation Period for SCL Water Loads	24-Sep-19 A	14-Oct-19 A	24-Sep-19	04-Nov-19	100%	0	\$2,484	John Moss														
P326PMS018	Solicitation Complete for SCL Water Loads (MS)		14-Oct-19 A		04-Nov-19	100%	0	\$0	John Moss														
P326P021	Review and Award Contract for SCL Water Loads	15-Oct-19 A	27-Nov-19 A	05-Nov-19	25-Nov-19	100%	0	\$5,166	John Moss														
P326MS020	Award Contract for SCL water loads (MS)		27-Nov-19 A		25-Nov-19	100%	0	\$0	John Moss														
P326P036	Fabricate Loads for XMTR-31 (Old)	06-Jan-20 A	06-Jan-20 A	26-Nov-19	20-Dec-19	100%	0	\$17,409	John Moss														
P326P036a	Fabricate Loads for XMTR-31 - Adjustment due to award	07-Jan-20 A	07-Jan-20 A	06-Jan-20	06-Jan-20	100%	0	(\$17,409)	John Moss														
P326P146	Water Loads Fabrication Oversight (LOE)	08-Jan-20 A	30-Nov-20 A	07-Jan-20	30-Nov-20	100%	0	\$7,881	John Moss														
P326P136	Vendor SCL Loads Design Development	08-Jan-20 A	16-Mar-20 A	07-Jan-20	06-Mar-20	100%	0	\$0	John Moss														
P326P36	Receipt and TPO Approval of Loads Final Design (Milestone Payment #1)	17-Mar-20 A	17-Mar-20 A	09-Mar-20	09-Mar-20	100%	0	\$33,803	John Moss														
P326P038	Fabrication and Shipment of First Article Load	18-Mar-20 A	05-Nov-20 A	10-Mar-20	31-Aug-20	100%	0	\$0	John Moss														
P326P156	Receive and Test First Article Load	02-Nov-20 A	30-Nov-20 A	01-Sep-20	01-Sep-20	100%	0	\$9,934	John Moss														
P326P040	Fabrication of Batch 1 Loads (14 Units)	04-Nov-20 A	05-Feb-21 A	03-Sep-20	04-Jan-21	100%	0	\$0	John Moss														
P326P46	Successful Completion of First Article High Power Test at ORNL (Milestone Payment #2)	30-Nov-20 A	30-Nov-20 A	02-Sep-20	02-Sep-20	100%	0	\$28,703	John Moss														
P326P76	Receive and Acceptance Test Batch 1 Loads (14 Units)	01-Feb-21 A	05-Feb-21 A	12-Jan-21	19-Jan-21	100%	0	\$7,281	John Moss														
P326P042	Shipment and Delivery of Batch 1 Loads (14 Units)	08-Feb-21 A	12-Feb-21 A	05-Jan-21	11-Jan-21	100%	0	\$0	John Moss														
P326P048	Fabrication of Batch 2 Loads (13 Units)	08-Feb-21 A	19-Mar-21 A	05-Jan-21	12-Feb-21	100%	0	\$0	John Moss														

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Years																							
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029										
P326P56	Completion and TPO Acceptance of Testing of Loads at Seller's Facility prior to shipment (Milestone Pmt #3)	22-Mar-21 A	22-Mar-21 A	19-Mar-21	19-Mar-21	100%	0	\$78,042	John Moss																								
P326P166	Shipment and Delivery of Batch 2 Loads (13 Units)	22-Mar-21 A	26-Mar-21 A	15-Feb-21	19-Feb-21	100%	0	\$0	John Moss																								
P326P176	Receive and Acceptance Test Batch 2 Loads (13 Units)	29-Mar-21 A	09-Apr-21 A	22-Mar-21	26-Mar-21	100%	0	\$7,281	John Moss																								
P326P66	Satisfactory Completion of Delivery and Company Acceptance of all loads inc final docs (Milestone Payment #4)	12-Apr-21 A	30-Apr-21 A	29-Mar-21	29-Mar-21	100%	0	\$58,531	John Moss																								
P326P196	Repair of Batch 1 (10 ea) Loads at Vendor Facility and return to ORNL (NIB)	03-May-21 A	27-Jul-21			0%	40	\$0	John Moss																								
P326P206	Repair of Batch 2 (9 ea) Loads at Vendor Facility and return to ORNL (NIB)	28-Jul-21	22-Sep-21			0%	40	\$0	John Moss																								
P326P216	Repair of Batch 3 (9 ea) Loads at Vendor Facility and return to ORNL (NIB)	23-Sep-21	17-Nov-21			0%	40	\$0	John Moss																								
P.10.03.06 New Linac Modulators		01-Aug-19 A	30-Nov-21	01-Aug-19	02-Dec-21		127	\$4,607,684																									
P.10.03.06.02 Transformer (New Linac Modulators)		03-Sep-19 A	24-Jul-20 A	03-Sep-19	10-Jun-20		0	\$351,845																									
P.10.03.06.02.03 Procure/Fab - Transformer (New Linac Modulators) - (NEP36230)		03-Sep-19 A	24-Jul-20 A	03-Sep-19	10-Jun-20		0	\$351,845																									
P362P22	Prepare SOW and Tech Spec for transformers	03-Sep-19 A	24-Sep-19 A	03-Sep-19	24-Sep-19	100%	0	\$11,411	David E. Anderson																								
P362P32	Procurement Readiness Review (PRR) for transformers	25-Sep-19 A	30-Sep-19 A	25-Sep-19	01-Oct-19	100%	0	\$1,924	David E. Anderson																								
P362MS33	Technical Package to Procurement for transformers (MS)		01-Oct-19 A		01-Oct-19	100%	0	\$0	David E. Anderson																								
P362P42	Procurement Review and Bid for transformers	02-Oct-19 A	07-Oct-19 A	02-Oct-19	29-Oct-19	100%	0	\$1,679	David E. Anderson																								
P362MS88	Issue RFP for transformers (MS)		07-Oct-19 A		29-Oct-19	100%	0	\$0	David E. Anderson																								
P362P36	Solicitation Period for transformers	08-Oct-19 A	15-Oct-19 A	30-Oct-19	19-Dec-19	100%	0	\$5,191	David E. Anderson																								
P362MS98	Solicitation Complete for transformers (MS)		15-Oct-19 A		19-Dec-19	100%	0	\$0	David E. Anderson																								
P362P41	Review and Award Contract for transformers	16-Oct-19 A	18-Oct-19 A	04-Nov-19	04-Nov-19	100%	0	\$4,854	David E. Anderson																								
P362MS46	Award contract for transformers (MS)		18-Oct-19 A		04-Nov-19	100%	0	\$0	David E. Anderson																								
P362P51	Approve vendor drawings for transformer production	21-Oct-19 A	01-Nov-19 A	04-Nov-19	04-Nov-19	100%	0	\$4,761	David E. Anderson																								
P362P53	Fab MS1 XFMR for SCL-MOD-30 - Approval of Drawing	01-Nov-19 A	01-Nov-19 A	05-Nov-19	05-Nov-19	100%	0	\$94,482	David E. Anderson																								
P362P60	Fabricate 1350 kVA transformer for SCL-MOD-30	05-Nov-19 A	05-Jun-20 A	06-Nov-19	11-May-20	100%	0	\$0	David E. Anderson																								
