

Cost estimate for the addition of an additional inner layer to the Bcal readout

Draft 9/14/11

Item	Quantity	Unit Cost (\$)	Extended Cost (\$)	Note
Sum/preamp board mods	96		\$0.00	Small incremental cost right now
Internal cabling (FADCs)	384	\$4.00	\$1,536.00	
Internal cabling (TDCs)	384	\$4.00	\$1,536.00	
Low Voltage	48	\$250.00	\$12,000.00	
Bias Voltage	48	\$250.00	\$12,000.00	
LEMO connectors	768	\$10.00	\$7,680.00	
LEMO cables (external)	768	\$50.00	\$38,400.00	
Discriminator boards	24	\$1,600.00	\$38,400.00	
Disc to TDC cables	24	\$20.00	\$480.00	
TDC boards	12	\$3,424.00	\$41,088.00	
FADC boards	24	\$4,500.00	\$108,000.00	
VXS crates	3	\$12,000.00	\$36,000.00	
VME-64 crates	2	\$8,000.00	\$16,000.00	
Crate CPUs	5	\$4,000.00	\$20,000.00	
Crate trigger processor	3	\$5,000.00	\$15,000.00	
Trigger interface	5	\$3,000.00	\$15,000.00	
Signal distribution	3	\$2,500.00	\$7,500.00	
Total			\$370,620.00	