

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
1.0.0 ANU CDR costs													
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	18,630	0	(18,630)	0	18,630	(18,630)
Chargeable Task CodeTot	0	0	0	0	0	0	0	18,630	0	(18,630)	0	18,630	(18,630)
1.0.1.1 ANU RR Upgrades R&D													
MS Materials & Services													
Fully burdened AY\$	35,902	57,417	35,160	21,515	22,257	1,167,112	1,268,611	1,589,395	101,499	(320,784)	1,465,564	1,786,618	(321,054)
PC Personnel Costs													
Fully burdened AY\$	41,871	64,222	14,974	22,351	49,248	2,420,624	2,400,610	2,272,726	(20,015)	127,883	3,482,043	3,365,236	116,807
Chargeable Task CodeTot	77,773	121,639	50,134	43,866	71,505	3,587,736	3,669,220	3,862,121	81,484	(192,901)	4,947,607	5,151,854	(204,247)
1.0.1.2 ANU RR Upgrades Op													
MS Materials & Services													
Fully burdened AY\$	0	0	1,064	0	(1,064)	35,972	35,972	57,549	0	(21,577)	115,006	136,583	(21,577)
PC Personnel Costs													
Fully burdened AY\$	0	0	3,751	0	(3,751)	25,641	25,641	267,534	0	(241,894)	484,543	726,437	(241,894)
Chargeable Task CodeTot	0	0	4,815	0	(4,815)	61,613	61,613	325,083	0	(263,470)	599,549	863,020	(263,470)
1.0.2.1 ANU MI Upgrades R&D													
MS Materials & Services													
Fully burdened AY\$	258	0	8,382	(258)	(8,382)	41,044	40,708	64,238	(337)	(23,530)	77,746	101,278	(23,533)
PC Personnel Costs													
Fully burdened AY\$	34,413	38,121	1,584	3,709	36,538	402,321	398,295	357,565	(4,025)	40,730	652,606	612,009	40,598
Chargeable Task CodeTot	34,671	38,121	9,966	3,451	28,155	443,365	439,003	421,803	(4,362)	17,200	730,352	713,287	17,065
1.0.2.2 ANU MI Upgrades Op													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	26,916	26,916	43,694	0	(16,778)	61,094	77,872	(16,778)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	51,756	51,756	126,660	0	(74,904)	349,952	424,856	(74,904)
Chargeable Task CodeTot	0	0	0	0	0	78,673	78,673	170,355	0	(91,682)	411,046	502,728	(91,682)
1.0.3.1 ANU NUMI Upgrades R&D													
MS Materials & Services													
Fully burdened AY\$	0	11,281	313	11,281	10,968	194,057	166,382	118,847	(27,675)	47,535	194,057	147,328	46,729
PC Personnel Costs													
Fully burdened AY\$	30,257	41,178	4,748	10,921	36,430	1,414,189	1,287,110	1,547,899	(127,079)	(260,789)	1,768,997	2,016,011	(247,014)
Chargeable Task CodeTot	30,257	52,459	5,061	22,202	47,398	1,608,247	1,453,492	1,666,747	(154,755)	(213,255)	1,963,054	2,163,339	(200,285)
1.0.3.2 ANU NUMI Upgrades Op													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	55,537	55,537	0
PC Personnel Costs													
Fully burdened AY\$	0	0	(1,655)	0	1,655	171,501	171,501	18,835	0	152,666	262,812	110,145	152,666
Chargeable Task CodeTot	0	0	(1,655)	0	1,655	171,501	171,501	18,835	0	152,666	318,348	165,682	152,666
1.0.4 ANU Beam Physics													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	41,680	41,680	62	0	41,618	41,680	62	41,618
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	41,511	41,511	11,093	0	30,419	41,511	11,093	30,419
Chargeable Task CodeTot	0	0	0	0	0	83,191	83,191	11,155	0	72,037	83,191	11,155	72,037
1.0.5 Project Management													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	340	0	(340)	0	340	(340)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	344,698	344,698	258,352	0	86,346	344,698	258,352	86,346
Chargeable Task CodeTot	0	0	0	0	0	344,698	344,698	258,691	0	86,007	344,698	258,691	86,007
1.1.4.6 Site and Building R&D Cost Account													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	1,276,543	1,276,543	510,459	0	766,084	1,276,543	510,459	766,084
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	110,214	0	(110,214)	0	110,214	(110,214)
Chargeable Task CodeTot	0	0	0	0	0	1,276,543	1,276,543	620,674	0	655,869	1,276,543	620,674	655,869
1.1.4.7 Advanced Technical Design - Far Detector Building													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	997,976	997,976	1,006,375	0	(8,399)	997,976	1,006,375	(8,399)
Chargeable Task CodeTot	0	0	0	0	0	997,976	997,976	1,006,375	0	(8,399)	997,976	1,006,375	(8,399)
1.1.5 Near Detector Surface Building													
MS Materials & Services													
Fully burdened AY\$	0	0	65	0	(65)	1,355,729	1,355,729	1,500,011	0	(144,281)	1,355,729	1,500,011	(144,281)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	41,419	0	(41,419)	0	41,419	(41,419)
Chargeable Task CodeTot	0	0	65	0	(65)	1,355,729	1,355,729	1,541,430	0	(185,700)	1,355,729	1,541,430	(185,700)
1.2.10.5 Liquid Scintillator R&D													
MS Materials & Services													
Fully burdened AY\$	0	0	46	0	(46)	256,669	256,669	213,662	0	43,008	256,669	213,662	43,008
PC Personnel Costs													
Fully burdened AY\$	0	0	(3)	0	3	40,362	40,362	174,843	0	(134,481)	40,362	174,843	(134,481)
Chargeable Task CodeTot	0	0	43	0	(43)	297,031	297,031	388,504	0	(91,473)	297,031	388,504	(91,473)
1.3.7.5 WLS Fiber R&D													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	338,694	338,694	374,571	0	(35,878)	338,694	374,571	(35,878)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	2,215	2,215	251	0	1,964	2,215	251	1,964
Chargeable Task CodeTot	0	0	0	0	0	340,909	340,909	374,822	0	(33,913)	340,909	374,822	(33,913)
1.4.6.5 PVC Extrusion R&D													
MS Materials & Services													
Fully burdened AY\$	0	0	13	0	(13)	1,167,241	1,167,241	1,471,671	0	(304,430)	1,167,241	1,471,671	(304,430)
PC Personnel Costs													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	(134)	0	134	201,607	196,701	606,718	(4,905)	(410,016)	201,607	607,279	(405,673)
Chargeable Task CodeTot	0	0	(122)	0	122	1,368,848	1,363,943	2,078,389	(4,905)	(714,446)	1,368,848	2,078,951	(710,103)
1.5.10.5 PVC Module R&D													
MS Materials & Services Fully burdened AY\$	0	0	2,088	0	(2,088)	2,240,707	2,240,707	2,288,583	0	(47,876)	2,240,707	2,288,583	(47,876)
PC Personnel Costs Fully burdened AY\$	0	0	(11)	0	11	19,636	19,636	108,966	0	(89,330)	19,636	108,966	(89,330)
Chargeable Task CodeTot	0	0	2,077	0	(2,077)	2,260,343	2,260,343	2,397,549	0	(137,206)	2,260,343	2,397,549	(137,206)
1.6.4.5 Electronics R&D													
MS Materials & Services Fully burdened AY\$	4,233	7,288	6,321	3,056	968	1,956,245	1,877,200	2,093,014	(79,046)	(215,814)	1,989,551	2,214,058	(224,507)
PC Personnel Costs Fully burdened AY\$	0	933	7,280	933	(6,347)	38,004	36,604	222,327	(1,400)	(185,723)	38,004	224,551	(186,546)
Chargeable Task CodeTot	4,233	8,222	13,601	3,989	(5,379)	1,994,249	1,913,804	2,315,341	(80,446)	(401,537)	2,027,555	2,438,608	(411,054)
1.7.5.5 DAQ R&D													
MS Materials & Services Fully burdened AY\$	0	17,743	9,031	17,743	8,712	388,052	383,200	470,741	(4,851)	(87,541)	388,052	475,956	(87,905)
PC Personnel Costs Fully burdened AY\$	10,436	33,794	79,103	23,358	(45,309)	1,146,842	1,120,033	2,394,815	(26,809)	(1,274,782)	1,248,475	2,525,188	(1,276,714)
Chargeable Task CodeTot	10,436	51,537	88,134	41,101	(36,597)	1,534,893	1,503,233	2,865,556	(31,660)	(1,362,323)	1,636,526	3,001,145	(1,364,619)
1.8.9.5 Detector Assembly R&D													
MS Materials & Services Fully burdened AY\$	46,170	2,544	1,217	(43,627)	1,327	2,282,961	2,113,872	2,869,013	(169,088)	(755,141)	2,414,560	3,174,063	(759,503)
PC Personnel Costs Fully burdened AY\$	0	2,604	6,863	2,604	(4,259)	839,893	694,427	2,061,908	(145,466)	(1,367,481)	915,348	2,290,860	(1,375,512)
Chargeable Task CodeTot	46,170	5,148	8,080	(41,023)	(2,932)	3,122,854	2,808,300	4,930,921	(314,554)	(2,122,622)	3,329,907	5,464,923	(2,135,016)
1.9.0 Detector CDR costs													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	44,477	44,477	28,841	0	15,636	44,477	28,841	15,636
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	16,070	0	(16,070)	0	16,070	(16,070)
Chargeable Task CodeTot	0	0	0	0	0	44,477	44,477	44,911	0	(434)	44,477	44,911	(434)
1.9.1 FY 06 & FY 07 PRE-CD-1 COSTS													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	8,800,874	8,800,874	8,800,874	0	0	8,800,874	8,800,874	0
Chargeable Task CodeTot	0	0	0	0	0	8,800,874	8,800,874	8,800,874	0	0	8,800,874	8,800,874	0
1.9.2.1 Management - 1HFY07													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	27,951	27,951	42,485	0	(14,534)	27,951	42,485	(14,534)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	310,825	310,825	471,514	0	(160,689)	310,825	471,514	(160,689)