P362P56	Travel for transformer factory acceptance tests	11-May-20 A	13-May-20 A	28-Apr-20	30-Apr-20	100%	0	\$7,324	David E. Anderson																								
P362P55	Fab MS2 XFMR for SCL-MOD-30 - Factory Acceptance Test	14-May-20 A	14-May-20 A	01-May-20	01-May-20	100%	0	\$110,110	David E. Anderson																								
P362P61	Receive 1350kVA transformer SCL-MOD-30 (MS)		05-Jun-20 A		11-May-20	100%	0	\$0	David E. Anderson																								
P362P65	Fab MS3 receipt and acceptance of transformer and documentation within 30 days of shipment	24-Jul-20 A	24-Jul-20 A	10-Jun-20	10-Jun-20	100%	0	\$110,110	David E. Anderson																								
P.10.03.06.03 SCR System		03-Sep-19 A	24-Jul-20 A	03-Sep-19	11-Jun-20		0	\$206,687																									
P.10.03.06.03.03 Procure/Fab - SCR System - (NEP36330)		03-Sep-19 A	24-Jul-20 A	03-Sep-19	11-Jun-20		0	\$206,687																									
P363P90	Prepare SOW and Tech Spec for standard SCR system	03-Sep-19 A	23-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$11,411	David E. Anderson																								
P363P100	Procurement Readiness Review (PRR) for standard SCR system	24-Sep-19 A	30-Sep-19 A	24-Sep-19	30-Sep-19	100%	0	\$1,924	David E. Anderson																								
P363MS108	Technical Package to Procurement for standard SCR system (MS)		30-Sep-19 A		30-Sep-19	100%	0	\$0	David E. Anderson																								
P363P110	Procurement Review and Bid for standard SCR system	02-Oct-19 A	17-Oct-19 A	01-Oct-19	21-Oct-19	100%	0	\$1,679	David E. Anderson																								
P363MS118	Issue RFP for standard SCR system (MS)		07-Oct-19 A		21-Oct-19	100%	0	\$0	David E. Anderson																								

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY																												
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029															
P363P120	Solicitation Period for standard SCR system	08-Oct-19 A	15-Oct-19 A	22-Oct-19	04-Dec-19	100%	0	\$5,191	David E. Anderson																													
P363MS128	Solicitation Complete for standard SCR system (MS)		15-Oct-19 A		04-Dec-19	100%	0	\$0	David E. Anderson																													
P363P36	Review and Award Contract for standard SCR system for SCL-OD-30	16-Oct-19 A	18-Oct-19 A	04-Nov-19	04-Nov-19	100%	0	\$4,854	David E. Anderson																													
P363P41	Approve vendor drawings for standard SCR production	18-Oct-19 A	01-Nov-19 A	05-Nov-19	05-Nov-19	100%	0	\$3,174	David E. Anderson																													
P363MS138	Award contract for standard SCR system for SCL-OD-30 (MS)		18-Oct-19 A		04-Nov-19	100%	0	\$0	David E. Anderson																													
P363P344	Fab MS1 SCR System for SCL-MOD-30 - Approval of Drawing	01-Nov-19 A	01-Nov-19 A	06-Nov-19	06-Nov-19	100%	0	\$51,378	David E. Anderson																													
P363P51a	Fabricate standard SCR system SCL-MOD-30	05-Nov-19 A	05-Jun-20 A	07-Nov-19	12-May-20	100%	0	\$0	David E. Anderson																													
P363P46	Factory acceptance testing for standard SCR	11-May-20 A	13-May-20 A	29-Apr-20	01-May-20	100%	0	\$7,324	David E. Anderson																													
P363P321	Fab MS2 SCR System for SCL-MOD-30 - Factory Acceptance Test	14-May-20 A	14-May-20 A	04-May-20	04-May-20	100%	0	\$59,876	David E. Anderson																													
P363P51	Receive standard SCR system SCL-MOD-30 (MS)		05-Jun-20 A		12-May-20	100%	0	\$0	David E. Anderson																													
P363P354	Fab MS3 SCR System for SCL-MOD-30 - receipt and acceptance of SCR and documentation within 30 days of shipment	24-Jul-20 A	24-Jul-20 A	11-Jun-20	11-Jun-20	100%	0	\$59,876	David E. Anderson																													
P.10.03.06.04 Modulator system		01-Aug-19 A	30-Nov-21	01-Aug-19	02-Dec-21		127	\$4,049,152																														
P.10.03.06.04.03 Procure/Fab - Modulator System - (NEP36430)		01-Aug-19 A	30-Nov-21	01-Aug-19	02-Dec-21		127	\$4,049,152																														
P.10.03.06.04.03.01 Modulator		01-Aug-19 A	22-Nov-21	01-Aug-19	24-Nov-21		123	\$3,745,250																														
P364P41	Prepare SOW and Tech Spec for AT-HVCM build to print modulators	01-Aug-19 A	30-Aug-19 A	01-Aug-19	30-Aug-19	100%	0	\$0	David E. Anderson																													
P364P41b	Prepare SOW and Tech Spec for AT-HVCM build to print modulators - Continued	03-Sep-19 A	23-Sep-19 A	03-Sep-19	17-Sep-19	100%	0	\$761	David E. Anderson																													
P364P130	Procurement Readiness Review (PRR) for AT-HVCM build to print modulators	24-Sep-19 A	30-Sep-19 A	18-Sep-19	24-Sep-19	100%	0	\$1,924	David E. Anderson																													
P364MS148	Technical Package to Procurement for AT-HVCM build to print modulators (MS)		30-Oct-19 A		24-Sep-19	100%	0	\$0	David E. Anderson																													
P364P140	Procurement Review and Bid for AT-HVCM build to print modulators	30-Oct-19 A	05-Nov-19 A	25-Sep-19	05-Nov-19	100%	0	\$1,679	David E. Anderson																													
P364MS158	Issue RFP for AT-HVCM build to print modulators (MS)		01-Nov-19 A		05-Nov-19	100%	0	\$0	David E. Anderson																													
P364P36	Solicitation Period for AT-HVCM build to print modulators	01-Nov-19 A	21-Feb-20 A	06-Nov-19	14-Feb-20	100%	0	\$54,450	David E. Anderson																													
P364MS168	Solicitation Complete for AT-HVCM build to print modulators (MS)		21-Feb-20 A		14-Feb-20	100%	0	\$0	David E. Anderson																													
P364P46	Review and Award Contract for 4 AT-HVCM build to print modulators	24-Feb-20 A	07-Apr-20 A	17-Feb-20	13-Apr-20	100%	0	\$28,723	David E. Anderson																													
