

MOLLER Spectrometer Section

			Equipment/ materials (\$k)	E&D (\$k)	Subtotal (\$k)	Contingency (%)	Total (\$k)
Upstream Toroidal Magnet	Vacuum System	Vacuum Chamber	120	50	170	50	255.0
		Vacuum Pumps	36	6	42	25	52.5
	Coils	120	30	150	50	225.0	
	Frame	105	30	135	50	202.5	
	Power Supply	45	12	57	25	71.3	
	Logistics	50	25	75	25	93.8	
						Subtotal:	<b>900.0</b>
Downstream Toroidal Magnet	Vacuum System	Vacuum Chamber	1325	35	1360	25	1700.0
		Vacuum Pumps	175	25	200	25	250.0
	Coils	800	75	875	50	1312.5	
	Frames	700	75	775	25	968.8	
	Power Supply	192	40	232	25	290.0	
	Logistics	100	50	150	25	187.5	
						Subtotal:	<b>4708.8</b>
Cooling			310	40	350	25	<b>437.5</b>
Collimators			200	75	275	50	<b>412.5</b>
Breakdown:			4278	568	4846	Total:	<b>6458.8</b>