Chargeable Task CodeTot	0	0	0	0	0	338,776	338,776	513,999	0	(175,224)	338,776	513,999	(175,224)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.0.1.1.1.1 Common Tooling for Permanent Magnet Assembly													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	19,284	19,284	0	0	19,284	19,284	0	19,284
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	9,036	9,036	0	0	9,036	9,036	0	9,036
Chargeable Task CodeTot	0	0	0	0	0	28,320	28,320	0	0	28,320	28,320	0	28,320
2.0.1.1.1.10 Lambertson, 8GEV													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	121,088	121,088	0	0	121,088	665,797	544,708	121,088
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	54,310	54,310	0	0	54,310	54,310	0	54,310
Chargeable Task CodeTot	0	0	0	0	0	175,398	175,398	0	0	175,398	720,106	544,708	175,398
2.0.1.1.1.11 Controls/Timing													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	54,326	54,326	0
PC Personnel Costs Fully burdened AY\$	0	0	22,561	0	(22,561)	0	0	22,561	0	(22,561)	26,062	48,624	(22,561)
Chargeable Task CodeTot	0	0	22,561	0	(22,561)	0	0	22,561	0	(22,561)	80,388	102,949	(22,561)
2.0.1.1.1.12 MGS Mirror Magnets													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	27,751	27,751	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	2,146	2,146	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	29,897	29,897	0
2.0.1.1.1.13 Instrumentation & Cables													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	103,442	77,582	29,636	(25,861)	47,945	103,442	56,353	47,090
PC Personnel Costs Fully burdened AY\$	0	0	2,558	0	(2,558)	5,205	3,904	27,900	(1,301)	(23,997)	5,205	29,254	(24,049)
Chargeable Task CodeTot	0	0	2,558	0	(2,558)	108,647	81,485	57,536	(27,162)	23,949	108,647	85,606	23,041
2.0.1.1.1.14 Installation													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	825,093	824,831	262
PC Personnel Costs Fully burdened AY\$	27,298	0	0	(27,298)	0	354,991	70,254	0	(284,738)	70,254	1,460,148	1,386,092	74,056
Chargeable Task CodeTot	27,298	0	0	(27,298)	0	354,991	70,254	0	(284,738)	70,254	2,285,240	2,210,922	74,318
2.0.1.1.1.2 RR Magnet & Instrumentation Stands													
MS Materials & Services Fully burdened AY\$	8,910	0	3,299	(8,910)	(3,299)	10,118	0	12,679	(10,118)	(12,679)	178,749	191,478	(12,730)
PC Personnel Costs Fully burdened AY\$	1,484	71,855	512	70,371	71,343	154,919	116,144	512	(38,775)	115,632	202,529	88,761	113,768
Chargeable Task CodeTot	10,393	71,855	3,811	61,461	68,044	165,037	116,144	13,191	(48,893)	102,953	381,278	280,239	101,038

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.0.1.1.1.3 Vertical Dipole Magnets													
MS Materials & Services Fully burdened AY\$	185,037	0	12,601	(185,037)	(12,601)	336,799	42,669	81,714	(294,130)	(39,045)	725,681	766,375	(40,694)
PC Personnel Costs Fully burdened AY\$	28,721	364	20,531	(28,358)	(20,168)	335,650	144,789	277,158	(190,861)	(132,369)	600,190	740,955	(140,765)
Chargeable Task CodeTot	213,759	364	33,132	(213,395)	(32,769)	672,450	187,459	358,873	(484,991)	(171,414)	1,325,871	1,507,330	(181,459)
2.0.1.1.1.4 RR Permanent Quadrupoles													
MS Materials & Services Fully burdened AY\$	49,872	0	190	(49,872)	(190)	96,334	133,738	65,414	37,404	68,324	173,636	104,698	68,938
PC Personnel Costs Fully burdened AY\$	4,981	0	6,107	(4,981)	(6,107)	106,306	90,547	42,320	(15,758)	48,228	328,573	280,634	47,939
Chargeable Task CodeTot	54,853	0	6,297	(54,853)	(6,297)	202,640	224,286	107,734	21,646	116,552	502,209	385,332	116,877
2.0.1.1.1.5 IL PDD Magnets													
MS Materials & Services Fully burdened AY\$	0	0	1,007	0	(1,007)	134,361	134,361	72,091	0	62,270	134,361	72,091	62,270
PC Personnel Costs Fully burdened AY\$	0	0	8,450	0	(8,450)	101,045	101,045	199,785	0	(98,741)	101,045	199,785	(98,741)
Chargeable Task CodeTot	0	0	9,457	0	(9,457)	235,406	235,406	271,877	0	(36,471)	235,406	271,877	(36,471)
2.0.1.1.1.6 IL PDDW Magnets													
MS Materials & Services Fully burdened AY\$	0	315	14	315	300	55,269	55,269	25,262	0	30,007	55,269	25,262	30,007
PC Personnel Costs Fully burdened AY\$	0	10,081	13,131	10,081	(3,050)	76,523	76,523	56,126	0	20,396	76,523	56,126	20,396
Chargeable Task CodeTot	0	10,396	13,146	10,396	(2,750)	131,792	131,792	81,388	0	50,404	131,792	81,388	50,404
2.0.1.1.1.7 Trim Magnets													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	6,434	6,434	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	7,641	7,641	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	14,075	14,075	0
2.0.1.1.1.8 PDS Magnets													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	130,140	130,140	172,296	0	(42,155)	130,140	172,296	(42,155)
PC Personnel Costs Fully burdened AY\$	0	0	2,411	0	(2,411)	51,319	44,135	21,708	(7,184)	22,427	51,319	28,891	22,427
Chargeable Task CodeTot	0	0	2,411	0	(2,411)	181,459	174,276	194,004	(7,184)	(19,728)	181,459	201,187	(19,728)
2.0.1.1.1.9 Vacuum System													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	285,047	285,303	(256)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	46,609	46,699	(90)
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	331,656	332,001	(346)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOvA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.0.1.1.2 RR 53 Mhz System													
MS Materials & Services Fully burdened AY\$	64,545	0	69,186	(64,545)	(69,186)	679,257	532,588	591,679	(146,669)	(59,091)	1,336,004	1,402,671	(66,666)
PC Personnel Costs Fully burdened AY\$	24,154	0	11,600	(24,154)	(11,600)	250,687	202,812	236,531	(47,875)	(33,719)	622,736	658,927	(36,192)
Chargeable Task CodeTot	88,700	0	80,787	(88,700)	(80,787)	929,944	735,400	828,210	(194,544)	(92,810)	1,958,740	2,061,598	(102,858)
2.0.1.1.3 Oversight to TD Magnet Modifications													
MS Materials & Services Fully burdened AY\$	0	0	6,021	0	(6,021)	0	0	9,093	0	(9,093)	0	9,093	(9,093)
PC Personnel Costs Fully burdened AY\$	1,313	1,313	0	0	1,313	49,415	49,415	125	0	49,290	72,313	23,039	49,274
Chargeable Task CodeTot	1,313	1,313	6,021	0	(4,707)	49,415	49,415	9,218	0	40,197	72,313	32,131	40,181
2.0.1.1.4.1 Injection Line Water System Mods Installation													
MS Materials & Services Fully burdened AY\$	0	0	115	0	(115)	0	0	2,906	0	(2,906)	112,596	115,458	(2,862)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	55,802	55,752	50
Chargeable Task CodeTot	0	0	115	0	(115)	0	0	2,906	0	(2,906)	168,398	171,210	(2,812)
2.0.1.1.4.2 Extraction Line Water System Mods Installation													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	30,257	30,233	24
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	34,127	34,077	50
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	64,384	64,310	74
2.0.1.1.4.3 Abort Line Water System Mods Installation													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	213	0	(213)	49,741	49,926	(185)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	187	0	(187)	38,188	38,325	(137)
Chargeable Task CodeTot	0	0	0	0	0	0	0	400	0	(400)	87,928	88,251	(322)
2.0.1.1.4.4 Install RF Cavity Water System Mods													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	40,855	40,823	32
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	74,085	74,035	50
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	114,940	114,858	82
2.0.1.1.4.5 Install MI-8 Pump Room LCW System													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	469,688	469,531	157
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	213,390	212,690	700
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	683,078	682,222	857

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.0.1.2.1 RR Injection Production Kicker Magnets													
MS Materials & Services Fully burdened AY\$	13,364	0	38,432	(13,364)	(38,432)	411,219	531,589	668,191	120,370	(136,602)	602,930	732,459	(129,529)
PC Personnel Costs Fully burdened AY\$	27,880	0	28,191	(27,880)	(28,191)	217,001	282,784	585,346	65,782	(302,562)	761,148	1,064,742	(303,593)
Chargeable Task CodeTot	41,245	0	66,623	(41,245)	(66,623)	628,220	814,372	1,253,537	186,153	(439,164)	1,364,078	1,797,200	(433,122)
2.0.1.2.2 RR Injection Production Kicker Power Supply													