P364P51	Award contract for 3 AT-HVCM build to print modulators (MS)		07-Apr-20 A		13-Apr-20	100%	0	\$0	David E. Anderson																													
P364P52	1st AT-HVCM - Vendor Document Prep and Mobilization	08-Apr-20 A	30-Apr-20 A	14-Apr-20	11-May-20	100%	0	\$0	David E. Anderson																													
P364P251	Procure and receive oil for modulator for SCL-MOD-30 (3 totes/modulator; 330 gal/tote) (OLD)	01-Jun-20 A	01-Jun-20 A	14-Apr-20	11-May-20	100%	0	\$15,023	David E. Anderson																													
P364P53	Fabricate 1st AT-HVCM build to print modulator (SCL-MOD-30) (OLD)	01-Jun-20 A	01-Jun-20 A	12-May-20	29-May-20	100%	0	\$5,061	David E. Anderson																													
P364P53a	Fabricate 1st AT-HVCM build to print modulator (SCL-MOD-30) (Point Adjustment)	01-Jun-20 A	01-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	\$1,196	David E. Anderson																													
P364P251a	Procure and receive oil for modulator for SCL-MOD-30 (3 totes/modulator; 330 gal/tote) (Adjustment activity)	01-Jun-20 A	01-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	(\$15,023)	David E. Anderson																													
P364P890	MS 1 Completion of Kickoff meeting	01-Jun-20 A	01-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	\$30,398	David E. Anderson																													
P364P53b	Fabricate 1st AT-HVCM build to print modulator (SCL-MOD-30)	02-Jun-20 A	27-Jul-21	02-Jun-20	06-Jul-21	75%	40	\$0	David E. Anderson																													
P364P930	AT-HVCM Fabrication Oversight FY20 (Jun20-Feb21) (LOE)	02-Jun-20 A	01-Mar-21 A	02-Jun-20	26-Feb-21	100%	0	\$52,467	David E. Anderson																													
P364P900	MS 2 Successful Completion of Project Execution Review	24-Jun-20 A	24-Jun-20 A	24-Jun-20	24-Jun-20	100%	0	\$445,740	David E. Anderson																													

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Year Breakdown																											
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029														
P364P870	MS 7 Completion of FAT 2nd AT-HVCM and Shipment to ORNL	17-Sep-21	17-Sep-21	19-Aug-21	19-Aug-21	0%	1	\$236,638	David E. Anderson																												
P364P296	Receive and Inspect 2nd AT-HVCM build to print modulators (SCL-MOD-28)	20-Sep-21	24-Sep-21	20-Aug-21	26-Aug-21	0%	5	\$17,086	David E. Anderson																												
P364P880	MS 8 Completion of FAT 3rd AT-HVCM and Shipment to ORNL	15-Nov-21	15-Nov-21	17-Nov-21	17-Nov-21	0%	1	\$416,000	David E. Anderson																												
P364P306	Receive and Inspect 3rd AT-HVCM build to print modulators (SCL-MOD-25)	16-Nov-21	22-Nov-21	18-Nov-21	24-Nov-21	0%	5	\$17,618	David E. Anderson																												
P.10.03.06.04.03.02 Modulator GFE		01-Nov-19 A	30-Sep-20 A	01-Nov-19	09-Oct-20		0	\$239,656																													
P364P0010	Fabricate AVX for AT-HVCM GFE	01-Nov-19 A	24-Jun-20 A	01-Nov-19	29-May-20	100%	0	\$0	David E. Anderson																												
P364P0062	Receive IXYS DSDI for AT-HVCM GFE	01-Nov-19 A	01-Nov-19 A	26-Nov-19	26-Nov-19	100%	0	\$3,971	David E. Anderson																												
P364P0020	Fabricate IXYS DSDI for AT-HVCM GFE	01-Nov-19 A	04-Nov-19 A	01-Nov-19	25-Nov-19	100%	0	\$0	David E. Anderson																												
P364P0030	Fabricate IXYS DSEI for AT-HVCM GFE	01-Nov-19 A	27-May-20 A	01-Nov-19	30-Jun-20	100%	0	\$0	David E. Anderson																												
P364P0040	Fabricate Infineon IGBTs for AT-HVCM GFE	01-Nov-19 A	15-Jul-20 A	01-Nov-19	28-Sep-20	100%	0	\$0	David E. Anderson																												
P364P0072	Receive IXYS DSEI for AT-HVCM GFE	28-May-20 A	28-May-20 A	01-Jul-20	01-Jul-20	100%	0	\$6,701	David E. Anderson																												
P364P0012	Receive AVX for AT-HVCM GFE	25-Jun-20 A	25-Jun-20 A	01-Jun-20	01-Jun-20	100%	0	\$167,765	David E. Anderson																												
P364P0034	Package and Ship AVX, IXYS DSDA, and IXYS DSEI GFE to the AT-HVCM Vendor	26-Jun-20 A	29-Jun-20 A	02-Jul-20	06-Jul-20	100%	0	\$643	David E. Anderson																												
P364P0082	Receive Infineon IGBTs for AT-HVCM GFE	16-Jul-20 A	16-Jul-20 A	29-Sep-20	29-Sep-20	100%	0	\$59,933	David E. Anderson																												
P364P0084	Package and Ship Infineon IGBT GFE to the AT-HVCM Vendor	17-Jul-20 A	20-Jul-20 A	30-Sep-20	01-Oct-20	100%	0	\$643	David E. Anderson																												
P364P0046	Required Date for Delivery of AT-HVCM GFEs (spare IGBTs if new are not yet received) to Modulator Vendor (MS)	30-Sep-20 A		09-Oct-20		100%	0	\$0	David E. Anderson																												
P.10.03.06.04.03.03 Oil Cooling Systems		14-Oct-19 A	24-Sep-20 A	01-Nov-19	29-Sep-20		0	\$5,469																													
P364P500	Prepare SOW and Tech Spec for AT-HVCM Oil Cooling Systems	14-Oct-19 A	30-Oct-19 A	01-Nov-19	07-Nov-19	100%	0	\$5,188	David E. Anderson																												
P364P505	Procurement Readiness Review (PRR) for AT-HVCM Oil Cooling Systems	01-Sep-20 A	08-Sep-20 A	08-Nov-19	14-Nov-19	100%	0	\$223	David E. Anderson																												
P364P515	Procurement Review and Bid for AT-HVCM Oil Cooling Systems	09-Sep-20 A	15-Sep-20 A	15-Nov-19	09-Dec-19	100%	0	\$892	David E. Anderson																												
P364P525	Solicitation Period for AT-HVCM Oil Cooling Systems	16-Sep-20 A	16-Sep-20 A	10-Dec-19	21-Jan-20	100%	0	\$2,677	David E. Anderson																												
P364P535	Review and Award Contract for AT-HVCM Oil Cooling Systems	17-Sep-20 A	23-Sep-20 A	22-Jan-20	28-Jan-20	100%	0	\$1,935	David E. Anderson																												
