Activity ID	Activity Name	Start	Finish	Elec tech (mw)	Mech tech (mw)	Mech Des (mw)	Mech Eng (mw)	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float	New start	New finish	New Elec tech (mw)	New Mech tech (mw)	New Mech Des (mw)	New Mech Eng (mw)	New Scient (mw)	Code
1.5 CONSTRUCTION HALL D		10/1/2008	4/8/2014					6403.48	$10,001,822	$16,998,011	$436,380	$27,436,214	123.5								
1.5.2 DETECTORS		12/1/2008	12/30/2013					2195.18	$2,638,940	$7,925,284	$118,591	$10,682,815	137.1								
1.5.2.1 TRACKING		1/2/2009	5/30/2013					1349.65	$1,557,978	$1,848,228	$10,232	$3,416,438	165.6								
1.5.2.1.1 FORWARD CHAMBERS		1/2/2009	3/5/2013					631.4	$1,179,397	$1,134,042	$4,976	$2,318,415	177.9								
15211000a	Procurement for Testing the Assembly Proceedure (FWD Chambers)	6/1/2009	8/31/2009					0	$0	$22,000	$0	$22,000	132.1								
15211000b	Testing the Assembly Procedure (FWD Chambers)	6/1/2009	9/30/2009	4.0	14.0		4.0	22	$39,289	$0	$0	$39,289	123.9								
15211002b	Engineering Support for Assembly FY11 (FWD Chambers)	10/1/2010	9/30/2011			4.0	0.5	4.5	$8,555	$0	$0	$8,555	24.2								
15211002c	Engineering for Tooling design (FWD Chambers)	10/3/2011	9/28/2012			4.0	0.5	4.5	$8,555	$0	$0	$8,555	74.2	6/3/2011	9/30/2011			8	8		
15211005	Proc Chamb Frames (G10) (FWD Chambers)	5/14/2010	11/23/2010					0	$0	$152,731	$0	$152,731	42.6								
15211009E	FY09 Travel (FWD Chambers)	1/2/2009	9/30/2009					0	$0	$0	$983	$983	24.2								
15211010E	FY10 Travel (FWD Chambers)	10/1/2009	9/30/2010					0	$0	$0	$1,331	$1,331	198.2								
15211011E	FY11 Travel (FWD Chambers)	10/1/2010	9/30/2011					0	$0	$0	$1,331	$1,331	198.2								
15211012E	FY12 Travel (FWD Chambers)	10/3/2011	9/28/2012					0	$0	$0	$1,332	$1,332	198.2								
15211015	Proc PC Boards (G10) (FWD Chambers)	5/14/2010	9/20/2010					0	$0	$97,792	$0	$97,792	44.5								
15211020	ProcFirst Article PC Boards Cathode Kapton Foil (FWD Chambers)	1/5/2010	5/28/2010					0	$0	$44,600	$0	$44,600	5.9								
15211020a	Proc Production PC Boards Cathode Kapton Foil (FWD Chambers)	5/14/2010	11/16/2010					0	$0	$90,551	$0	$90,551	5.9								
15211022	Procuremnt of Rigid Flex Assemblies (FWD Chambers)	1/5/2010	4/28/2010					0	$0	$29,815	$0	$29,815	95.2								
15211025	Proc Wire (Field, sense) (FWD Chambers)	1/5/2010	7/9/2010					0	$0	$14,284	$0	$14,284	54.4								
15211030	Proc First Article On-Chamb Electrnc's (capacitors, resistors) (FWD Cham	1/5/2010	5/28/2010					0	$0	$15,932	$0	$15,932	36.2								
15211030a	Proc Production On-Chamb Electrnc's (capacitors, resistors) (FWD Cham	5/14/2010	11/16/2010					0	$0	$15,932	$0	$15,932	36.2								
15211035	Proc Chamb Preamps (ASIC Dsgn) (FWD Chambers)	6/25/2010	1/6/2011					20	$8,016	$192,657	$0	$200,673	35.1								
15211050	Proc Cables,Connectors (HV, LV, Signal, Gas) (FWD Chambers)	1/5/2011	7/11/2011					0	$0	$83,508	$0	$83,508	51.7								
15211060	Proc Cooling Sys (FWD Chambers)	1/5/2011	7/11/2011					0	$0	$24,173	$0	$24,173	42.9	7/1/2011	9/30/2011						
15211065	Proc Pulser Sys (FWD Chambers)	1/5/2011	7/11/2011					0	$0	$46,149	$0	$46,149	42.9								
15211070	Proc Gas Connections (FWD Chambers)	1/5/2011	7/11/2011					0	$0	$54,939	$0	$54,939	38.9								
15211075	Proc Supprt Frame (FWD Chambers)	10/3/2011	2/13/2012					0	$0	$63,730	$0	$63,730	13.9								
15211080	Test PC Boards (G10) (FWD Chambers)	9/21/2010	11/10/2010	7.3				7.3	$12,103	$0	$0	$12,103	44.5								
15211085	Test PC Boards (Flex) (FWD Chambers)	11/17/2010	3/14/2011	14.7				14.7	$24,373	$0	$0	$24,373	5.9								
15211090	Test Wire (Field, sense) (FWD Chambers)	7/12/2010	10/22/2010					14.7	$24,373	$0	$0	$24,373	54.4								
15211094	Acceptance QC Preamp Daughter Board (FWD Chambers)	1/7/2011	6/14/2011	22.0				22	$36,476	$0	$0	$36,476	35.1	10/1/2011	6/22/2012	27					