MS Materials & Services Fully burdened AY\$	0	0	25,294	0	(25,294)	0	98,214	288,781	98,214	(190,567)	1,434,620	1,623,976	(189,356)
PC Personnel Costs Fully burdened AY\$	22,772	3,006	39,649	(19,765)	(36,643)	149,716	59,415	107,362	(90,301)	(47,948)	970,782	1,014,916	(44,134)
Chargeable Task CodeTot	22,772	3,006	64,943	(19,765)	(61,937)	149,716	157,628	396,143	7,913	(238,515)	2,405,403	2,638,892	(233,489)
2.0.1.2.3 RR Ext/MI Inj Kicker Magnets													
MS Materials & Services Fully burdened AY\$	0	2,169	7,337	2,169	(5,168)	260,448	134,999	274,061	(125,449)	(139,062)	1,524,123	1,668,403	(144,279)
PC Personnel Costs Fully burdened AY\$	0	718	16,621	718	(15,903)	172,093	124,883	132,004	(47,210)	(7,120)	1,264,827	1,274,121	(9,294)
Chargeable Task CodeTot	0	2,888	23,958	2,888	(21,071)	432,541	259,882	406,065	(172,659)	(146,183)	2,788,950	2,942,524	(153,574)
2.0.1.2.4 RR Ext/MI Inj Kicker Power Supply System													
MS Materials & Services Fully burdened AY\$	0	55,578	62,931	55,578	(7,353)	471,011	410,089	503,147	(60,922)	(93,058)	615,814	709,488	(93,674)
PC Personnel Costs Fully burdened AY\$	0	15,351	34,543	15,351	(19,191)	75,014	32,256	68,212	(42,758)	(35,956)	147,513	183,472	(35,959)
Chargeable Task CodeTot	0	70,929	97,474	70,929	(26,544)	546,025	442,346	571,360	(103,680)	(129,014)	763,327	892,960	(129,633)
2.0.1.2.5 Beam Abort Kicker Magnet													
MS Materials & Services Fully burdened AY\$	39,313	66,987	251	27,674	66,736	87,667	84,504	41,626	(3,163)	42,878	234,511	192,404	42,106
PC Personnel Costs Fully burdened AY\$	10,228	11,674	3,069	1,446	8,606	144,757	44,370	10,259	(100,387)	34,111	548,509	519,231	29,278
Chargeable Task CodeTot	49,541	78,661	3,320	29,120	75,342	232,423	128,873	51,885	(103,550)	76,988	783,019	711,635	71,384
2.0.1.2.6 Beam Abort Kicker Power Supplies													
MS Materials & Services Fully burdened AY\$	0	0	660	0	(660)	(0)	0	5,133	0	(5,133)	229,165	234,298	(5,133)
PC Personnel Costs Fully burdened AY\$	0	0	576	0	(576)	(2)	20,564	3,094	20,566	17,470	214,343	196,876	17,468
Chargeable Task CodeTot	0	0	1,235	0	(1,235)	(2)	20,564	8,227	20,566	12,337	443,509	431,174	12,334
2.0.1.2.7 Oversight of TD Kicker Magnet Construction													
PC Personnel Costs Fully burdened AY\$	1,355	1,355	0	0	1,355	49,542	49,542	0	0	49,542	73,165	23,640	49,525
Chargeable Task CodeTot	1,355	1,355	0	0	1,355	49,542	49,542	0	0	49,542	73,165	23,640	49,525
2.0.1.3.1 BPMs													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	1,117	0	(1,117)	371,130	371,130	418,246	0	(47,116)	882,632	932,074	(49,442)
PC Personnel Costs													
Fully burdened AY\$	0	0	17,263	0	(17,263)	10,947	10,947	152,924	0	(141,977)	231,038	373,229	(142,191)
Chargeable Task CodeTot	0	0	18,379	0	(18,379)	382,077	382,077	571,169	0	(189,093)	1,113,670	1,305,302	(191,633)
2.0.1.3.2 DCCT/Toroids													
MS Materials & Services													
Fully burdened AY\$	322	0	0	(322)	0	41,200	3,696	5,032	(37,504)	(1,336)	44,199	46,647	(2,448)
PC Personnel Costs													
Fully burdened AY\$	5,050	0	8,438	(5,050)	(8,438)	100,821	31,665	136,815	(69,156)	(105,150)	125,042	232,350	(107,308)
Chargeable Task CodeTot	5,372	0	8,438	(5,372)	(8,438)	142,021	35,362	141,848	(106,660)	(106,486)	169,241	278,997	(109,756)
2.0.1.3.3 Dampers													
MS Materials & Services													
Fully burdened AY\$	0	0	9,710	0	(9,710)	201,255	201,255	201,865	0	(610)	259,423	260,112	(688)
PC Personnel Costs													
Fully burdened AY\$	1,240	0	3,550	(1,240)	(3,550)	16,213	16,213	36,479	0	(20,266)	55,336	75,668	(20,332)
Chargeable Task CodeTot	1,240	0	13,260	(1,240)	(13,260)	217,468	217,468	238,344	0	(20,876)	314,759	335,779	(21,020)
2.0.2.1.1 Upgrade V Quad Bus w/New Transformer													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	148,358	148,358	180,368	0	(32,010)	148,358	180,368	(32,010)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	10,750	10,750	7,540	0	3,209	33,503	30,294	3,209
Chargeable Task CodeTot	0	0	0	0	0	159,108	159,108	187,909	0	(28,801)	181,861	210,662	(28,801)
2.0.2.1.2 MI-14 Communications Infrastructure													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	28,370	28,370	124,631	0	(96,261)	70,835	167,096	(96,261)
PC Personnel Costs													
Fully burdened AY\$	0	0	(1)	0	1	1,879	1,879	57,511	0	(55,632)	30,444	86,076	(55,632)
Chargeable Task CodeTot	0	0	(1)	0	1	30,249	30,249	182,142	0	(151,894)	101,279	253,172	(151,894)
2.0.2.1.3 MI-39 Communications Infrastructure													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	28,370	28,370	64,915	0	(36,545)	70,835	107,379	(36,545)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	1,879	1,879	22,544	0	(20,665)	30,444	51,109	(20,665)
Chargeable Task CodeTot	0	0	0	0	0	30,249	30,249	87,458	0	(57,210)	101,279	158,488	(57,210)
2.0.2.2.1 MI RF Cavities Bus Bar													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	4,821	4,821	5,501	0	(680)	4,821	5,501	(680)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	1,860	1,860	1,223	0	637	1,860	1,223	637
Chargeable Task CodeTot	0	0	0	0	0	6,681	6,681	6,724	0	(43)	6,681	6,724	(43)
2.0.2.2.2 MI RF Cavities Equip Gallery Install/Modification													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM				REPORT PERIOD	
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010	
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	5,957	0	(5,957)	543,067	514,181	312,263	(28,886)	201,919	650,095	449,132	200,963
PC Personnel Costs													
Fully burdened AY\$	0	0	49,946	0	(49,946)	384,549	188,225	616,849	(196,324)	(428,624)	526,740	962,822	(436,082)
Chargeable Task CodeTot	0	0	55,903	0	(55,903)	927,617	702,407	929,112	(225,210)	(226,705)	1,176,835	1,411,954	(235,119)
2.0.2.2.3 MI RF Cavities Cavity Installation													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	15,535	0	(15,535)	62,639	78,174	(15,535)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	7,764	0	(7,764)	64,025	71,789	(7,764)
Chargeable Task CodeTot	0	0	0	0	0	0	0	23,299	0	(23,299)	126,664	149,963	(23,299)
2.0.2.2.4 MI RF Cavity Cooling System Mods Installation													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	28,249	28,246	3
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	41,133	41,098	35
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	69,382	69,344	38
2.0.3.1.1 NuMI Extraction Kicker													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	10,951	0	(10,951)	75,279	86,230	(10,951)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	161,044	161,044	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	10,951	0	(10,951)	236,323	247,274	(10,951)
2.0.3.1.2 NuMI Dipole Power Supply													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	86,805	86,805	34,868	0	51,937	86,805	34,868	51,937
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	156,786	156,786	255,054	0	(98,268)	156,786	255,054	(98,268)
Chargeable Task CodeTot	0	0	0	0	0	243,591	243,591	289,922	0	(46,331)	243,591	289,922	(46,331)
2.0.3.1.3 3Q120 Quadrupoles													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	285,021	285,021	334,315	0	(49,294)	544,157	593,451	(49,294)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	52,093	52,093	164,253	0	(112,161)	118,296	230,511	(112,215)
Chargeable Task CodeTot	0	0	0	0	0	337,114	337,114	498,568	0	(161,455)	662,452	823,961	(161,509)
2.0.3.1.4 Upgrade Primary Beam Transport Profile Monitors													
MS Materials & Services													
Fully burdened AY\$	0	0	7,900	0	(7,900)	73,639	31,139	57,510	(42,501)	(26,372)	92,104	131,298	(39,194)
PC Personnel Costs													
Fully burdened AY\$	0	0	9	0	(9)	82,690	27,072	24,614	(55,619)	2,458	281,104	300,434	(19,330)
Chargeable Task CodeTot	0	0	7,909	0	(7,909)	156,330	58,210	82,124	(98,119)	(23,914)	373,209	431,732	(58,523)
2.0.3.2.1 ME Target, Carrier & Baffle													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM				REPORT PERIOD	
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010	
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	673	183	37,035	(490)	(36,852)	2,501	23,576	58,859	21,074	(35,284)	284,964	321,690	(36,726)
PC Personnel Costs													
Fully burdened AY\$	43,246	0	32,614	(43,246)	(32,614)	104,074	65,259	59,428	(38,816)	5,830	782,667	782,983	(316)
