

Office of River Protection Planning Information				
PBS	SCOPE DESCRIPTION	FY 2019 Range (\$000)	FY 2019 Cum Range (\$000)	Scope Description
ORP-0014	TF Base Operations	289,000 - 354,000	289,000 - 354,000	- Maintain Tank Farms in a safe configuration - Continue Preventive and Corrective Maintenance activities for regulatory and environmental compliance - Required training and qualifications of operations personnel
ORP-0014	TF Support Services and Site Wide Services	45,000 - 55,000	334,000 - 409,000	- Continue ORP Program Support Contracts (GSSC Support, WAI) - Mission critical site activities (Emergency Preparedness, Rent, Power, Laundry, Steam)
ORP-0014	HQs EM Holdback or Tax	9,000 - 11,000	343,000 - 420,000	HQ Management Initiatives
ORP-0014	Tank Farm Infrastructure	40,000 - 49,000	383,000 - 469,000	- Tank Farm Projects Oversight - Exhauster Upgrades - Complete two DST Transfer Pump Replacements
ORP-0014	222-S Operations and Mission Required Modifications	40,000 - 50,000	423,000 - 519,000	- Operate and maintain the 222-S Lab and associated facilities in a safe and efficient manner - Maintain Facility Reliability - Procure and Install Analytical Equipment Replacements
ORP-0014	DST Space Management/242-A Operations	12,000 - 14,000	435,000 - 533,000	- Continue Performing Tank Waste Volume Management and Catch Tank Pumping - Operations and maintenance of the 242-A Evaporator - Perform Evaporator Campaigns to manage DST tank waste volume - Perform DST to DST Transfer
ORP-0014	Effluent Treatment Facility Operations/Mission Required Modifications	23,000 - 29,000	458,000 - 562,000	- Maintenance and operations of the Effluent Treatment Facility - LERF Campaigns - Procure pumps and Valves - Design load-in drain and filter system
ORP-0014	Tank Integrity Program (DST/SST/Facility)	13,000 - 16,000	471,000 - 578,000	- SST Integrity Visual Inspections - DST Integrity Ultrasonic Testing and enhanced annulus visual inspections - Waste Transfer System Encasement Testing - Tank Chemistry Control, Tank Integrity Chemistry & Corrosion
ORP-0014	Tank Farm Vapors	20,000 - 26,000	497,000 - 604,000	- Vapor Monitoring and Detection System Upgrades for Exhaust Stacks and Farm Boundaries - Vapor Abatement including Strobic Air Dilution and NUCON - Thermal Destruction of Vapors (as feasible from discovery efforts FY17-18) - SST Farm Automation Upgrades
ORP-0014	C Retrieval	60 - 72	497,060 - 604,072	No funding requested in BY. Retrievals complete in FY 18, report finalized in FY 2019.
ORP-0014	Tank Farm Modifications to support DFLAW	19,000 - 23,000	516,060 - 627,072	- Continue to perform Tank Farm upgrades to tanks AP-105 and 106 to provide feed to the Tank Side Cesium Removal (TSCR) equipment. - Continue modifications to the existing waste transfer lines which will provide feed between TSCR and AP tank farm.
ORP-0014	Critical Infrastructure (GPP)	4,000 - 5,000	520,060 - 632,072	Complete construction of the sss-SL Cold Lab
ORP-0014	IDF Perf. Assessment, WIR, and RCRA Mods (DFLAW)	1,000 - 1,300	521,060 - 633,372	- Performance Assessment activities for DFLAW - Review and approval of WIR - ILAW Transporter PSSD Complete
ORP-0014	LAWPS 15-D- 409	50,000 - 62,000	571,060 - 695,372	- Design and procurement the Tank Side Cesium Removal equipment - Continue construction of three pads required for TSCR
ORP-0014	A/AX Retrieval	82,700 - 100,000	653,760 - 795,372	Continue construction of three pads required for TSCR: - Pad for used ion-exchange columns - Pad for new Ion-exchange columns - Pad for TSCR to sit on
ORP-0014	Interim Barriers	6,000 - 7,000	659,760 - 802,372	- Barrier activities
ORP-0014	SST Closure (C Farm)	500 - 600	660,260 - 802,972	- C Farm Performance Assessment
ORP-0014	IHLW/ILAW Storage, Sec Waste Treat, Waste Projs	2,600 - 3,200	662,860 - 806,172	- ILAW Transports
ORP-0060	Clin 1 & 2 LBL-DFLAW Completion	590,000 - 720,500	1,252,860 - 1,526,672	- LAB startup and commissioning activities - Support BOF construction, startup, and commissioning activities - Support DFLAW engineering and construction activities - Support facility services commissioning activities - Support LAW engineering, construction, startup, and commissioning activities.
ORP-0060	DOE Contingency Funding (LBL)	4,500 - 5,500	1,257,360 - 1,532,172	- LAB startup and commissioning activities - Support BOF construction, startup, and commissioning activities - Support DFLAW engineering and construction activities - Support facility services commissioning activities - Support LAW engineering, construction, startup, and commissioning activities.
ORP-0060	HLW Min Safe/Preservation	13,500 - 16,500	1,270,860 - 1,548,672	
ORP-0060	PT Min Safe/Preservation	13,500 - 16,500	1,284,360 - 1,565,172	
ORP-0070	WTP Operations	13,500 - 16,500	1,297,860 - 1,581,672	- Joint development of the transition plan which is essential to support efficient transition of an operational facility while sustaining readiness and operational capability.