P364P1090	Oil Cooling System Procurement Point Adjustment (PCR-2020-55)	24-Sep-20 A	24-Sep-20 A	01-Sep-20	29-Sep-20	100%	0	(\$5,446)	David E. Anderson																												
P.10.03.06.04.03.05 Vendor Test Equipment GFE		29-Sep-20 A	30-Nov-21	29-Sep-20	02-Dec-21		99	\$58,777																													
P.10.03.06.04.03.05.01 Control Rack		29-Sep-20 A	30-Nov-21	29-Sep-20	02-Dec-21		9	\$42,065																													
P364P700	Install and cable vendor test controller rack	29-Sep-20 A	16-Nov-20 A	29-Sep-20	09-Nov-20	100%	0	\$31,523	David E. Anderson																												
P364P710	Ship rack to vendor	10-May-21 A	17-May-21 A	13-Jan-21	15-Jan-21	100%	0	\$3,177	David E. Anderson																												
P364P720	Vendor Ships rack to ORNL	16-Nov-21	18-Nov-21	18-Nov-21	22-Nov-21	0%	3	\$2,140	David E. Anderson																												
P364P730	Receive rack at ORNL	19-Nov-21	19-Nov-21	23-Nov-21	23-Nov-21	0%	1	\$465	David E. Anderson																												
P364P740	Uninstall old equipment from controller rack	22-Nov-21	30-Nov-21	24-Nov-21	02-Dec-21	0%	5	\$4,760	David E. Anderson																												
P.10.03.06.04.03.05.02 Transformer and SCR		12-Jul-21	22-Nov-21	17-Dec-20	24-Nov-21		95	\$16,713																													
P364P805	Prepare SCR for shipment	12-Jul-21	13-Jul-21	17-Dec-20	18-Dec-20	0%	2	\$3,649	David E. Anderson																												
P364P815	Ship equipment (SCR and XFMR) to vendor	14-Jul-21	16-Jul-21	31-Mar-21	05-Apr-21	0%	3	\$6,297	David E. Anderson																												

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	Fiscal Year Budgets																															
										FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029				
P364P825	Ship equipment (SCR and XFMR) to ORNL	16-Nov-21	18-Nov-21	18-Nov-21	22-Nov-21	0%	3	\$5,350	David E. Anderson																																
P364P835	Receive equipment at ORNL	19-Nov-21	19-Nov-21	23-Nov-21	23-Nov-21	0%	1	\$465	David E. Anderson																																
P364P845	Remove bracing and install fragile items	22-Nov-21	22-Nov-21	24-Nov-21	24-Nov-21	0%	1	\$952	David E. Anderson																																
P.10.03.07 Utilities		03-Sep-19 A	26-Feb-21 A	03-Sep-19	16-Mar-21		0	\$854,493																																	
P.10.03.07.02 Water Utilities - New Cold Linac SCL RF Cooling System (KL-06)		03-Sep-19 A	03-Feb-20 A	03-Sep-19	30-Jan-20		0	\$149,530																																	
P.10.03.07.02.03 Procure/Fab - Water Utilities New Cold Linac SCL RF Cooling System (KL-06) (NEP3723)		03-Sep-19 A	03-Feb-20 A	03-Sep-19	30-Jan-20		0	\$149,530																																	
P372P61	Procure and Award Two Pumps for KL06	03-Sep-19 A	23-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$503	Greg Noman																																
P372P400	Procure and Award Heat Exchanger for KL06	03-Sep-19 A	23-Sep-19 A	03-Sep-19	23-Sep-19	100%	0	\$503	Greg Noman																																
P372P404	Fabricate Heat Exchanger for KL06	24-Sep-19 A	10-Oct-19 A	24-Sep-19	04-Dec-19	100%	0	\$37,230	Greg Noman																																
P372P365	Fabricate Two Pumps for KL06	24-Sep-19 A	03-Feb-20 A	24-Sep-19	30-Jan-20	100%	0	\$111,295	Greg Noman																																
P372P410	Heat Exchanger for KL06 on site (MS)		10-Oct-19 A		04-Dec-19	100%	0	\$0	Greg Noman																																
P372MS031	Pumps for KL06 on site (MS)		03-Feb-20 A		30-Jan-20	100%	0	\$0	Greg Noman																																
P.10.03.07.07 Electrical		03-Sep-19 A	26-Feb-21 A	03-Sep-19	16-Mar-21		0	\$704,963																																	
P.10.03.07.07.03 Procure/Fab - Electrical - (NEP37730)		03-Sep-19 A	26-Feb-21 A	03-Sep-19	16-Mar-21		0	\$619,873																																	
P.10.03.07.07.03.01 General Electrical Procurement		03-Sep-19 A	26-Feb-21 A	03-Sep-19	16-Mar-21		0	\$312,097																																	
P377P224	Procure HPRF (TX) and LLRF (RFC) Cables	03-Sep-19 A	14-Feb-20 A	03-Sep-19	07-Oct-19	100%	0	\$105	Greg Noman																																
P377P225	Fabricate HPRF (TX) and LLRF (RFC) Cables	17-Feb-20 A	21-Feb-20 A	08-Oct-19	11-Dec-19	100%	0	\$0	Greg Noman																																
P377P236	Fabrication of HPRF (TX) and LLRF (RFC) Cables Complete (MS)		21-Feb-20 A		11-Dec-19	100%	0	\$0	Greg Noman																																
P377P226	Receive HPRF (TX) and LLRF (RFC) Cables	24-Feb-20 A	15-May-20 A	12-Dec-19	12-Dec-19	100%	0	\$235,956	Greg Noman																																
P377P226a	Receive HPRF (TX) and LLRF (RFC) Cables - Adjustment	02-Mar-20 A	02-Mar-20 A	02-Mar-20	02-Mar-20	100%	0	(\$96,436)	Greg Noman																																
P377P246	Investigate and Procure Helix Cables	01-May-20 A	18-May-20 A	01-Apr-20	13-May-20	100%	0	\$7,984	Greg Noman																																
P377P256	Fabrication of Helix Cables	01-Jun-20 A	18-Aug-20 A	14-May-20	04-Sep-20	100%	0	\$0	Greg Noman																																
P377P266	Fabrication of Helix Cables Complete (MS)		18-Aug-20 A		04-Sep-20	100%	0	\$0	Greg Noman																																
P377P277	Receive Helix Cables	19-Aug-20 A	21-Sep-20 A	08-Sep-20	08-Sep-20	100%	0	\$88,452	Greg Noman																																
P377P280	Procure Long Lead Times-Microwave Cable	01-Oct-20 A	21-Oct-20 A	01-Oct-20	21-Oct-20	100%	0	\$116	Greg Noman																																
P377P282	Fabricate Long Lead Times-Microwave Cable	22-Oct-20 A	26-Feb-21 A	22-Oct-20	15-Mar-21	100%	0	\$0	Greg Noman																																
P377P284	Receive Long Lead Times-Microwave Cable	26-Feb-21 A	26-Feb-21 A	16-Mar-21	16-Mar-21	100%	0	\$75,920	Greg Noman																																