Chargeable Task CodeTot	43,919	183	69,650	(43,737)	(69,467)	106,576	88,834	118,288	(17,741)	(29,454)	1,067,630	1,104,673	(37,043)
2.0.3.2.2 Hadron Monitor													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	260,994	262,393	(1,400)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	10,273	0	0	(10,273)	0	90,069	92,809	(2,740)
Chargeable Task CodeTot	0	0	0	0	0	10,273	0	0	(10,273)	0	351,063	355,202	(4,140)
2.0.3.2.3 Hadron Monitor Beam Abort													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	19,026	19,167	(142)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	56,497	57,653	(1,156)
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	75,522	76,820	(1,298)
2.0.3.3.1 Target Hall Operations Space Planning													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	37,925	37,925	0
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	4,910	0	0	(4,910)	0	29,284	29,481	(197)
Chargeable Task CodeTot	0	0	0	0	0	4,910	0	0	(4,910)	0	67,209	67,406	(197)
2.0.3.3.2.1 Stripline Extension													
MS Materials & Services													
Fully burdened AY\$	6,980	1,707	0	(5,273)	1,707	45,141	4,267	0	(40,875)	4,267	126,403	101,624	24,779
PC Personnel Costs													
Fully burdened AY\$	2,286	555	0	(1,731)	555	59,108	45,765	0	(13,343)	45,765	234,596	185,912	48,684
Chargeable Task CodeTot	9,266	2,262	0	(7,004)	2,262	104,249	50,032	0	(54,217)	50,032	360,999	287,536	73,463
2.0.3.3.2.2 Shielding Reconfiguration													
MS Materials & Services													
Fully burdened AY\$	48,309	97,909	18,995	49,599	78,914	48,309	187,885	33,404	139,575	154,480	565,063	410,571	154,492
PC Personnel Costs													
Fully burdened AY\$	3,317	8,379	30,106	5,062	(21,727)	99,373	93,826	104,891	(5,546)	(11,065)	290,755	302,482	(11,727)
Chargeable Task CodeTot	51,626	106,288	49,100	54,661	57,188	147,682	281,711	138,295	134,029	143,416	855,818	713,053	142,765
2.0.3.3.3.1 Target Chase Air Cooling													
MS Materials & Services													
Fully burdened AY\$	0	0	10	0	(10)	53,439	49,139	31,709	(4,300)	17,430	239,919	222,347	17,572
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	4,164	4,164	3,837	0	327	58,763	58,436	327
Chargeable Task CodeTot	0	0	10	0	(10)	57,602	53,303	35,546	(4,300)	17,757	298,682	280,783	17,899
2.0.3.3.3.2 Horn 1 Stripline Block													
PC Personnel Costs													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	19,640	19,640	0	0	19,640	19,640	0	19,640
Chargeable Task CodeTot	0	0	0	0	0	19,640	19,640	0	0	19,640	19,640	0	19,640
2.0.3.3.3 Radiant Heat Loads													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	9,187	2,742	0	(6,444)	2,742	13,690	11,114	2,576
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	3,142	937	0	(2,205)	937	40,291	39,423	868
Chargeable Task CodeTot	0	0	0	0	0	12,328	3,679	0	(8,649)	3,679	53,981	50,537	3,444
2.0.3.4.1.1 Target RAW													
MS Materials & Services													
Fully burdened AY\$	0	0	1,030	0	(1,030)	0	0	1,030	0	(1,030)	14,321	15,351	(1,030)
PC Personnel Costs													
Fully burdened AY\$	0	0	11,211	0	(11,211)	0	0	39,451	0	(39,451)	32,929	72,380	(39,451)
Chargeable Task CodeTot	0	0	12,241	0	(12,241)	0	0	40,481	0	(40,481)	47,250	87,731	(40,481)
2.0.3.4.1.2 Horns RAW													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	65,877	65,877	0
PC Personnel Costs													
Fully burdened AY\$	0	0	960	0	(960)	0	0	2,335	0	(2,335)	122,233	124,569	(2,335)
Chargeable Task CodeTot	0	0	960	0	(960)	0	0	2,335	0	(2,335)	188,110	190,446	(2,335)
2.0.3.4.1.3 Horn 2 RAW Piping													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	26,669	27,322	(653)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	26,608	27,507	(899)
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	53,277	54,829	(1,552)
2.0.3.4.1.4 Decay Pipe RAW													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	63,941	63,941	0
PC Personnel Costs													
Fully burdened AY\$	0	0	2,399	0	(2,399)	0	0	5,449	0	(5,449)	117,599	123,048	(5,449)
Chargeable Task CodeTot	0	0	2,399	0	(2,399)	0	0	5,449	0	(5,449)	181,540	186,989	(5,449)
2.0.3.4.1.5 Hadron Absorber RAW & Intermediate													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	25,521	25,521	0
PC Personnel Costs													
Fully burdened AY\$	0	0	5,631	0	(5,631)	0	0	7,485	0	(7,485)	80,130	87,615	(7,485)
Chargeable Task CodeTot	0	0	5,631	0	(5,631)	0	0	7,485	0	(7,485)	105,651	113,136	(7,485)
2.0.3.4.1.6 NuMI RAW Exchange System													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	224,168	224,168	0
PC Personnel Costs													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	120,227	120,227	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	344,395	344,395	0
2.0.3.4.2.1 NuMI LCW													
MS Materials & Services													
Fully burdened AY\$	0	0	1,030	0	(1,030)	0	0	1,030	0	(1,030)	25,089	26,119	(1,030)
PC Personnel Costs													
Fully burdened AY\$	0	0	2,720	0	(2,720)	0	0	2,720	0	(2,720)	44,717	47,436	(2,720)
Chargeable Task CodeTot	0	0	3,750	0	(3,750)	0	0	3,750	0	(3,750)	69,806	73,555	(3,750)
2.0.3.4.2.2 CUB Chilled Water System													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	25,089	25,089	0
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	44,717	44,717	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	69,806	69,806	0
2.0.3.4.2.3 NuMI Sump Cooling Water Syst													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	59,093	0	0	(59,093)	0	59,093	59,093	0
Chargeable Task CodeTot	0	0	0	0	0	59,093	0	0	(59,093)	0	59,093	59,093	0
2.0.3.4.2.4 MI-65 Secondary Chilled Water System													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	23,311	23,311	0
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	44,717	44,717	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	68,028	68,028	0
2.0.3.4.3 NuMI Electrical Infrastructure													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	51,221	51,221	0
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	38,170	38,170	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	89,391	89,391	0
2.0.4 Project Management - ANU - Construction													
MS Materials & Services													
Fully burdened AY\$	1,605	1,605	0	0	1,605	42,004	42,004	317	0	41,687	98,886	57,218	41,667
PC Personnel Costs													
Fully burdened AY\$	49,015	49,015	28,878	0	20,137	1,886,155	1,886,155	824,612	0	1,061,542	3,671,411	2,611,482	1,059,929
Chargeable Task CodeTot	50,621	50,621	28,878	0	21,742	1,928,158	1,928,158	824,929	0	1,103,229	3,770,297	2,668,701	1,101,596
2.1.1.1 Title 2 (Design) Phase													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	135,951	135,951	0	0	135,951	135,951	0	135,951
Chargeable Task CodeTot	0	0	0	0	0	135,951	135,951	0	0	135,951	135,951	0	135,951
2.1.1.2 Wetland Mitigation													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	50,589	50,589	66,371	0	(15,782)	50,589	66,371	(15,782)
Chargeable Task CodeTotal	0	0	0	0	0	50,589	50,589	66,371	0	(15,782)	50,589	66,371	(15,782)
2.1.1.4 Build Phase - Site Prep Pkg													
MS Materials & Services Fully burdened AY\$	278,725	0	(84,951)	(278,725)	84,951	12,484,555	12,667,477	11,899,002	182,922	768,475	12,667,477	11,899,002	768,475
Chargeable Task CodeTotal	278,725	0	(84,951)	(278,725)	84,951	12,484,555	12,667,477	11,899,002	182,922	768,475	12,667,477	11,899,002	768,475
2.1.1.5.1.1 PM Fee (Hines)													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	91,397	91,397	154,742	0	(63,345)	91,397	154,742	(63,345)
Chargeable Task CodeTotal	0	0	0	0	0	91,397	91,397	154,742	0	(63,345)	91,397	154,742	(63,345)
2.1.1.5.1.2 UMN Fee													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	21,935	21,935	16,754	0	5,181	21,935	16,754	5,181
Chargeable Task CodeTotal	0	0	0	0	0	21,935	21,935	16,754	0	5,181	21,935	16,754	5,181
2.1.1.5.1.3 Fermilab													
MS Materials & Services Fully burdened AY\$	0	0	771	0	(771)	102,101	102,101	70,579	0	31,522	102,101	70,579	31,522
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	17,581	0	(17,581)	0	17,581	(17,581)
Chargeable Task CodeTotal	0	0	771	0	(771)	102,101	102,101	88,160	0	13,941	102,101	88,160	13,941
