

WBS	Subsystem	DOE Funds	NSF Funds	Total
11	Endcap Muon	\$1,501,320	\$334,720	\$1,836,040
12	Hadron Calorimeter	\$1,524,752	\$73,411	\$1,598,163
13	Trigger	\$771,665	\$147,810	\$919,475
14	Data Acquisition	\$780,208	\$0	\$780,208
15	Electromagnetic Calorimeter	\$841,815	\$0	\$841,815
16/17	Tracker (Fpix-SiTrk)	\$703,520	\$29,278	\$732,798
18	Detector Support	\$258,262	\$0	\$258,262
19	BRIL	\$134,100	\$254,080	\$388,180
30	Phase 2 Upgrade R&D	\$2,719,814	\$637,442	\$3,357,256
11-19,30	Detector Operations	\$9,235,456	\$1,476,741	\$10,712,197
21.2	Common Costs (M&OA,LS1,UpgrdLoan)	\$4,326,559	\$1,089,263	\$5,415,822
21.3	Run Coordination and Monintoring	\$554,413	\$0	\$554,413
21.4	LHC Physics Center	\$635,637	\$0	\$635,637
21.5	Operations Support	\$1,327,761	\$127,830	\$1,455,591
21.6	Program Office	\$911,844	\$117,550	\$1,029,394
21.7	Education and Outreach	\$170,000	\$116,480	\$286,480
21.8	Collaboration Support	\$10,000	\$0	\$10,000
21	Common Operations	\$7,936,214	\$1,451,123	\$9,387,337
22.1	Fermilab Facilities	\$6,556,269	\$0	\$6,556,269
22.2	University Facilities	\$111,217	\$4,031,291	\$4,142,508
22.3	Computing Operations	\$713,568	\$415,463	\$1,129,031
22.4	Software and Support	\$1,677,995	\$428,936	\$2,106,931
22.5	Computing Infrastructure and Services	\$1,694,841	\$256,245	\$1,951,086
22.6	Technologies & Upgrade R&D	\$206,191	\$693,139	\$899,330
22.7	S&C Program Management and CMS Coordination	\$464,016	\$230,260	\$694,276
22	Software and Computing	\$11,424,097	\$6,055,334	\$17,479,431
U.S. CMS Operations Program Total		\$28,595,767	\$8,983,198	\$37,578,965