

Activity ID	Activity Description	Early Start	Early Finish	Budgeted Cost	FY07		FY08		FY09		FY10		FY11	
					J	F	J	F	J	F	J	F	J	F
					M	A	M	J	M	A	M	J	M	A
<b>1 LCLS PROJECT - PED &amp; CONSTRUCTION</b>														
<b>1.01 LCLS PROJECT MGMT, PLANNING &amp; ADMN (TEC)</b>														
<b>1.01.03 Technical Integration</b>														
+ 1.01.03.05 Global Controls														
		07/02/07	08/02/10	1,058,831										
<b>1.02 INJECTOR SYSTEM</b>														
<b>1.02.02 Injector Controls Subsystem</b>														
+ 1.02.02.13 Laser Heater Controls														
		05/29/09	08/10/09	97,863										
<b>1.03 LINAC SYSTEM</b>														
<b>1.03.02 Linac Controls &amp; Power Conversion Subsystem</b>														
+ 1.03.02.01 Personnel Protection System (PPS)														
		07/02/07	06/05/08	658,056										
+ 1.03.02.02 Beam Containment System (BCS)														
		07/02/07	06/20/08	264,723										
+ 1.03.02.03 Machine Protection System (MPS)														
		09/04/07	07/18/08	244,742										
+ 1.03.02.04 Linac Power Conversion Subsystem														
		07/02/07	04/03/08	2,826,241										
+ 1.03.02.05 Controls - LLRF														
		07/02/07	10/21/08	691,363										
+ 1.03.02.06 Controls - E-Beam Diagnostic														
		07/02/07	05/11/09	922,830										
+ 1.03.02.08 Controls - Timing														
		07/02/07	11/27/07	478,122										
+ 1.03.02.09 Controls - Vacuum														
		07/02/07	06/26/08	288,980										
+ 1.03.02.10 Software & Controls Infrastructure														
		07/02/07	02/13/09	1,074,827										
<b>1.04 UNDULATOR SYSTEM</b>														
<b>1.04.02 Controls</b>														
+ 1.04.02.08 Undulator Magnet Power Supplies														
		07/02/07	04/15/08	318,128										
+ 1.04.02.10 Undulator Control Module														
		07/02/07	03/05/08	1,154,250										
+ 1.04.02.12 Rack and Cable														
		07/02/07	03/21/08	761,656										
+ 1.04.02.13 BPM														
		01/02/08	01/17/08	4,297										
+ 1.04.02.14 Long Term Test Prep														
		01/02/08	01/30/08	7,456										
+ 1.04.02.17 Undulator Controls - Management														
		07/02/07	09/30/08	143,904										
+ 1.04.02.20 Undulator MPS														
		10/01/07	05/28/08	176,412										

Activity ID	Activity Description	Early Start	Early Finish	Budgeted Cost	FY07		FY08		FY09		FY10		FY11	
					J	F	J	F	J	F	J	F	J	F
					M	A	M	J	A	S	O	N	D	J
<b>+ 1.04.02.21 Undulator Controls - Timing</b>														
		01/02/08	04/25/08	153,638										
<b>+ 1.04.02.22 Undulator Controls - BPM</b>														
		07/02/07	03/27/08	171,124										
<b>+ 1.04.02.23 Undulator Controls - Vacuum</b>														
		01/02/08	07/07/08	233,910										
<b>+ 1.04.02.24 Undulator Controls - ADS System</b>														
		03/03/08	03/31/08	6,574										
<b>1.05 X-RAY TRANSPORT &amp; DIAGNOSTICS SYSTEMS</b>														
<b>1.05.02 Controls</b>														
<b>+ 1.05.02.01 Controls</b>														
		07/02/07	06/26/09	1,884,734										
<b>1.06 X-RAY END STATION SYSTEMS</b>														
<b>1.06.02 Controls Subsystem</b>														
<b>+ 1.06.02.01 Controls Management</b>														
		07/02/07	07/30/10	584,220										
<b>+ 1.06.02.07 AMOS Experiment Controls X1</b>														
		07/02/07	06/18/09	2,227,271										
<b>+ 1.06.02.08 AMOS Particle Imaging Controls</b>														
		07/02/07	06/10/09	141,849										
<b>+ 1.06.02.10 Global Controls System</b>														
		07/02/07	02/17/10	4,931,910										
<b>+ 1.06.02.11 Laser Controls</b>														
		03/18/08	12/09/08	184,327										
<b>2 LCLS PROJECT - R&amp;D, SPARES, COMMISSIONING</b>														
<b>2.01 LCLS PROJECT MGMT, PLANNING &amp; ADMN (OPC)</b>														
<b>2.01.01 LCLS Commissioning Mgmt &amp; Physics Support</b>														
<b>+ 2.01.01.11 Global Controls OPC</b>														
		07/02/07	12/09/09	198,746										
<b>2.02 INJECTOR SYSTEM (OPC)</b>														
<b>2.02.02 Injector Controls Subsystem</b>														
<b>+ 2.02.02.04 Power Conv (beamline pwr supp) Spares</b>														
		07/02/07	01/07/08	15,045										
<b>2.03 LINAC SYSTEM (OPC)</b>														
<b>2.03.02 Linac Controls &amp; Power Conversion Subsystem</b>														
<b>+ 2.03.02.04 Power Conversion</b>														
		07/02/07	12/14/07	89,915										
<b>2.04 UNDULATOR SYSTEM (OPC)</b>														
<b>2.04.02 Controls</b>														
<b>+ 2.04.02.01 Controls Management and Integration</b>														
		10/03/08	12/02/08	96,189										

Activity ID	Activity Description	Early Start	Early Finish	Budgeted Cost	Fiscal Year Breakdown																		
					FY07			FY08			FY09			FY10			FY11						
					J	F	M	J	F	M	J	F	M	J	F	M	J	F					
<b>2.06 X-RAY END STATION SYSTEMS (OPC)</b>																							
<b>2.06.02 Controls Subsystem</b>																							
<b>+ 2.06.02.04 LBNL Laser Timing</b>																							
		07/02/07	09/30/09	1,353,346																			
<b>+ 2.06.02.08 2-D X-Ray Detector Controls</b>																							
		07/02/07	12/17/08	32,943																			