2.1.1.5.2.1 Cooperative Agreement Receipt - Title 3 - Site Prep Pkg													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	895,213	895,213	354,583	0	540,630	895,213	354,583	540,630
Chargeable Task CodeTotal	0	0	0	0	0	895,213	895,213	354,583	0	540,630	895,213	354,583	540,630
2.1.1.5.2.2 Fermilab - Title 3 - Site Prep Pkg													
MS Materials & Services Fully burdened AY\$	0	0	824	0	(824)	290,851	290,851	136,341	0	154,509	290,851	136,341	154,509
PC Personnel Costs Fully burdened AY\$	0	0	439	0	(439)	0	0	40,092	0	(40,092)	0	40,092	(40,092)
Chargeable Task CodeTotal	0	0	1,263	0	(1,263)	290,851	290,851	176,433	0	114,418	290,851	176,433	114,418
2.1.2.1 Design Phase													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	1,092,957	1,092,957	440,743	0	652,214	1,092,957	440,743	652,214
Chargeable Task CodeTotal	0	0	0	0	0	1,092,957	1,092,957	440,743	0	652,214	1,092,957	440,743	652,214
2.1.2.4.1.1 PM Fee (Hines)													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	263,239	263,239	210,509	0	52,730	263,239	210,509	52,730
Chargeable Task CodeTotal	0	0	0	0	0	263,239	263,239	210,509	0	52,730	263,239	210,509	52,730
2.1.2.4.1.2 UMN Fee													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	63,178	63,178	166	0	63,012	63,178	166	63,012
Chargeable Task CodeTotal	0	0	0	0	0	63,178	63,178	166	0	63,012	63,178	166	63,012

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOvA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.1.2.4.1.3 Fermilab													
MS Materials & Services Fully burdened AY\$	0	0	18	0	(18)	584,890	584,890	69,481	0	515,409	584,890	69,481	515,409
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	21,611	0	(21,611)	0	21,611	(21,611)
Chargeable Task CodeTot	0	0	18	0	(18)	584,890	584,890	91,092	0	493,798	584,890	91,092	493,798
2.1.2.4.2.1 Cooperative Agreement Receipt - Title 3 - FD Bldg Pkg													
MS Materials & Services Fully burdened AY\$	23,220	0	42,613	(23,220)	(42,613)	710,945	650,459	1,480,158	(60,486)	(829,699)	745,775	1,575,475	(829,699)
Chargeable Task CodeTot	23,220	0	42,613	(23,220)	(42,613)	710,945	650,459	1,480,158	(60,486)	(829,699)	745,775	1,575,475	(829,699)
2.1.2.4.2.2 Fermilab - Title 3 - FD Bldg Pkg													
MS Materials & Services Fully burdened AY\$	133,768	75,975	54,159	(57,793)	21,816	1,262,413	1,142,151	672,733	(120,262)	469,418	1,647,313	1,180,242	467,071
PC Personnel Costs Fully burdened AY\$	0	0	2,400	0	(2,400)	0	0	52,787	0	(52,787)	0	52,787	(52,787)
Chargeable Task CodeTot	133,768	75,975	56,559	(57,793)	19,416	1,262,413	1,142,151	725,520	(120,262)	416,631	1,647,313	1,233,029	414,284
2.1.2.5 Far Detector Building - Build Phase II													
MS Materials & Services Fully burdened AY\$	1,562,839	730,869	671,240	(831,970)	59,629	15,854,673	15,121,648	15,552,188	(733,025)	(430,540)	17,135,524	17,609,484	(473,960)
Chargeable Task CodeTot	1,562,839	730,869	671,240	(831,970)	59,629	15,854,673	15,121,648	15,552,188	(733,025)	(430,540)	17,135,524	17,609,484	(473,960)
2.1.4.1 Permits													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	276,370	213,448	172,248	(62,922)	41,200	276,370	204,882	71,488
Chargeable Task CodeTot	0	0	0	0	0	276,370	213,448	172,248	(62,922)	41,200	276,370	204,882	71,488
2.1.4.4 Quality Control - Site and Building													
MS Materials & Services Fully burdened AY\$	16,692	10,354	10,928	(6,338)	(574)	254,961	164,468	343,846	(90,493)	(179,378)	280,000	460,687	(180,687)
Chargeable Task CodeTot	16,692	10,354	10,928	(6,338)	(574)	254,961	164,468	343,846	(90,493)	(179,378)	280,000	460,687	(180,687)
2.1.5 Far Detector Building Outfitting													
MS Materials & Services Fully burdened AY\$	74,982	45,195	94,311	(29,787)	(49,116)	386,724	326,710	287,905	(60,014)	38,805	3,393,247	3,336,439	56,809
PC Personnel Costs Fully burdened AY\$	0	0	963	0	(963)	0	0	3,282	0	(3,282)	0	3,282	(3,282)
Chargeable Task CodeTot	74,982	45,195	95,275	(29,787)	(50,079)	386,724	326,710	291,187	(60,014)	35,523	3,393,247	3,339,720	53,527
2.1.6 Transition Support Tasks													
MS Materials & Services Fully burdened AY\$	12,000	0	144	(12,000)	(144)	88,340	76,341	144	(12,000)	76,197	156,002	79,805	76,197
Chargeable Task CodeTot	12,000	0	144	(12,000)	(144)	88,340	76,341	144	(12,000)	76,197	156,002	79,805	76,197
2.1.7 Block Pivoter Assembly													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	174,615	174,615	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	174,615	174,615	0

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM			REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project			FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.10 Project Management - Nova Project - Construction													
MS Materials & Services Fully burdened AY\$	20,799	20,799	36,632	0	(15,834)	542,767	542,767	245,639	0	297,128	1,255,435	958,561	296,874
PC Personnel Costs Fully burdened AY\$	235,942	235,942	171,285	0	64,657	3,388,179	3,388,179	3,167,478	0	220,701	12,099,693	11,881,870	217,822
Chargeable Task CodeTot	256,740	256,740	207,917	0	48,823	3,930,945	3,930,945	3,413,117	0	517,829	13,355,128	12,840,431	514,697
2.2.1 Mineral Oil													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	161,525	161,525	234,966	0	(73,440)	13,898,249	13,971,689	(73,440)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	4,237	4,237	0	0	4,237	89,980	85,743	4,237
Chargeable Task CodeTot	0	0	0	0	0	165,762	165,762	234,966	0	(69,204)	13,988,229	14,057,432	(69,204)
2.2.2 Pseudocumene													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	56,655	56,655	56,405	0	250	1,601,705	1,601,182	524
Chargeable Task CodeTot	0	0	0	0	0	56,655	56,655	56,405	0	250	1,601,705	1,601,182	524
2.2.3 Waveshifters and Stadis 425													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	2,833,442	2,833,700	2,833,382	258	318	3,416,614	3,416,296	318
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	10,322	10,322	0	0	10,322	10,322	0	10,322
Chargeable Task CodeTot	0	0	0	0	0	2,843,763	2,844,022	2,833,382	258	10,640	3,426,936	3,416,296	10,640
2.2.4 Blending													
MS Materials & Services Fully burdened AY\$	3,526	3,526	2,729	0	797	111,561	111,561	149,975	0	(38,414)	672,179	709,341	(37,161)
PC Personnel Costs Fully burdened AY\$	0	0	76	0	(76)	4,237	4,237	19,523	0	(15,287)	156,589	170,496	(13,907)
Chargeable Task CodeTot	3,526	3,526	2,805	0	721	115,798	115,798	169,498	0	(53,700)	828,768	879,837	(51,069)
2.2.5 Transport - Liquid Scintillator													
MS Materials & Services Fully burdened AY\$	0	0	86	0	(86)	30,151	18,090	24,056	(12,060)	(5,965)	1,370,276	1,369,737	539
PC Personnel Costs Fully burdened AY\$	0	0	1,130	0	(1,130)	0	0	2,793	0	(2,793)	121,662	123,133	(1,472)
Chargeable Task CodeTot	0	0	1,216	0	(1,216)	30,151	18,090	26,848	(12,060)	(8,758)	1,491,937	1,492,870	(933)
2.2.6 Management - Liquid Scintillator - Construction													
MS Materials & Services Fully burdened AY\$	1,616	1,616	1,025	0	592	36,774	36,774	27,401	0	9,373	106,729	97,376	9,353
Chargeable Task CodeTot	1,616	1,616	1,025	0	592	36,774	36,774	27,401	0	9,373	106,729	97,376	9,353
2.3.1 Procurement													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	83,852	83,852	83,367	0	485	83,852	83,367	485
PC Personnel Costs													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	523	523	0	0	523	523	0	523
Chargeable Task CodeTot	0	0	0	0	0	84,374	84,374	83,367	0	1,008	84,374	83,367	1,008
2.3.2 Production - WLS Fiber													
MS Materials & Services Fully burdened AY\$	349,770	361,944	309,775	12,174	52,169	3,510,514	3,873,615	3,929,504	363,101	(55,889)	11,945,419	11,984,017	(38,598)
Chargeable Task CodeTot	349,770	361,944	309,775	12,174	52,169	3,510,514	3,873,615	3,929,504	363,101	(55,889)	11,945,419	11,984,017	(38,598)
2.3.3 Management - Construction Phase													
MS Materials & Services Fully burdened AY\$	808	808	0	0	808	19,513	19,513	6,400	0	13,113	37,646	24,542	13,104
Chargeable Task CodeTot	808	808	0	0	808	19,513	19,513	6,400	0	13,113	37,646	24,542	13,104
2.3.4 Additional WLS Fiber-related Tasks													
MS Materials & Services Fully burdened AY\$	2,654	2,684	(0)	30	2,684	90,468	74,450	82,232	(16,018)	(7,782)	95,643	103,503	(7,860)
Chargeable Task CodeTot	2,654	2,684	(0)	30	2,684	90,468	74,450	82,232	(16,018)	(7,782)	95,643	103,503	(7,860)
2.4.1 Procurement													