P.10.03.07.07.03.03 Cryomodule Controls Cabling Procurement		03-Sep-19 A	28-Feb-20 A	03-Sep-19	12-Dec-19		0	\$22,532																																	
P377P295	Procure Beam Line interface materials for all new CMs (tray, Din rail and terminal blocks)	03-Sep-19 A	27-Nov-19 A	03-Sep-19	07-Oct-19	100%	0	\$104	Greg Noman																																
P377P297	Fabricate Beam Line interface materials for all new CMs (tray, Din rail and terminal blocks)	02-Dec-19 A	24-Jan-20 A	08-Oct-19	11-Dec-19	100%	0	\$0	Greg Noman																																
P377P300	Receive Beam Line interface materials for all new CMs (tray, Din rail and terminal blocks)	27-Jan-20 A	28-Feb-20 A	12-Dec-19	12-Dec-19	100%	0	\$22,429	Greg Noman																																
P377P298	Fabricate of Beam Line interface materials for all new CMs Complete (MS)		28-Feb-20 A		11-Dec-19	100%	0	\$0	Greg Noman																																
P.10.03.07.07.03.06 HVCM Cabling Procurement		03-Sep-19 A	15-May-20 A	03-Sep-19	06-Apr-20		0	\$285,244																																	

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29			
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P377P112	Procure HVCM OKOGARD [Loxarmour], 4/0, Dielectric Output Cables Lugs_Spice Kits etc	03-Sep-19 A	14-Feb-20 A	03-Sep-19	07-Oct-19	100%	0	\$105	Greg Noman																	
P377P606	Procure Cable Tray, Hardware, and Ground Plane necessary for Tech. Equip Installation	03-Sep-19 A	14-Feb-20 A	03-Sep-19	07-Oct-19	100%	0	\$105	Greg Noman																	
P377P227	Procure 3 HVCM controls racks	05-Sep-19 A	27-Nov-19 A	05-Sep-19	02-Oct-19	100%	0	\$104	Greg Noman																	
P377P228	Fabricate 3 HVCM controls racks	02-Oct-19 A	03-Mar-20 A	03-Oct-19	06-Apr-20	100%	0	\$34,370	Greg Noman																	
P377P115	Fabrication of HVCM OKOGARD [Loxarmour], 4/0, Dielectric Output Cables Lugs_Spice Kits etc Complete (MS)		14-Feb-20 A		11-Dec-19	100%	0	\$0	Greg Noman																	
P377P113	Fabricate HVCM OKOGARD [Loxarmour], 4/0, Dielectric Output Cables Lugs_Spice Kits etc	17-Feb-20 A	21-Feb-20 A	08-Oct-19	11-Dec-19	100%	0	\$0	Greg Noman																	
P377P607	Fabricate Cable Tray, Hardware, and Ground Plane necessary for Tech. Equip Installation	17-Feb-20 A	21-Feb-20 A	08-Oct-19	11-Dec-19	100%	0	\$0	Greg Noman																	
P377P609	Fabrication of Cable Tray, Hardware, and Ground Plane necessary for Tech. Equip Installation Complete (MS)		21-Feb-20 A		11-Dec-19	100%	0	\$0	Greg Noman																	
P377P116	Receive HVCM OKOGARD [Loxarmour], 4/0, Dielectric Output Cables Lugs_Spice Kits etc	24-Feb-20 A	15-May-20 A	12-Dec-19	12-Dec-19	100%	0	\$72,714	Greg Noman																	
P377P608	Receive Cable Tray, Hardware, and Ground Plane necessary for Tech. Equip Installation	24-Feb-20 A	29-Apr-20 A	12-Dec-19	12-Dec-19	100%	0	\$177,847	Greg Noman																	
P377P229	Fabrication of 3 HVCM controls racks Complete (MS)		03-Mar-20 A		06-Apr-20	100%	0	\$0	Greg Noman																	
P.10.03.07.07.04 Installation - Electrical - (NEP37745)		02-Mar-20 A	29-Jul-20 A	04-Mar-20	10-Aug-20		0	\$85,090																		
P377I236	Relocation of existing Vac, Diagnostic and Cryo Cables and Cable Tray	02-Mar-20 A	09-Mar-20 A	04-Mar-20	31-Mar-20	100%	0	\$17,191	Greg Noman																	
P377I300	Install Cryo Cntrl BLI and Tray for all new cryomodules	20-Jul-20 A	29-Jul-20 A	17-Jul-20	10-Aug-20	100%	0	\$67,898	Greg Noman																	
P.10.03.08 RF Controls		14-Oct-19 A	18-Oct-21	27-Sep-19	20-Aug-21		98	\$104,427																		
P.10.03.08.02 Linac RF Controls		14-Oct-19 A	18-Oct-21	27-Sep-19	20-Aug-21		98	\$104,427																		
P.10.03.08.02.03 Procure/Fab - Linac RF Controls (NEP38230)		14-Oct-19 A	18-Oct-21	27-Sep-19	20-Aug-21		98	\$104,427																		
P382P146	Procure Soft IOC Servers for the HPRF crates	14-Oct-19 A	21-Nov-19 A	27-Sep-19	17-Oct-19	100%	0	\$525	Karen White																	
P382P126	Fabrication of Soft IOC Servers for the HPRF crates	22-Nov-19 A	30-Apr-20 A	18-Oct-19	25-Feb-20	100%	0	\$27,892	Karen White																	
P382P136	Fabrication of Soft IOC Servers for the HPRF crates Completed (MS)		30-Apr-20 A		25-Feb-20	100%	0	\$0	Karen White																	
P382P186	Initial Development of SW factory acceptance testing of Transmitter (Old)	01-Jul-20 A	24-Jul-20 A	01-May-20	23-Jul-20	100%	0	\$1,564	Karen White																	
P382P231	Initial Development of SW factory acceptance testing of Transmitter (Point Adjustment LL-2020-46)	01-Jul-20 A	01-Jul-20 A	24-Jul-20	24-Jul-20	100%	0	(\$1,564)	Karen White																	
P382P241	Initial Development of SW factory acceptance testing of Transmitter	01-Apr-21 A	04-Aug-21	03-Feb-21	26-Apr-21	15%	46	\$33,670	Karen White																	
P382P187	Final Development of SW factory acceptance testing of Transmitter	05-Aug-21	07-Oct-21	27-Apr-21	15-Jul-21	0%	45	\$33,814	Karen White																	
P382P191	Travel to support transmitter SW factory acceptance testing	12-Oct-21	18-Oct-21	16-Aug-21	20-Aug-21	0%	5	\$8,528	Karen White																	
P.10.03.09 RF/SCL Global controls		19-Sep-19 A	30-Nov-20 A	19-Sep-19	25-Nov-20		0	\$379,391																		
P.10.03.09.02 Linac/SCL Timing/MPS		19-Sep-19 A	25-Aug-20 A	19-Sep-19	01-May-20		0	\$288,111																		
P.10.03.09.02.03 Procure/Fab - Linac/SCL Timing/MPS (NEP39230)		19-Sep-19 A	25-Aug-20 A	19-Sep-19	01-May-20		0	\$288,111																		
P392P71	Procurement support (LOE) (Order Materials and Inspect on Arrival)	19-Sep-19 A	17-Feb-20 A	19-Sep-19	17-Feb-20	100%	0	\$5,178	Karen White																	
