

Cost Changes for PMT based Coordinate Detector

Old Plan	PMP direct cost each	Number	PMP Total direct cost ¹
GEM modules ²	\$17,837	24	\$ 428,095
GEM Electronics	\$4,452	24	\$ 106,857
Chamber mechanics and supports	\$61,320	1	\$ 61,320
Total			\$ 596,272
New PMT Plan			
Coordinate detector ³			\$ 319,000
		Difference	\$ 277,272
		Burdened Difference	\$ 329,272

Is this right?

Did I miss something?

¹ If we burden it gets even better. Add 3*\$26K to the 1st one and just \$26K to the 2nd. Assumes Adam's cost estimate includes all University overheads and we would just have a JLab Contract with Idaho to build the detector.

² Actual contract cost is \$18,664/module.

³ From Adam's talk. Assumes the assembled detector is a standalone monolith requiring no special support structure.