MS Materials & Services Fully burdened AY\$	0	1,035	2,326	1,035	(1,292)	149,814	143,364	336,304	(6,450)	(192,940)	149,814	342,934	(193,120)
PC Personnel Costs Fully burdened AY\$	0	0	4,041	0	(4,041)	28,223	28,223	21,912	0	6,311	28,223	21,912	6,311
Chargeable Task CodeTot	0	1,035	6,367	1,035	(5,333)	178,037	171,588	358,217	(6,450)	(186,629)	178,037	364,846	(186,809)
2.4.2 Extrusion Pre-Production													
MS Materials & Services Fully burdened AY\$	0	19,315	67,484	19,315	(48,168)	1,044,488	1,020,900	1,326,349	(23,588)	(305,449)	1,044,488	1,334,060	(289,572)
Chargeable Task CodeTot	0	19,315	67,484	19,315	(48,168)	1,044,488	1,020,900	1,326,349	(23,588)	(305,449)	1,044,488	1,334,060	(289,572)
2.4.3 Extrusion Production													
MS Materials & Services Fully burdened AY\$	51,746	0	59,445	(51,746)	(59,445)	1,092,096	1,092,096	1,439,764	(0)	(347,668)	20,495,281	20,856,716	(361,435)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	269,003	269,420	(416)
Chargeable Task CodeTot	51,746	0	59,445	(51,746)	(59,445)	1,092,096	1,092,096	1,439,764	(0)	(347,668)	20,764,284	21,126,135	(361,851)
2.4.4 Production Quality Assurance and Extrusion Evaluation													
MS Materials & Services Fully burdened AY\$	472	11,208	(3,656)	10,736	14,864	138,564	117,966	121,487	(20,598)	(3,521)	537,153	477,755	59,398
PC Personnel Costs Fully burdened AY\$	0	0	12,312	0	(12,312)	0	0	32,237	(0)	(32,237)	338,979	270,751	68,229
Chargeable Task CodeTot	472	11,208	8,657	10,736	2,552	138,564	117,966	153,725	(20,598)	(35,759)	876,133	748,506	127,626
2.4.5 Shipping & Handling - PVC Extrusions													
MS Materials & Services Fully burdened AY\$	35,704	96,962	107,844	61,258	(10,883)	519,575	561,847	425,931	42,272	135,916	1,114,914	971,315	143,600
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	12,064	6,508	0	(5,556)	6,508	15,099	8,867	6,232
Chargeable Task CodeTot	35,704	96,962	107,844	61,258	(10,883)	531,640	568,355	425,931	36,716	142,424	1,130,013	980,182	149,831

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM				REPORT PERIOD	
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010	
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.4.6 Management - Construction Phase													
MS Materials & Services Fully burdened AY\$	3,537	3,537	1,613	0	1,925	59,605	59,605	28,965	0	30,640	171,921	141,324	30,597
PC Personnel Costs Fully burdened AY\$	10,253	10,253	15,685	0	(5,433)	173,346	173,346	118,545	0	54,801	612,465	557,789	54,677
Chargeable Task CodeTot	13,790	13,790	17,298	0	(3,508)	232,951	232,951	147,510	0	85,441	784,386	699,113	85,273
2.5.1.1 Fiber Manifold Production													
MS Materials & Services Fully burdened AY\$	56,747	71,303	27,436	14,556	43,867	338,852	291,619	33,592	(47,233)	258,026	1,445,776	1,187,329	258,447
PC Personnel Costs Fully burdened AY\$	3,925	4,998	398	1,073	4,600	16,424	14,758	10,617	(1,666)	4,140	16,424	12,243	4,181
Chargeable Task CodeTot	60,672	76,301	27,835	15,629	48,467	355,276	306,376	44,210	(48,899)	262,167	1,462,200	1,199,572	262,628
2.5.1.2 End Plate and Seal Production													
MS Materials & Services Fully burdened AY\$	1,707	1,109	0	(598)	1,109	26,555	17,742	0	(8,814)	17,742	478,164	388,259	89,905
Chargeable Task CodeTot	1,707	1,109	0	(598)	1,109	26,555	17,742	0	(8,814)	17,742	478,164	388,259	89,905
2.5.2 Optical Connector Production													
MS Materials & Services Fully burdened AY\$	2,004	0	0	(2,004)	0	29,525	18,850	0	(10,674)	18,850	130,372	99,191	31,181
Chargeable Task CodeTot	2,004	0	0	(2,004)	0	29,525	18,850	0	(10,674)	18,850	130,372	99,191	31,181
2.5.3.1 Factory Machines, Tooling, & Fixtures - PVC Modules													
MS Materials & Services Fully burdened AY\$	81,584	71,875	139,865	(9,709)	(67,990)	2,264,117	1,769,124	1,454,524	(494,994)	314,600	2,521,419	2,129,477	391,942
Chargeable Task CodeTot	81,584	71,875	139,865	(9,709)	(67,990)	2,264,117	1,769,124	1,454,524	(494,994)	314,600	2,521,419	2,129,477	391,942
2.5.3.2 Factory Setup and Operation													
MS Materials & Services Fully burdened AY\$	108,146	109,035	101,340	888	7,695	1,889,010	1,836,222	1,430,181	(52,788)	406,041	4,739,015	4,334,955	404,060
Chargeable Task CodeTot	108,146	109,035	101,340	888	7,695	1,889,010	1,836,222	1,430,181	(52,788)	406,041	4,739,015	4,334,955	404,060
2.5.3.3 Module Assembly													
MS Materials & Services Fully burdened AY\$	16,037	6,818	32,926	(9,219)	(26,108)	271,255	268,282	225,936	(2,973)	42,345	6,023,918	6,086,311	(62,393)
Chargeable Task CodeTot	16,037	6,818	32,926	(9,219)	(26,108)	271,255	268,282	225,936	(2,973)	42,345	6,023,918	6,086,311	(62,393)
2.5.4 Management - PVC Modules - Construction													
MS Materials & Services Fully burdened AY\$	32,316	32,316	32,701	0	(386)	642,766	642,766	521,307	0	121,459	1,535,493	1,414,426	121,066
Chargeable Task CodeTot	32,316	32,316	32,701	0	(386)	642,766	642,766	521,307	0	121,459	1,535,493	1,414,426	121,066
2.6.1.1 APD Housing													
MS Materials & Services Fully burdened AY\$	51,224	78,391	36,355	27,167	42,036	106,580	116,662	232,703	10,082	(116,041)	510,134	625,188	(115,054)
Chargeable Task CodeTot	51,224	78,391	36,355	27,167	42,036	106,580	116,662	232,703	10,082	(116,041)	510,134	625,188	(115,054)
2.6.1.2 APD Arrays													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM				REPORT PERIOD	
NAME Fermi National Accelerator Laboratory			NAME					NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010	
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	5,486,534	5,613,476	(126,942)
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	5,486,534	5,613,476	(126,942)
2.6.1.3 APD Module Testing													
MS Materials & Services													
Fully burdened AY\$	25,734	41,753	0	16,019	41,753	25,734	41,753	0	16,019	41,753	319,756	277,359	42,397
Chargeable Task CodeTot	25,734	41,753	0	16,019	41,753	25,734	41,753	0	16,019	41,753	319,756	277,359	42,397
2.6.1.4 APD Module Shipping													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	137	137	0	0	137	4,568	4,407	161
Chargeable Task CodeTot	0	0	0	0	0	137	137	0	0	137	4,568	4,407	161
2.6.1.5 APD Modules - Near Detector													
MS Materials & Services													
Fully burdened AY\$	0	0	432	0	(432)	363,555	363,555	292,239	0	71,316	363,555	292,239	71,316
Chargeable Task CodeTot	0	0	432	0	(432)	363,555	363,555	292,239	0	71,316	363,555	292,239	71,316
2.6.2.1.1 Far Detector ASIC Production													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	257,344	257,689	(346)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	245,952	246,271	(319)
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	503,296	503,960	(665)
2.6.2.1.3 ADCs													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	115,788	8,903	17,383	(106,884)	(8,480)	115,788	128,031	(12,244)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	5,046	388	200	(4,658)	188	5,046	5,141	(96)
Chargeable Task CodeTot	0	0	0	0	0	120,834	9,291	17,583	(111,542)	(8,292)	120,834	133,173	(12,339)
2.6.2.1.4 Commercial off-the-shelf items (COTs) - FEBs													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	867,560	867,560	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	867,560	867,560	0
2.6.2.1.5 PC boards													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	194,376	194,376	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	194,376	194,376	0
2.6.2.1.6 Procure electronics box													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	14,997	0	(14,997)	207,634	222,631	(14,997)
Chargeable Task CodeTot	0	0	0	0	0	0	0	14,997	0	(14,997)	207,634	222,631	(14,997)
2.6.2.1.7 TEC Controller Modules													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	58,289	0	(58,289)	367,568	425,978	(58,410)
Chargeable Task CodeTot	0	0	0	0	0	0	0	58,289	0	(58,289)	367,568	425,978	(58,410)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.6.2.2 Far Detector FEB Fabrication and Assembly													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	283,063	283,063	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	283,063	283,063	0
2.6.2.3 Near Detector Fabrication and Assembly - FEBs													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	54,102	54,102	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	54,102	54,102	0
