

WBS	WBS Name	Institution	Resource Category	Sum of Hours	Sum of FTE (1760 hrs)	
1.01.	Project Management	BNL	Engineer	3,080	1.8	
			Scientist	6,220	3.5	
		<i>BNL Total</i>			<i>9,300</i>	<i>5.3</i>
		Cornell	CU - Engineer	2,156	1.2	
			CU - Scientist	1,600	0.9	
			CU - Senior Scientist	7,084	4.0	
		<i>Cornell Total</i>			<i>10,840</i>	<i>6.2</i>
Project Management Total				20,140	11.4	
1.02.	Accelerator Physics	BNL	Scientist	6,160	3.5	
			<i>BNL Total</i>			<i>6,160</i>
		Cornell	CU - GradStudent	12,320	7.0	
			CU - Scientist	7,680	4.4	
			CU - Senior Scientist	1,540	0.9	
		<i>Cornell Total</i>			<i>21,540</i>	<i>12.2</i>
		Accelerator Physics Total				27,700
1.03.	DC Gun/Injector	Cornell	CU - Engineer	184	0.1	
			CU - IT (Controls)	544	0.3	
			CU - Machinist	40	0.0	
			CU - Scientist	1,960	1.1	
			CU - Senior Scientist	300	0.2	
			CU - Technician	1,000	0.6	
			<i>Cornell Total</i>			<i>4,028</i>
DC Gun/Injector Total				4,028	2.3	
1.04.	RF Systems & Cryogenics	Cornell	CU - Electronics Technician	1,035	0.6	
			CU - Engineer	7,643	4.3	
			CU - Machinist	180	0.1	
			CU - Scientist	1,616	0.9	
			CU - Senior Scientist	80	0.0	
			CU - Technician	1,707	1.0	
			<i>Cornell Total</i>			<i>12,261</i>
RF Systems & Cryogenics Total				12,261	7.0	
1.05.	FFAG Magnets & Girders	BNL	Building Trades-Riggers	28	0.0	
			Engineer	1,300	0.7	
			Scientist	748	0.4	
			Technician	3,888	2.2	
			<i>BNL Total</i>			<i>5,964</i>
FFAG Magnets & Girders Total				5,964	3.4	
1.06.	Splitter	Cornell	CU - Designer	730	0.4	
			CU - Electronics Technician	490	0.3	
			CU - Engineer	2,216	1.3	
			CU - IT (Controls)	160	0.1	
			CU - Machinist	1,420	0.8	
			CU - Scientist	850	0.5	
			CU - Technician	1,452	0.8	
<i>Cornell Total</i>			<i>7,318</i>	<i>4.2</i>		
Splitter Total				7,318	4.2	
1.07.	Power Supplies	Cornell	CU - Designer	80	0.0	
			CU - Electronics Technician	1,680	1.0	
			CU - Engineer	1,204	0.7	

1.07.	Power Supplies	Cornell	CU - IT (Controls)	744	0.4
			CU - Scientist	64	0.0
			CU - Technician	46	0.0
			<i>Cornell Total</i>	3,818	2.2
Power Supplies Total				3,818	2.2
1.08.	Controls	BNL	Engineer	280	0.2
			<i>BNL Total</i>	280	0.2
		Cornell	CU - Engineer	340	0.2
			CU - IT (Controls)	1,403	0.8
			CU - Scientist	1,823	1.0
			CU - Technician	632	0.4
<i>Cornell Total</i>	4,198	2.4			
Controls Total				4,478	2.5
1.09.	Instrumentation	BNL	Engineer	2,970	1.7
			<i>BNL Total</i>	2,970	1.7
		Cornell	CU - Electronics Technician	360	0.2
			CU - Engineer	80	0.0
			CU - IT (Controls)	2,009	1.1
			CU - Scientist	374	0.2
			CU - Senior Scientist	40	0.0
			CU - Technician	220	0.1
		<i>Cornell Total</i>	3,083	1.8	
		Instrumentation Total			
1.10.	Vacuum System - BeamStop	Cornell	CU - Engineer	560	0.3
			CU - Machinist	3,230	1.8
			CU - Senior Scientist	280	0.2
			CU - Technician	1,936	1.1
			<i>Cornell Total</i>	6,006	3.4
Vacuum System - BeamStop Total				6,006	3.4
1.11.	System Integration	Cornell	CU - Designer	360	0.2
			CU - Electronics Technician	1,034	0.6
			CU - Engineer	3,711	2.1
			CU - Scientist	380	0.2
			CU - Senior Scientist	358	0.2
			CU - Technician	11,553	6.6
			<i>Cornell Total</i>	17,396	9.9
System Integration Total				17,396	9.9
1.12.	Beam Commissioning	Cornell	CU - Engineer	600	0.3
			CU - IT (Controls)	1,440	0.8
			CU - Scientist	11,640	6.6
			CU - Technician	1,440	0.8
			<i>Cornell Total</i>	15,120	8.6
Beam Commissioning Total				15,120	8.6
1.13.	Safety	Cornell	CU - Electronics Technician	351	0.2
			CU - Engineer	2,017	1.1
			CU - IT (Controls)	24	0.0
			CU - Senior Scientist	615	0.3
			CU - Technician	560	0.3
			<i>Cornell Total</i>	3,567	2.0
Safety Total				3,567	2.0
Grand Total				133,849	76.1