

WBS	Subsystem	DOE Funds	NSF Funds	Total
11	Endcap Muon	\$1,439,439	\$534,270	\$1,973,709
12	Hadron Calorimeter	\$1,762,981	\$128,427	\$1,891,408
13	Trigger	\$685,137	\$141,080	\$826,216
14	Data Acquisition	\$985,340	\$0	\$985,340
15	Electromagnetic Calorimeter	\$882,913	\$0	\$882,913
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	\$2,797,433	\$1,868,363	\$4,665,796
11-19,30	Detector Operations	\$9,558,836	\$2,983,564	\$12,542,400
21.2	Common Costs (M&OA)	\$3,237,813	\$788,024	\$4,025,837
21.3	Run Coordination and Monitoring	\$436,697	\$106,700	\$543,397
21.4	LHC Physics Center	\$1,072,937	\$0	\$1,072,937
21.5	Operations Support	\$1,766,468	\$317,843	\$2,084,311
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	\$7,774,705	\$1,440,702	\$9,215,407
22.1	Fermilab Facilities	\$5,933,423	\$0	\$5,933,423
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	\$1,286,983	\$261,175	\$1,548,158
22.6	Technologies & Upgrade R&D	\$69,822	\$785,653	\$855,475
22.7	S&C Program Management and CMS Coordination	\$289,670	\$325,736	\$615,406
22	Software and Computing	\$10,073,359	\$6,136,551	\$16,209,910
U.S. CMS Operations Program Total		\$27,406,900	\$10,560,816	\$37,967,717