

WBS	Subsystem	DOE Funds	NSF Funds	Total
11	Endcap Muon	\$1,501,776	\$334,720	\$1,836,496
12	Hadron Calorimeter	\$1,530,247	\$73,411	\$1,603,658
13	Trigger	\$778,331	\$147,810	\$926,141
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	\$115,300	\$272,880	\$388,180
30	Phase 2 Upgrade R&D	\$3,263,171	\$751,785	\$4,014,955
11-19,30	Detector Operations	\$9,772,630	\$1,609,884	\$11,382,513
21.2	Common Costs (M&OA,LS1,UpgrdLoan)	\$3,894,968	\$1,007,805	\$4,902,773
21.3	Run Coordination and Monintoring	\$554,413	\$0	\$554,413
21.4	LHC Physics Center	\$674,179	\$0	\$674,179
21.5	Operations Support	\$1,595,945	\$188,726	\$1,784,671
21.6	Program Office	\$931,844	\$117,550	\$1,049,394
21.7	Education and Outreach	\$229,000	\$116,480	\$345,480
21.8	Collaboration Support	\$2,500	\$0	\$2,500
21	Common Operations	\$7,882,849	\$1,430,561	\$9,313,410
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		\$29,079,575	\$9,095,779	\$38,175,354