P392P48	Procure fiber optic transmitter VME transition module	14-Oct-19 A	22-Nov-19 A	19-Sep-19	09-Oct-19	100%	0	\$105	Karen White																	
P392P151	Procure MTCA timing Cards	14-Oct-19 A	22-Nov-19 A	19-Sep-19	09-Oct-19	100%	0	\$105	Karen White																	
P392P161	Procure timing Fan-out modules	14-Oct-19 A	22-Nov-19 A	19-Sep-19	09-Oct-19	100%	0	\$105	Karen White																	
P392P141	Procure MPS Nodes	14-Oct-19 A	22-Nov-19 A	03-Oct-19	23-Oct-19	100%	0	\$105	Karen White																	

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P392P51	Fabrication of fiber optic transmitter VME transition module	25-Nov-19 A	20-Dec-19 A	10-Oct-19	17-Feb-20	100%	0	\$8,676	Karen White															
P392P61	Fabrication of MTCA timing Cards (Old)	25-Nov-19 A	02-Dec-19 A	10-Oct-19	27-Nov-19	100%	0	\$64,854	Karen White															
P392P121	Fabrication of MPS nodes	25-Nov-19 A	25-Aug-20 A	24-Oct-19	02-Mar-20	100%	0	\$85,015	Karen White															
P392P66	Fabrication of timing Fan-out modules	25-Nov-19 A	20-Dec-19 A	10-Oct-19	17-Feb-20	100%	0	\$51,163	Karen White															
P392P161b	Fabrication of MTCA timing Cards - Replan Adjustment	03-Dec-19 A	03-Dec-19 A	02-Dec-19	02-Dec-19	100%	0	(\$64,854)	Karen White															
P392P161c	Fabrication of MTCA timing Cards	04-Dec-19 A	11-Jun-20 A	03-Dec-19	30-Apr-20	100%	0	\$0	Karen White															
P392P91	Fabrication of timing Fan-out modules Completed (MS)		20-Dec-19 A		17-Feb-20	100%	0	\$0	Karen White															
P392P54	Fabrication of Fiber optic transmitter VME transition module Completed (MS)		20-Dec-19 A		17-Feb-20	100%	0	\$0	Karen White															
P392P81	Fabrication of MTCA timing Cards Completed (MS)		11-Jun-20 A		30-Apr-20	100%	0	\$0	Karen White															
P392P161d	Receipt of MTCA timing Cards	12-Jun-20 A	12-Jun-20 A	01-May-20	01-May-20	100%	0	\$137,659	Karen White															
P392P171	Fabrication of MPS Nodes Completed (MS)		25-Aug-20 A		02-Mar-20	100%	0	\$0	Karen White															
P.10.03.09.03 Linac/SCL Protection System		01-Apr-20 A	30-Nov-20 A	14-Apr-20	25-Nov-20		0	\$91,280																
P.10.03.09.03.03 Procure/Fab - Linac/SCL Protection System (NEP39330)		01-Apr-20 A	30-Nov-20 A	14-Apr-20	25-Nov-20		0	\$91,280																
P393P79	Procure RF XMTR PPS Interface Chassis	01-Apr-20 A	28-May-20 A	01-May-20	21-May-20	100%	0	\$112	Karen White															
P393P74	Procure HVCM PPS Interface Chassis	01-Apr-20 A	28-May-20 A	14-Apr-20	04-May-20	100%	0	\$112	Karen White															
P393P76	Fabrication of HVCM PPS Interface Chassis (Old)	01-Jun-20 A	01-Jul-20 A	05-May-20	30-Jun-20	100%	0	\$4,410	Karen White															
P393P81	Fabrication of RF XMTR PPS Interface Chassis (Old)	01-Jun-20 A	01-Jul-20 A	22-May-20	31-Jul-20	100%	0	\$25,464	Karen White															
P393P76a	Fabrication of HVCM PPS Interface Chassis (Point Adj in July PCR LL-2020-44)	02-Jul-20 A	02-Jul-20 A	01-Jul-20	01-Jul-20	100%	0	(\$4,410)	Karen White															
P393P81a	Fabrication of RF XMTR PPS Interface Chassis (Point Adj in July PCR LL-2020-44)	02-Jul-20 A	02-Jul-20 A	03-Aug-20	03-Aug-20	100%	0	(\$25,464)	Karen White															
P393P76b	Fabrication of HVCM PPS Interface Chassis	06-Jul-20 A	28-Oct-20 A	02-Jul-20	29-Oct-20	100%	0	\$0	Karen White															
P393P81b	Fabrication of RF XMTR PPS Interface Chassis	06-Jul-20 A	02-Nov-20 A	04-Aug-20	29-Oct-20	100%	0	\$0	Karen White															
P393P500	Procure and Receive PPU Scope of CAB04 PLC Equipment	01-Sep-20 A	29-Sep-20 A	01-Sep-20	15-Sep-20	100%	0	\$18,559	Karen White															
P393P510	Procure and Receive PPU Scope of CAB04 Replacement	01-Sep-20 A	18-Nov-20 A	01-Sep-20	15-Sep-20	100%	0	\$16,059	Karen White															
P393P76c	Receive and Inspect HVCM PPS Interface Chassis (4)	29-Oct-20 A	30-Oct-20 A	30-Oct-20	02-Nov-20	100%	0	\$19,206	Karen White															
P393P78	Fabrication of HVCM PPS Interface Chassis Complete (MS)		29-Oct-20 A		29-Oct-20	100%	0	\$0	Karen White															
P393P83	Fabrication of RF XMTR PPS Interface Chassis Completed (MS)		02-Nov-20 A		29-Oct-20	100%	0	\$0	Karen White															
P393P81c	Receive and Inspect RF XMTR PPS Interface Chassis (6)	02-Nov-20 A	03-Nov-20 A	30-Oct-20	02-Nov-20	100%	0	\$29,347	Karen White															
P393P520	FAT/QA PPU Scope of CAB04 Replacement	13-Nov-20 A	16-Nov-20 A	15-Oct-20	16-Oct-20	100%	0	\$2,319	Karen White															
P393P530	Lab Test PPU Scope of CAB04 Replacement	19-Nov-20 A	30-Nov-20 A	19-Oct-20	25-Nov-20	100%	0	\$5,567	Karen White															
P.10.06 Conventional Facilities		17-May-19 A	26-Jul-21	17-May-19	26-Jul-21		39	\$8,202,362																
P.10.06.02 Building Modifications		17-May-19 A	26-Jul-21	17-May-19	26-Jul-21		39	\$8,202,362																
P.10.06.02.01 Klystron Gallery Building Modifications		17-May-19 A	26-Jul-21	17-May-19	26-Jul-21		39	\$8,133,961																
P.10.06.02.01.03 Procure/Fab - Klystron Gallery Building Modifications		17-May-19 A	26-Jul-21	17-May-19	26-Jul-21		39	\$8,133,961																

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29
										F	F	F	F	F	F	F	F	F	F	F	F	F	F
P:10.06.02.01.03.01	Procure/Fab - Klystron Gallery Building Modifications (Non-LOE) - (NEP62130)	17-May-19 A	10-Jun-21	17-May-19	01-Apr-21		8	\$7,243,407															
P621P106	Solicitation of Interest and Preparation of Bid Package by Procurement	17-May-19 A	30-Jul-19 A	17-May-19	30-Jul-19	100%	0	\$0	Mark Connell														
P621P66	Generate Procurement Package for Klystron Gallery Construction	23-Jul-19 A	15-Aug-19 A	23-Jul-19	15-Aug-19	100%	0	\$0	Mark Connell														