2.6.2.4 Firmware maintenance - FEBs													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	42,030	42,030	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	42,030	42,030	0
2.6.2.5 QA/QC - FEBs													
MS Materials & Services Fully burdened AY\$	0	0	3,165	0	(3,165)	0	3,440	48,315	3,440	(44,876)	137,759	182,634	(44,876)
Chargeable Task CodeTot	0	0	3,165	0	(3,165)	0	3,440	48,315	3,440	(44,876)	137,759	182,634	(44,876)
2.6.2.6 FEB production oversight													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	35,294	35,294	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	35,294	35,294	0
2.6.2.7 FEB Shipping													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	12,264	12,200	64
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	12,264	12,200	64
2.6.2.8 Near Detector Pre-Production FEBs													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	113,466	113,466	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	567	567	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	114,033	114,033	0
2.6.3.1 Low Voltage Power Supplies													
MS Materials & Services Fully burdened AY\$	2,318	0	0	(2,318)	0	7,069	9,155	29,676	2,086	(20,521)	694,754	718,035	(23,281)
Chargeable Task CodeTot	2,318	0	0	(2,318)	0	7,069	9,155	29,676	2,086	(20,521)	694,754	718,035	(23,281)
2.6.3.2 High Voltage Power Supplies													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	170,261	170,261	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	170,261	170,261	0
2.6.3.3 Power Cables - Readout Infrastructure													
MS Materials & Services Fully burdened AY\$	438	0	1,095	(438)	(1,095)	10,039	8,702	9,086	(1,336)	(384)	326,069	326,497	(427)
Chargeable Task CodeTot	438	0	1,095	(438)	(1,095)	10,039	8,702	9,086	(1,336)	(384)	326,069	326,497	(427)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.6.3.4 Power Distribution Boxes													
MS Materials & Services Fully burdened AY\$	10,334	0	0	(10,334)	0	32,634	32,634	33,191	0	(557)	517,761	518,639	(878)
Chargeable Task CodeTot	10,334	0	0	(10,334)	0	32,634	32,634	33,191	0	(557)	517,761	518,639	(878)
2.6.3.5 Cooling - Readout Infrastructure													
MS Materials & Services Fully burdened AY\$	0	0	221	0	(221)	32,634	32,634	4,109	0	28,525	1,430,600	1,398,090	32,510
PC Personnel Costs Fully burdened AY\$	0	0	2,239	0	(2,239)	0	0	2,239	0	(2,239)	0	2,239	(2,239)
Chargeable Task CodeTot	0	0	2,460	0	(2,460)	32,634	32,634	6,348	0	26,286	1,430,600	1,400,329	30,271
2.6.3.6 Power Distribution System Shipping													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	2,759	0	(2,759)	27,980	30,739	(2,759)
Chargeable Task CodeTot	0	0	0	0	0	0	0	2,759	0	(2,759)	27,980	30,739	(2,759)
2.6.4 Management - Electronics - Construction													
MS Materials & Services Fully burdened AY\$	1,056	1,056	0	0	1,056	27,859	27,859	11,875	0	15,984	54,732	38,761	15,971
Chargeable Task CodeTot	1,056	1,056	0	0	1,056	27,859	27,859	11,875	0	15,984	54,732	38,761	15,971
2.7.1 DAQ Software													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	85,038	53,566	0	(31,472)	53,566	85,038	31,895	53,143
PC Personnel Costs Fully burdened AY\$	17,690	13,872	9,685	(3,818)	4,186	337,831	293,983	175,814	(43,848)	118,169	615,523	497,610	117,913
Chargeable Task CodeTot	17,690	13,872	9,685	(3,818)	4,186	422,869	347,549	175,814	(75,320)	171,735	700,561	529,505	171,056
2.7.2.1 Data Concentrator													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	18,282	18,282	0	0	18,282	754,315	736,033	18,282
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	107,139	25,971	0	(81,169)	25,971	181,087	159,866	21,221
Chargeable Task CodeTot	0	0	0	0	0	125,421	44,253	0	(81,169)	44,253	935,402	895,899	39,503
2.7.2.2 Control and Timing System													
MS Materials & Services Fully burdened AY\$	0	0	143	0	(143)	9,751	0	143	(9,751)	(143)	92,358	93,509	(1,151)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	64,512	0	0	(64,512)	0	212,144	216,258	(4,114)
Chargeable Task CodeTot	0	0	143	0	(143)	74,263	0	143	(74,263)	(143)	304,502	309,767	(5,265)
2.7.2.3 Network													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	107,154	107,154	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	8,248	0	0	(8,248)	0	34,657	35,069	(412)
Chargeable Task CodeTot	0	0	0	0	0	8,248	0	0	(8,248)	0	141,811	142,222	(412)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.7.2.4 Control Room Equipment and Infrastructure - DAQ													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	33,905	33,905	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	8,248	0	0	(8,248)	0	72,749	73,420	(672)
Chargeable Task CodeTotal	0	0	0	0	0	8,248	0	0	(8,248)	0	106,654	107,326	(672)
2.7.2.5 Buffer Farm													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	519,518	519,518	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	9,279	0	0	(9,279)	0	44,777	45,240	(463)
Chargeable Task CodeTotal	0	0	0	0	0	9,279	0	0	(9,279)	0	564,295	564,758	(463)
2.7.2.6 Data Storage													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	33,396	33,396	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	8,248	0	0	(8,248)	0	30,112	30,524	(412)
Chargeable Task CodeTotal	0	0	0	0	0	8,248	0	0	(8,248)	0	63,509	63,921	(412)
2.7.2.7 Cabling - DAQ													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	113,593	113,593	0
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	8,248	0	0	(8,248)	0	43,746	44,158	(412)
Chargeable Task CodeTotal	0	0	0	0	0	8,248	0	0	(8,248)	0	157,339	157,751	(412)
2.7.2.8 Databases													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	9,425	9,425	0
Chargeable Task CodeTotal	0	0	0	0	0	0	0	0	0	0	9,425	9,425	0
2.7.3 Integration - DAQ													
PC Personnel Costs Fully burdened AY\$	3,382	3,382	11,928	0	(8,546)	118,168	118,168	81,191	0	36,977	427,361	394,572	32,789
Chargeable Task CodeTotal	3,382	3,382	11,928	0	(8,546)	118,168	118,168	81,191	0	36,977	427,361	394,572	32,789
2.7.4 Detector Control System													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	204,894	204,894	0
Chargeable Task CodeTotal	0	0	0	0	0	0	0	0	0	0	204,894	204,894	0
2.7.5 Management - DAQ - Construction													
MS Materials & Services Fully burdened AY\$	673	673	0	0	673	12,086	12,086	0	0	12,086	27,049	14,971	12,078
Chargeable Task CodeTotal	673	673	0	0	673	12,086	12,086	0	0	12,086	27,049	14,971	12,078
2.8.1 Near Detector Site Preparation													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM				REPORT PERIOD	
NAME Fermi National Accelerator Laboratory			NAME					NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010	
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK PERFORMED (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	2,777	33,630	2,777	(30,853)	130,201	83,421	502,747	(46,780)	(419,326)	5,160,032	5,636,438	(476,406)
PC Personnel Costs													
Fully burdened AY\$	0	0	14,697	0	(14,697)	4,482	1,959	53,394	(2,523)	(51,435)	14,071	65,654	(51,583)
Chargeable Task CodeTot	0	2,777	48,328	2,777	(45,550)	134,683	85,381	556,142	(49,303)	(470,761)	5,174,103	5,702,092	(527,989)
2.8.2 Mechanical Construction and Installation - Near Detector													
MS Materials & Services													
Fully burdened AY\$	0	286	20,117	286	(19,831)	360,450	349,242	490,608	(11,208)	(141,366)	410,249	552,854	(142,605)
PC Personnel Costs													
Fully burdened AY\$	0	3,660	42,366	3,660	(38,706)	20,470	13,150	69,217	(7,320)	(56,067)	72,991	131,800	(58,809)
Chargeable Task CodeTot	0	3,946	62,483	3,946	(58,537)	380,920	362,392	559,825	(18,527)	(197,433)	483,240	684,653	(201,413)
2.8.3 Liquid Scintillator Filling Equipment													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	39,386	40,244	(858)
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	15,454	15,454	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	54,840	55,698	(858)
2.8.4 Installation Coordination													
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	32,496	32,496	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	32,496	32,496	0
2.8.5 Management - Near Detector Assembly - Construction													
MS Materials & Services													
Fully burdened AY\$	1,077	1,077	0	0	1,077	44,399	44,399	0	0	44,399	76,071	31,685	44,386
