

WBS	Subsystem	DOE Funds	NSF Funds	Total
11	Endcap Muon	\$1,400,083	\$489,270	\$1,889,353
12	Hadron Calorimeter	\$1,711,288	\$128,427	\$1,839,715
13	Trigger	\$684,011	\$141,080	\$825,091
14	Data Acquisition	\$985,340	\$0	\$985,340
15	Electromagnetic Calorimeter	\$913,303	\$0	\$913,303
16/17	Tracker (Fpix & SiTrk)	\$714,106	\$139,991	\$854,097
18	Detector Support	\$119,165	\$0	\$119,165
19	BRIL	\$172,321	\$171,433	\$343,754
30	Phase 2 Upgrade R&D	\$2,738,940	\$927,401	\$3,666,341
11-19,30	Detector Operations	\$9,438,558	\$1,997,602	\$11,436,160
21.2	Common Costs (M&OA)	\$3,487,392	\$845,550	\$4,332,942
21.3	Run Coordination and Monitoring	\$436,697	\$106,700	\$543,397
21.4	LHC Physics Center	\$860,327	\$0	\$860,327
21.5	Operations Support	\$1,209,146	\$317,843	\$1,526,989
21.6	Program Office	\$1,087,565	\$117,550	\$1,205,115
21.7	Education and Outreach	\$173,224	\$110,585	\$283,809
21.8	Collaboration Support	\$0	\$0	\$0
21	Common Operations	\$7,254,352	\$1,498,228	\$8,752,580
22.1	Fermilab Facilities	\$5,923,423	\$0	\$5,923,423
22.2	University Facilities	\$114,524	\$3,838,334	\$3,952,858
22.3	Computing Operations	\$397,140	\$467,965	\$865,105
22.4	Software and Support	\$1,981,797	\$457,687	\$2,439,484
22.5	Computing Infrastructure and Services	\$1,254,964	\$261,175	\$1,516,139
22.6	Technologies & Upgrade R&D	\$69,822	\$796,714	\$866,536
22.7	S&C Program Management and CMS Coordination	\$289,670	\$316,217	\$605,887
22	Software and Computing	\$10,031,341	\$6,138,092	\$16,169,433
U.S. CMS Operations Program Total		\$26,724,251	\$9,633,922	\$36,358,173