NEXT-100-LBNL - Resource Assignment

ID	Name	Resource ID	ETC	Loading Pattern
	KEY DATES			
	PROJECT START			
	TDR- 1st Draft input			
	TDR- final input			
1	**PMT System development**			
1.1	finalize enclosure mechanical design	ph1	8.00	Front
		me1	40.00	Front
1.2	build prototype	me1	24.00	Front
		ma1	80.00	Front
		proc		Front
1.3	install vac gauge on vac chamber	me1	4.00	Front
1.4	vacuum test pins	me1	16.00	Front
1.5	vacuum test feedthrus	me1	16.00	Front
1.6	vacuum test enclosure/conduit	me1	16.00	Front
		mt1	16.00	Front
1.7	base design	ee1	24.00	Front
		ph1	8.00	Front
1.8	write TDR section	me1	24.00	Front
1.9	design window press. test chamber	me1	8.00	Front
1.10	fab window press. test chamber			
2	**SiPM System development**			
2.1	finalize system requirements doc			
2.2	motherboard design- N100	ee1	80.00	Front
2.3	daughterboard design-N100	ee1	80.00	Front
2.4	FE board design-N100	me1	16.00	Front
		ee1	40.00	Front
		ph2	80.00	Front
		et1	160.00	Front
2.5	design signal out system			
2.6	motherboard design- N1-LBL	me1	48.00	Front
		ee1	40.00	Front
		et1	80.00	Front
2.7	daughterboard design- N1-LBL	me1	8.00	Front
		ee1	24.00	Front
		et1	80.00	Front
2.8	cabling-N1-LBNL	me1	24.00	Front
		mt1	80.00	Front
2.9	write TDR section			
3	**Integration**			
3.1	pressure vessel/experiment	me1	40.00	Front
3.2	gas system			
3.3	field cage design	mt1	16.00	Front
		ma1	40.00	Front
		proc		Front

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4	**Pressure Vessel**			
4.1	finish design calculations			
4.2	finalize User Design Specification			
4.3	write TDR section			
4.4	contract for Certification of User Design Specific			
4.5	submit final User Design Specification to prospe			
4.6	Review Final Bids			
4.7	Issue Contract for Fabrication			
4.8	Issue Contract for Inspector			
5	**HV Feedthrough R&D**			
5.1	test semicon heatshrink	me1	24.00	Front
5.2	design			
6	**Field Cage R&D - N100**			
6.1	requirements for test vessel			
6.2	build test candidate	me1	40.00	Front
		et1	40.00	Front
		ph1	40.00	Front
		mt1	40.00	Front
7	**WLS material testing**			
7.1	test nanoammeter			
7.2	test TPB panel for dryout recovery			
7.3	measure blue reflectivity of ESR/TPB			
8	**TMA R&D**			
8.1	determine scope and order of experiments			
8.2	Write pressure Safety Note			
8.3	Write AHD			
8.4	gas system review			
8.5	fab electrodes			
8.6	assemble chamber			
	procurerment	proc	$1.00	
	machinist1	ma1	$156.00	
	mecheng1	me1	$133.00	
	eleceng1	ee1	$134.00	
	physicist1	ph1	$0.00	
	mechtech1	mt1	$82.00	
	mechtech2	mt2	$82.00	
	mechtech3	mt3	$82.00	
	rigger1	rg1	$90.00	
	rigger2	rg2	$90.00	
	rigger3	rg3	$90.00	
	rigger4	rg4	$90.00	
	electrician1	el1	$102.00	
	electrician2	el2	$102.00	
	electech1	et1	$86.00	

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	ID	Name	Resource ID	ETC	Loading Pattern
		electech2	et2	$87.00	
		plumber1	pb1	$94.00	
		plumber2	pb2	$92.00	
		phys2	ph2	$0.00	
		carpenter1	ca1	$89.00	
		carpenter2	ca2	$90.00	