

WBS	Subsystem	DOE Funds	NSF Funds	Total
11	Endcap Muon	\$1,485,519	\$334,720	\$1,820,239
12	Hadron Calorimeter	\$1,516,106	\$73,411	\$1,589,517
13	Trigger	\$771,665	\$147,810	\$919,475
14	Data Acquisition	\$780,208	\$0	\$780,208
15	Electromagnetic Calorimeter	\$844,815	\$0	\$844,815
16/17	Tracker (Fpix-SiTrk)	\$735,924	\$39,537	\$775,461
18	Detector Support	\$209,473	\$0	\$209,473
19	BRIL	\$134,100	\$254,080	\$388,180
30	Phase 2 Upgrade R&D	\$2,647,904	\$601,942	\$3,249,847
11-19,30	Detector Operations	\$9,125,714	\$1,451,500	\$10,577,215
21.2	Common Costs (M&OA,LS1,UpgrdLoan)	\$4,341,559	\$1,089,263	\$5,430,822
21.3	Run Coordination and Monintoring	\$518,857	\$0	\$518,857
21.4	LHC Physics Center	\$633,829	\$0	\$633,829
21.5	Operations Support	\$1,229,704	\$127,830	\$1,357,534
21.6	Program Office	\$863,044	\$117,550	\$980,594
21.7	Education and Outreach	\$170,000	\$116,480	\$286,480
21.8	Collaboration Support	\$10,000	\$0	\$10,000
21	Common Operations	\$7,766,994	\$1,451,123	\$9,218,117
22.1	Fermilab Facilities	\$6,752,842	\$0	\$6,752,842
22.2	University Facilities	\$110,737	\$3,988,418	\$4,099,156
22.3	Computing Operations	\$710,490	\$412,240	\$1,122,730
22.4	Software and Support	\$1,670,757	\$428,176	\$2,098,933
22.5	Computing Infrastructure and Services	\$1,687,530	\$255,791	\$1,943,321
22.6	Technologies & Upgrade R&D	\$205,518	\$691,966	\$897,484
22.7	S&C Program Management and CMS Coordination	\$462,014	\$229,852	\$691,866
22	Software and Computing	\$11,599,888	\$6,006,443	\$17,606,331
U.S. CMS Operations Program Total		\$29,259,289	\$8,750,758	\$37,401,662