

7/9/04		Costs table for extra components for Fall 2004 Installation														
CEM	price/unit	main units	spares	Contributing Institution					Baseline Total	%	M&S Cont.	Labor Cont.	Total + Contin.	Comments		
				TAMU	FNAL	INFN	Recycled	FNAL Labor								
Transition Board (TB)																
Printed circuit board	130	48	5		6,890				0	30%	0		0			
Parts for PCB (see below)	102	32	6		3,857				6,890	30%	2,067		8,957	32 CEM + 16 PEM		
Remove Daughterboards	8	27	0					216	3,857	30%	1,157		5,014			
New daughter boards	275	24	6		8,250				216	30%	65		281	7 hours of labor total		
Stuff PCB and attach DB's	30	32	6					1,140	8,250	30%	2,475		10,725	3 Daughter Boards/TB		
24 Channel ASD Board	1,500	8	2		13,500			1,500	15,000	30%	4,500		19,500			
ASD->TDC cable	450	4	0		1,800				1,800	30%	540		2,340	3M 3644/68		
96 Channel TDC Board	4,800	2	0					9,600	9,600	10%	960		10,560	3M 10168-8100-EE		
CEM PRICE					0	34,297	0	9,600	2,856	46,753		12,106	0	58,859		
Parts for PCB Board: 32 CEM: \$24 for front panels, \$28+3 connectors (can recycle), \$36 for transformers, \$10.50 for stiffener Total cost for all TB requirements: 20,353																