PC Personnel Costs													
Fully burdened AY\$	718	718	0	0	718	16,027	16,027	0	0	16,027	37,138	21,120	16,018
Chargeable Task CodeTot	1,794	1,794	0	0	1,794	60,426	60,426	0	0	60,426	113,210	52,805	60,405
2.9.1.1 Module Lifting Fixtures													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	125,504	110,896	152,710	(14,608)	(41,814)	196,198	239,906	(43,708)
Chargeable Task CodeTot	0	0	0	0	0	125,504	110,896	152,710	(14,608)	(41,814)	196,198	239,906	(43,708)
2.9.1.2 Adhesive Dispenser													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	327,688	315,568	89,613	(12,119)	225,955	327,688	101,856	225,832
Chargeable Task CodeTot	0	0	0	0	0	327,688	315,568	89,613	(12,119)	225,955	327,688	101,856	225,832
2.9.1.3 Block Safety Constraint Beam													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	31,509	0	0	(31,509)	0	31,509	32,922	(1,413)
Chargeable Task CodeTot	0	0	0	0	0	31,509	0	0	(31,509)	0	31,509	32,922	(1,413)
2.9.1.4 Block Pivoter Construction and Pallet Final Design													
MS Materials & Services													
Fully burdened AY\$	0	0	98,616	0	(98,616)	0	0	589,399	0	(589,399)	1,191,126	1,780,525	(589,399)
PC Personnel Costs													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT					PROGRAM				REPORT PERIOD	
NAME Fermi National Accelerator Laboratory			NAME					NAME NOvA Project				FROM 01-Dec-2010 TO 31-Dec-2010	
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	12,248	126,717	12,248	(114,470)	42,853	14,275	294,205	(28,578)	(279,930)	154,352	438,418	(284,066)
Chargeable Task CodeTot	0	12,248	225,333	12,248	(213,086)	42,853	14,275	883,604	(28,578)	(869,329)	1,345,479	2,218,943	(873,464)
2.9.1.5 Survey Equipment													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	410,905	273,155	298,978	(137,750)	(25,823)	410,905	442,738	(31,833)
Chargeable Task CodeTot	0	0	0	0	0	410,905	273,155	298,978	(137,750)	(25,823)	410,905	442,738	(31,833)
2.9.2.2 Bookends													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	32,795	9,141	0	(23,654)	9,141	60,564	52,974	7,591
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	37,692	10,743	0	(26,949)	10,743	38,912	32,070	6,842
Chargeable Task CodeTot	0	0	0	0	0	70,487	19,884	0	(50,603)	19,884	99,476	85,044	14,433
2.9.2.3 Detector Structure Monitoring Equipment													
MS Materials & Services Fully burdened AY\$	0	0	491	0	(491)	0	0	1,357	0	(1,357)	112,847	114,204	(1,357)
Chargeable Task CodeTot	0	0	491	0	(491)	0	0	1,357	0	(1,357)	112,847	114,204	(1,357)
2.9.3.1 Scintillator Transfer Facility - Far Detector													
MS Materials & Services Fully burdened AY\$	2,109	1,173	0	(936)	1,173	109,368	9,379	8,423	(99,989)	956	145,296	155,119	(9,823)
Chargeable Task CodeTot	2,109	1,173	0	(936)	1,173	109,368	9,379	8,423	(99,989)	956	145,296	155,119	(9,823)
2.9.3.2 Scintillator Distribution Plumbing - Far Detector													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	73,268	15,993	0	(57,275)	15,993	101,874	102,371	(498)
Chargeable Task CodeTot	0	0	0	0	0	73,268	15,993	0	(57,275)	15,993	101,874	102,371	(498)
2.9.3.3 Scintillator Filling Machines													
MS Materials & Services Fully burdened AY\$	27,212	0	1,127	(27,212)	(1,127)	87,224	33,392	23,103	(53,832)	10,288	129,325	119,118	10,207
Chargeable Task CodeTot	27,212	0	1,127	(27,212)	(1,127)	87,224	33,392	23,103	(53,832)	10,288	129,325	119,118	10,207
2.9.3.4 Vapor Recovery System - Far Detector													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	3,199	0	0	(3,199)	0	99,617	99,931	(314)
Chargeable Task CodeTot	0	0	0	0	0	3,199	0	0	(3,199)	0	99,617	99,931	(314)
2.9.3.5 Scintillator Filling System Commissioning													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	7,648	8,015	(367)
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	7,648	8,015	(367)
2.9.4.1 Assembly Infrastructure Setup - Far Detector													
MS Materials & Services Fully burdened AY\$	0	0	0	0	(0)	0	0	2,187	0	(2,187)	166,861	168,894	(2,034)
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	6,664	6,664	0
Chargeable Task CodeTot	0	0	0	0	(0)	0	0	2,187	0	(2,187)	173,525	175,558	(2,034)

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR			CONTRACT				PROGRAM				REPORT PERIOD		
NAME Fermi National Accelerator Laboratory			NAME				NAME NOVA Project				FROM 01-Dec-2010 TO 31-Dec-2010		
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
2.9.4.2.1 Block Pallets													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	436,644	434,893	1,751
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	2,221	2,221	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	438,865	437,114	1,751
2.9.4.2.2 Adhesive													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	2,569	0	(2,569)	2,916,583	2,908,369	8,214
Chargeable Task CodeTot	0	0	0	0	0	0	0	2,569	0	(2,569)	2,916,583	2,908,369	8,214
2.9.4.2.3 Expansion Tanks													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	107,680	107,217	463
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	2,221	2,221	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	109,902	109,439	463
2.9.4.2.4 Filler Grout													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	467,501	465,638	1,864
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	2,221	2,221	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	469,723	467,859	1,864
2.9.4.2.5 Block Base Grout													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	46,627	46,298	329
PC Personnel Costs Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	2,221	2,221	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	48,848	48,519	329
2.9.4.3 Block Assembly and Alignment													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	3,965,775	3,942,888	22,886
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	3,965,775	3,942,888	22,886
2.9.4.4 Detector Block Filling													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	493,106	488,792	4,314
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	493,106	488,792	4,314
2.9.4.5 Detector Block Outfitting													
MS Materials & Services Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	595,728	591,420	4,308
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	595,728	591,420	4,308
2.9.4.6 Detector Turn-on and Checkout													
MS Materials & Services													

CONTRACT PERFORMANCE REPORT FORMAT 1 - WORK BREAKDOWN STRUCTURE													
CONTRACTOR		CONTRACT					PROGRAM			REPORT PERIOD			
NAME Fermi National Accelerator Laboratory		NAME					NAME NOVA Project			FROM 01-Dec-2010 TO 31-Dec-2010			
PERFORMANCE DATA													
Chargeable Task Code BE.Expense cat Results... ITEM (1)	CURRENT PERIOD					CUMULATIVE TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST WORK (4)	VARIANCE		BUDGETED COST		ACTUAL COST WORK (9)	VARIANCE		BUDGETED (14)	ESTIMATED (15)	VARIANCE (16)
	WORK SCHEDULED (2)	WORK PERFORMED (3)		SCHEDULE (5)	COST (6)	WORK SCHEDULED (7)	WORK PERFORMED (8)		SCHEDULE (10)	COST (11)			
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	2,522	2,522	0
PC Personnel Costs													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	1,120	1,120	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	3,642	3,642	0
2.9.4.7 Assembly Crew Management - Minnesota													
MS Materials & Services													
Fully burdened AY\$	0	0	0	0	0	0	0	0	0	0	627,224	627,224	0
Chargeable Task CodeTot	0	0	0	0	0	0	0	0	0	0	627,224	627,224	0
2.9.5 Management - Far Detector Assembly - Construction													
MS Materials & Services													
Fully burdened AY\$	12,213	12,213	13,366	0	(1,152)	295,750	295,750	229,983	0	65,767	1,220,113	1,154,495	65,619
PC Personnel Costs													
Fully burdened AY\$	12,974	12,974	0	0	12,974	192,748	192,748	0	0	192,748	756,784	564,194	192,590
Chargeable Task CodeTot	25,188	25,188	13,366	0	11,822	488,498	488,498	229,983	0	258,515	1,976,898	1,718,688	258,209
Undist. Budget											0	0	0
Sub Total	4,167,482	2,792,975	3,229,303	(1,374,507)	(436,328)	98,830,468	94,509,374	97,971,326	(4,321,094)	(3,461,953)	230,549,275	234,048,194	(3,498,918)
Management Resrv.											47,450,725		
Total	4,167,482	2,792,975	3,229,303	(1,374,507)	(436,328)	98,830,468	94,509,374	97,971,326	(4,321,094)	(3,461,953)	278,000,000		