P621P146	Technical Package to Procurement for Klystron Gallery Construction (MS)		23-Jul-19 A		23-Jul-19	100%	0	\$0	Mark Connell														
P621P76	Procurement Readiness Review (PRR) for Klystron Gallery Construction	01-Aug-19 A	08-Aug-19 A	01-Aug-19	08-Aug-19	100%	0	\$0	Mark Connell														
P621P156	Technical Package to Procurement for Klystron Gallery Construction		08-Aug-19 A		08-Aug-19	100%	0	\$0	Mark Connell														
P621P86	Procurement Review for Klystron Gallery Construction	08-Aug-19 A	29-Aug-19 A	08-Aug-19	29-Aug-19	100%	0	\$0	Mark Connell														
P621P116	Issue RFP for Klystron Gallery Construction (MS)		29-Aug-19 A		29-Aug-19	100%	0	\$0	Mark Connell														
P621P126	Solicitation Period for Klystron Gallery Construction	03-Sep-19 A	08-Nov-19 A	03-Sep-19	28-Oct-19	100%	0	\$3,301	Mark Connell														
P621P26	Review and Award Contract for Klystron Gallery Construction	14-Oct-19 A	20-Dec-19 A	29-Oct-19	05-Dec-19	100%	0	\$2,519	Mark Connell														
P621P136	Solicitation Complete for Klystron Gallery Construction (MS)		08-Nov-19 A		28-Oct-19	100%	0	\$0	Mark Connell														
P621P96	Award Klystron Gallery Construction (MS)		20-Dec-19 A		05-Dec-19	100%	0	\$0	Mark Connell														
P621P10	Klystron Gallery Construction - Vendor Document Prep and Mobilization Period	14-Jan-20 A	11-Feb-20 A	14-Jan-20	11-Feb-20	100%	0	\$0	Mark Connell														
P621P11	Klystron Gallery Construction	12-Feb-20 A	28-Feb-20 A	12-Feb-20	28-Feb-20	100%	0	\$268,560	Mark Connell														
P621P11a	Klystron Gallery Construction - Adjustment	02-Mar-20 A	02-Mar-20 A	02-Mar-20	02-Mar-20	100%	0	(\$268,560)	Mark Connell														
P621P11b	Klystron Gallery Construction - (March 2020 Forward)	03-Mar-20 A	10-Jun-21	03-Mar-20	31-Mar-21	99%	8	\$6,611,416	Mark Connell														
P621P400	TRCC Carts Installed	29-May-20 A		30-Jun-20		100%	0	\$0	Mark Connell														
P621P380	Transformer Pads Complete	02-Jun-20 A		29-May-20		100%	0	\$0	Mark Connell														
P621P14	KG Construction Contract CFCOs 2 & 3 Fix Elec dwg definciencies and Transformer Drip Shields	29-Jun-20 A	31-Aug-20 A	31-Jul-20	31-Jul-20	100%	0	\$26,582	Mark Connell														
P621P390	Pump Room Ready for Equipment	03-Aug-20 A		31-Jul-20		100%	0	\$0	Mark Connell														
P621P410	KG Construction Contract CFCO-4	03-Aug-20 A	31-Mar-21 A	03-Aug-20	03-Aug-20	100%	0	\$35,991	Mark Connell														
P621P13	KG Construction Contract CFCO-1 Missing Mech Drawing	29-Sep-20 A	29-Sep-20 A	31-Jul-20	31-Jul-20	100%	0	\$5,967	Mark Connell														
P621P420	KG Construction Contract CFCO-5	30-Sep-20 A	30-Sep-20 A	30-Sep-20	30-Sep-20	100%	0	\$32,153	Mark Connell														
P621P450	KG Construction Contract CFCO-7	18-Dec-20 A	18-Dec-20 A	18-Dec-20	18-Dec-20	100%	0	\$17,478	Mark Connell														
P621P460	KG Construction Contract CFCO-8 (DI Water and process water insulation)	18-Dec-20 A	18-Dec-20 A	26-Feb-21	26-Feb-21	100%	0	\$17,478	Mark Connell														
P621P440	KG Construction Contract CFCO-6 (UPS w/xfmr and Breaker Kit)	04-Jan-21 A	04-Jan-21 A	04-Jan-21	04-Jan-21	100%	0	\$21,102	Mark Connell														
P621P61	Klystron Gallery integrated system testing - Old	01-Feb-21 A	01-Feb-21 A	05-Oct-20	02-Dec-20	100%	0	\$56,687	Mark Connell														
P621P61a	Klystron Gallery integrated system testing - PointAdj PCR LL-2021-10	01-Feb-21 A	01-Feb-21 A	01-Feb-21	01-Feb-21	100%	0	(\$55,597)	Mark Connell														
P621P470	KG Construction Contract Mod 10 (CFCO 9 and 10)	02-Feb-21 A	31-Mar-21 A	02-Feb-21	31-Mar-21	100%	0	\$103,897	Mark Connell														
P621P745	KG Construction Contract CFCO-11	31-Mar-21 A	31-Mar-21 A	01-Apr-21	01-Apr-21	100%	0	\$21,147	Mark Connell														
P621P735	Materials to support DI water flushing of AC piping	01-Apr-21 A	30-Apr-21 A	01-Feb-21	31-Mar-21	100%	0	\$10,400	Mark Connell														
P621P61b	Klystron Gallery integrated system testing	01-Apr-21 A	10-Jun-21	04-Mar-21	31-Mar-21	25%	8	\$56,687	Mark Connell														
P621PM01	Klystron Gallery Ready for Phase 1 (MS: CF Construction of Klystron Gallery Complete)		06-Apr-21 A		01-Apr-21	100%	0	\$0	Mark Connell														

Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P621P430	Reversal of charges for erroneous Oct charges for the Leak Repair Effort	03-May-21 A	03-May-21 A	02-Nov-20	02-Nov-20	100%	0	(\$4,334)	Mark Connell															
P:10.06.02.01.03.01.02 Medium Voltage Switch Procurement		04-Oct-19 A	30-Sep-20 A	04-Oct-19	01-Oct-20		0	\$280,534																
P621P200	Procurement Readiness Review for Three Medium Voltage Switches	04-Oct-19 A	07-Oct-19 A	04-Oct-19	07-Oct-19	100%	0	\$2,054	Mark Connell															
P621P310	Procurement Review and Bid for Three Medium Voltage Switches	08-Oct-19 A	14-Oct-19 A	08-Oct-19	14-Oct-19	100%	0	\$105	Mark Connell															
P621P230	Issue RFP for Three Medium Voltage Switches (MS)		14-Oct-19 A		14-Oct-19	100%	0	\$0	Mark Connell															
P621P240	Solicitation Period for Three Medium Voltage Switches	15-Oct-19 A	28-Oct-19 A	15-Oct-19	28-Oct-19	100%	0	\$1,262	Mark Connell															
P621P250	Solicitation Complete for Three Medium Voltage Switches (MS)		28-Oct-19 A		28-Oct-19	100%	0	\$0	Mark Connell															
P621P260	Review and Award Contract for Three Medium Voltage Switches	29-Oct-19 A	04-Nov-19 A	29-Oct-19	04-Nov-19	100%	0	\$1,787	Mark Connell															
P621P270	Award Contract for Three Medium Voltage Switches (MS)		04-Nov-19 A		04-Nov-19	100%	0	\$0	Mark Connell															