15211095	Test Electrnc's (FWD Chambers)	8/8/2011	3/19/2012	58.7				58.7	$97,325	$0	$0	$97,325	35.1	3/26/2012	9/22/2012						
15211102	Set up cleanroom for production													2-Jan-11	22-Feb-11		18				H
15211105	Wire Chamb Frames Prep (FWD Chambers)	11/24/2010	1/26/2011		7.3			7.3	$12,188	$0	$0	$12,188	42.6	11/24/2010	22-Feb-11		12		1		H
15211120	Cathode frame inspection	3/14/2011	4/13/2011		4.4			4.4	$7,346	$0	$0	$7,346	5.9								H
15211125	Cell #1 assy (FWD Chambers)	9/19/2011	2/17/2012		19.8			39.6	$85,576	$0	$0	$85,576	5.9	4/1/2011	5/1/2011		22	2	4		6 S
15211126	Package 1 Fabrication (FWD Chambers)	4/13/2011	9/19/2011		44.0			44	$73,462	$0	$0	$73,462	5.9	4/13/2011	9/31/11	10	94	2	10		6 S
15211130	Package #2 Fabrication (FWD Chambers)	2/17/2012	4/10/2012	7.4				7.4	$12,269	$0	$0	$12,269	5.9	9/19/2011	3/1/2012	10	90	2	7		6 S
15211135	Package #3 Fabrication (FWD Chambers)	2/17/2012	4/10/2012	7.4				7.4	$12,269	$0	$0	$12,269	5.9	2/17/2012	8/1/2012	10	90	2	7		6 S
15211140	Package # 4 Fabrication(FWD Chambers)	11/10/2010	1/11/2011	7.3				7.3	$12,188	$0	$0	$12,188	44.5	7/10/2012	9/30/2012	10	90	2	7		6 S
15211145	Procurement of consumables for fab (2011)	3/14/2011	5/12/2011					0	$0	$82,200	$0	$158,879	36.2	1/3/2011	9/30/2011						
15211150	Package #1 Final assy and testing	6/15/2011	8/5/2011	7.4				7.4	$12,269	$0	$0	$12,269	35.1	1/25/2012	4/25/2012	1	8		2		8 S
15211155	Package #2 Final assy and testing	11/17/2010	3/14/2011	14.8				14.8	$24,538	$0	$0	$24,538	36.2	4/26/2012	7/21/2012	1	8		2		8
15211160	Package #3 Final assy	5/13/2011	8/26/2011	14.8				14.8	$24,538	$0	$0	$24,538	36.2	8/3/2012	9/30/2012	1	8		2		1
15211163	Manufacture All Cables & QA (FWD Chambers)	3/14/2011	8/16/2011	22.0	22.0			44	$73,207	$0	$0	$73,207	51.7								
15211164	Construct/ Test Gas System (FWD Chambers)	7/12/2011	2/6/2012		28.0		28.0	56	$120,501	$0	$0	$120,501	38.9	10/1/2012	1/24/2012		8	11	12		
15211165	Package #4 Final assy and testing	7/12/2011	7/25/2011		2.0			2	$3,339	$0	$0	$3,339	40.9	10/1/2012	1/5/2013		8		1		8
15211175	Complete Package Assy (FWD Chambers)	4/11/2012	9/14/2012		29.4			58.8	$127,067	$0	$0	$127,067	5.9	12/2/2012	15-Jan-13	1	8	6	6		2 S
15211185	Package 3 Final testing (FWD Chambers)	9/17/2012	9/28/2012					2	$5,305	$0	$0	$5,305	5.9	10/1/2012	11/3/2012		1		1		7
15211190	Procure consumables for fab (2012)(FWD Chambers)	10/1/2012	10/12/2012					2	$5,305	$11,500	$0	$5,305	5.9	10/1/2012	9/30/2012						
15211191	Procure consumables for fab (2013)(FWD Chambers)									$11,200				10/1/2012	3/1/2013						
15211195	Cell # 25 assy	10/29/2012	11/9/2012					2	$5,305	$0	$0	$5,305	5.9	10/16/2012	11/14/2012		16		1		
15211200	Cell # 26 assy	10/15/2012	10/26/2012					2	$5,305	$0	$0	$5,305	5.9	11/6/2012	12/5/2012		16		1		
15211205	Cell # 27 assy	10/29/2012	11/9/2012					2	$5,305	$0	$0	$5,305	5.9	11/27/2012	12/25/2012		16		1		
15211210	Cell # 28 assy	11/12/2012	2/19/2013					12.2	$32,359	$0	$0	$32,359	5.9	12/18/2012	1/30/2013		16		1		
15211215	Cross-talk with pulser (FWD Chambers)	2/19/2013	3/5/2013					2	$5,305	$0	$0	$5,305	5.9								
15211220	Final testing (FWD Chambers)	5/13/2011	8/26/2011				15.0	15	$39,510	$0	$0	$39,510	36.2	2/1/2013	3/5/2013		4				8 S
15211230	Alignment Procedures (FWD Chambers)	9/17/2012	9/21/2012		1.0			1	$1,670	$0	$0	$1,670	27.2	1/16/2013	1/30/2013	2	4				

15211249	Construct/Install/Test HV Sys (FWD Chambers)	8/17/2011	10/12/2011	7.4	7.4	14.8	$24,624	$0	$0	$24,624	51.7	3/12/2012	6/15/2012						
15211250	Construct/Install/Test LV Sys ((FWD Chambers)	3/18/2011	5/12/2011	7.4	7.4	14.8	$24,624	$0	$0	$24,624	78.9	3/12/2012	6/15/2012						
								$274,113				Total		73	537	27	66	72	
						$spent on gas system already		$20,000											
						Total left to spend		$254,113											