

WBS-Code	Title	M&S	Labor	F&A	Contingency	Total w/o Contingency	Total with Contingency	BOE Quotes, past experience	Notes
7	Scintillators								
7.1	Design scint., beam mon., veto					\$0	\$0		
7.2	Procure materials					\$0	\$0		
7.2.1	Order scintillator	\$78,540			\$12,566	\$78,540	\$91,106		
7.2.2	Order PMTs	\$187,272			\$28,091	\$187,272	\$215,363		
7.2.3	Order Supplies	\$18,058	\$0	\$0	\$3,431	\$18,058	\$21,489		
7.2.4	Order backing structure	\$44,215			\$9,285	\$44,215	\$53,500		
7.2.5	Order shipping crates	\$3,600	\$21,600	\$1,188	\$5,541	\$26,388	\$31,929		include shipping cost in labor
7.3	Construction					\$0	\$0		
7.3.1	Test PMTs					\$0	\$0		
7.3.2	Beam Monitor					\$0	\$0		
7.3.3	Veto Detector					\$0	\$0		
7.3.4	TOF-batch 1					\$0	\$0		
7.3.5	TOF-batch 2					\$0	\$0		
7.3.6	TOF-batch 3-8					\$0	\$0		
7.3.7	Beam Mon, Veto first half TOF ready					\$0	\$0		
7.3.8	TOF-batch 9-12					\$0	\$0		
7.3.9	TOF-batch 12-16					\$0	\$0		
7.3.10	TOF second half ready					\$0	\$0		
7.4	Shipping					\$0	\$0		
7.4.1	Ship first half					\$0	\$0		
7.4.2	Ship second half					\$0	\$0		
	Labor		\$67,735	\$19,952	\$9,646	\$87,687	\$97,333		
	Total	\$331,685	\$89,335	\$21,140	\$68,561	\$442,160	\$510,721		
		GS							
	Labor	stipend+tuition	UG salaries	Fringe					
		\$30,275	\$32,832	\$4,628					