

U.S. CMS Detector Operations Change Control Activity						
WBS	Subsystem	Change Request Number	Description of Change	CY18 Q2 Plan	Change \$	CY18 Q3 Plan
11	Endcap Muon	CR-034	UC Riverside, Wisconsin, Northeastern COLA	\$1,802,183	\$28,429	\$1,830,611
	Endcap Muon MEX/1	Adjust, CR-035	Labor rate adjustments prior to SOW; Ohio State M&S for prototype adaptor boards	\$2,106,618	\$3,269	\$2,109,887
12	Hardon Calorimeter	CR-049, 050, 051, 052, SOW	Brown, Riverside, Maryland COLA; Reduce Notre Dame labor and M&S; Add Princeton Labor and M&S for ngCCM boxes	\$2,105,120	\$40,189	\$2,145,309
13	Trigger	CR-024, 025, 026	M&O-B; Labor cost reduction for Florida; COLA changes; New SOW for FNAL engineering labor	\$843,318	\$58,751	\$902,069
14	Data Acquisition	CR-010	CERN TA Labor support for Online Monitoring System	\$1,125,360	\$11,561	\$1,136,920
15	Electromagnetic Calorimeter	CR-021, 022	Notre Dame, Minnesota, FSU COLA changes; FSU COLA increase	\$755,615	\$14,063	\$769,677
16/17	Tracker (Fpix & SiTrk)	CR-013, 014, 015, 016	M&O-B payment change and exchange rate; FNAL labor and travel; Rutgers labor for Token Bit Manager chip	\$976,961	\$8,589	\$985,550
18	Detector Support			\$121,058	\$0	\$121,058
19	BRIL	CR-005	Tennessee labor for PLT operations and testing	\$299,339	\$58,915	\$358,254
11-19	Detector Operations			\$10,135,572	\$223,765	\$10,359,337
U.S. CMS Common Operations Change Control Activity						
WBS	Subsystem	Change Request Number	Description of Change	CY18 Q2 Plan	Change \$	CY18 Q3 Plan
21.2	Common Costs (M&OA)	CR-016, 018	M&O-A exchange rate favorable for all three installments	\$4,373,615	(\$292,474)	\$4,081,142
21.3	Run Coord. and Monitoring			\$162,881	\$0	\$162,881
21.4	LHC Physics Center			\$772,936	\$0	\$772,936
21.5	Operations Support	CR-113, 114, 115, 117, SOW	Reduce FNAL labor; KSU MTD CC prototype labor and M&S; MIT labor; CERN TA MTD sensor Labor; FNAL MTD engineering; SMU MTD ASICs engineer	\$1,023,000	\$821,548	\$1,844,548
21.6	Program Office			\$1,057,448	\$0	\$1,057,448
21.7	Education and Outreach			\$110,585	\$0	\$110,585
21	Common Operations			\$7,500,465	\$529,074	\$8,029,539
U.S. CMS Software and Computing Change Control Activity						
WBS	Subsystem	Change Request Number	Description of Change	CY18 Q2 Plan	Change \$	CY18 Q3 Plan
22.1	Fermilab Facilities			\$6,141,149	\$0	\$6,141,149
22.2	University Facilities	Adjust	Reduced Tier-2 equipment funding plan prior to SOWs	\$3,707,159	(\$678,251)	\$3,028,909
22.3	Computing Operations	CR-023	Nebraska M&S for server as part of OSG bridging	\$877,578	\$11,009	\$888,587
22.4	Computing Infra. and Services	Adjust	Personnel changes	\$2,730,531	\$27,559	\$2,758,090
22.5	Software and Support			\$2,488,770	\$0	\$2,488,770
22.6	S&C Program Management & CMS Coordination	Adjust	Adjustment prior to SOW	\$415,542	\$4,881	\$420,423
22	Software and Computing			\$16,360,728	(\$634,801)	\$15,725,928
U.S. CMS Operations Program Total				\$33,996,766	\$118,038	\$34,114,804