P621P280	Fabrication of Three Medium Voltage Switches	05-Nov-19 A	08-Jun-20 A	05-Nov-19	08-Jun-20	100%	0	\$0	Mark Connell															
P621P105	Management and System Integration during construction (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$15,132	Mark Connell															
P621P320	Factory Inspection of Three Medium Voltage Switches	01-Jun-20 A	02-Jun-20 A	09-Jun-20	10-Jun-20	100%	0	\$8,595	Mark Connell															
P621P290	Fabrication of Three Medium Voltage Switches Complete (MS)		08-Jun-20 A		08-Jun-20	100%	0	\$0	Mark Connell															
P621P330	Shipping of Three Medium Voltage Switches	11-Jun-20 A	17-Jun-20 A	11-Jun-20	17-Jun-20	100%	0	\$0	Mark Connell															
P621P340	Receipt of Three Medium Voltage Switches	18-Jun-20 A	18-Jun-20 A	18-Jun-20	18-Jun-20	100%	0	\$251,598	Mark Connell															
P621P300	Estimated Date Medium Voltage Switches need to be provided to the KG Construction Contractor (MS)	30-Sep-20 A		01-Oct-20		100%	0	\$0	Mark Connell															
P:10.06.02.01.03.02 Procure/Fab - Klystron Gallery Building Modifications (LOE) - (NEP62135)		06-Jan-20 A	26-Jul-21	14-Jan-20	26-Jul-21		39	\$890,554																
P621P56	Subcontract Administration (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$1,430	Mark Connell															
P621P41	Construction Support (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$18,985	Mark Connell															
P621P46	Construction Management (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$17,153	Mark Connell															
P621P36	FMD Support (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$7,515	Mark Connell															
P621P21	AE Support During Klystron Gallery Construction (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$29,022	Mark Connell															
P621P51	Field Support (Fire Department) (LOE)	06-Jan-20 A	28-Feb-20 A	14-Jan-20	28-Feb-20	100%	0	\$1,503	Mark Connell															
P621P56a	Subcontract Administration (LOE) Part 2 (FY20)	02-Mar-20 A	30-Sep-20 A	02-Mar-20	30-Sep-20	100%	0	\$6,246	Mark Connell															
P621P41a	Construction Support (LOE) Part 2	02-Mar-20 A	04-Feb-21 A	02-Mar-20	04-Feb-21	100%	0	\$126,328	Mark Connell															
P621P46a	Construction Management (LOE) Part 2	02-Mar-20 A	04-Feb-21 A	02-Mar-20	04-Feb-21	100%	0	\$167,471	Mark Connell															
P621P36a	FMD Support (LOE) Part 2	02-Mar-20 A	04-Feb-21 A	02-Mar-20	04-Feb-21	100%	0	\$46,801	Mark Connell															
P621P21a	AE Submittal Support (LOE) Part 2	02-Mar-20 A	30-Apr-20 A	02-Mar-20	30-Apr-20	100%	0	\$28,901	Mark Connell															
P621P51a	Field Support (Fire Department) (LOE) Part 2	02-Mar-20 A	04-Feb-21 A	02-Mar-20	04-Feb-21	100%	0	\$9,360	Mark Connell															
P621P105a	Management and System Integration during construction (LOE) Part 2	02-Mar-20 A	04-Feb-21 A	02-Mar-20	04-Feb-21	100%	0	\$102,239	Mark Connell															
P621P21d	AE Support During Klystron Gallery Construction (LOE) - Adjustment	02-Mar-20 A	02-Mar-20 A	02-Mar-20	02-Mar-20	100%	0	(\$21,549)	Mark Connell															
P621P21b	AE Construction Support (LOE) Part 2	01-May-20 A	04-Feb-21 A	01-May-20	04-Feb-21	100%	0	\$42,083	Mark Connell															
P621P56b	Subcontract Administration (LOE) Part 2 (FY21)	01-Oct-20 A	05-Apr-21 A	01-Oct-20	05-Apr-21	100%	0	\$5,134	Mark Connell															

May FY2021 Status Schedule			WBS - Detailed Sep21 IPR v1							13-Aug-21 10:06														
Activity ID	Activity Name	Start	Finish	BL Start	BL Finish	% Complete	Rem Dur	Budgeted Total Cost	CAM	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	29	
										F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
P621P720	Management and System Integration during construction (LOE) Part 3	05-Feb-21 A	31-Mar-21 A	05-Feb-21	31-Mar-21	100%	0	\$34,860	Mark Connell															
P621P710	Construction Management (LOE) Part 3	05-Feb-21 A	31-Mar-21 A	05-Feb-21	31-Mar-21	100%	0	\$41,435	Mark Connell															
P621P490	FMD Support (LOE) Part 3	05-Feb-21 A	31-Mar-21 A	05-Feb-21	31-Mar-21	100%	0	\$9,071	Mark Connell															
P621P715	Field Support (Fire Department) (LOE) Part 3	05-Feb-21 A	31-Mar-21 A	05-Feb-21	31-Mar-21	100%	0	\$1,814	Mark Connell															
P621P705	Construction Support (LOE) Part 3	05-Feb-21 A	31-Mar-21 A	05-Feb-21	31-Mar-21	100%	0	\$21,150	Mark Connell															
P621P21c	AE Closeout Support (LOE) Part 2	01-Apr-21 A	26-Jul-21	01-Apr-21	26-Jul-21	51.25%	39	\$131,317	Mark Connell															
P621P65	Closeout activities PM/CFR (LOE)	01-Apr-21 A	23-Jul-21	01-Apr-21	23-Jul-21	51.9%	38	\$35,859	Mark Connell															
P621P67	Documentation & Close Out (LOE)	01-Apr-21 A	23-Jul-21	01-Apr-21	23-Jul-21	51.9%	38	\$26,428	Mark Connell															
P.10.06.02.03 Facility HVAC and Water Controls		14-Oct-19 A	14-Feb-20 A	03-Sep-19	26-Nov-19		0	\$68,400																
P.10.06.02.03.03 Procure/Fab - Facility HVAC and Water Controls - (NEP62330)		14-Oct-19 A	14-Feb-20 A	03-Sep-19	26-Nov-19		0	\$68,400																
P623P54	Procure I/O panel for DI Water and HVAC Controls	14-Oct-19 A	15-Nov-19 A	03-Sep-19	09-Sep-19	100%	0	\$433	Karen White															
P623P56	Fabricate I/O panel for DI Water and HVAC Controls	18-Nov-19 A	03-Jan-20 A	10-Sep-19	25-Nov-19	100%	0	\$5,188	Karen White															
P623P66	Receive I/O panel for DI Water and HVAC Controls	06-Jan-20 A	14-Feb-20 A	26-Nov-19	26-Nov-19	100%	0	\$62,780	Karen White															
P623MS01	Fabrication of DI Water and HVAC Controls Enclosure Complete and Available for KG Constructon (MS)		14-Feb-20 A		26-Nov-19	100%	0	\$0	Karen White															