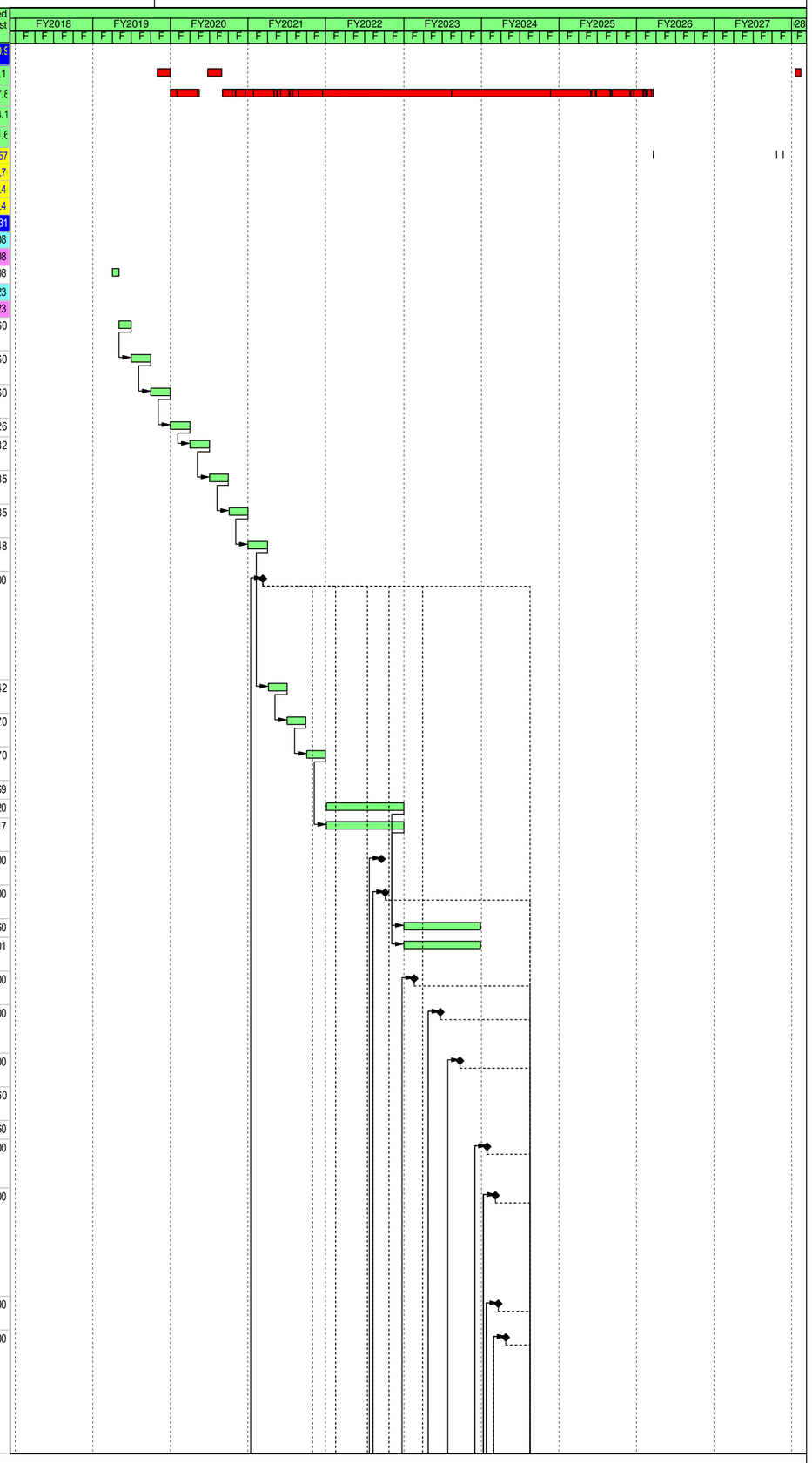
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
121B-forElvin	**PIP-II - BCRP275 Baseline 20200707**	04-Jan-16	12-May-32	4119			0	0	3906659.94	$377,404,210.1	$308,147,460.85	$685,551,670.9
121B-forElvin.01	**PROJECT MANAGEMENT (PrjM)**	04-Jan-16	12-May-32	4119			0	0	380252.54	$66,682,505.33	$11,408,290.78	78,090,796.1
121B-forElvin.02	**SRF and CRYO SYSTEMS (SRFs)**	02-Jan-19	14-Oct-27	2208			1159	0	862447.32	103,375,043.0	$55,097,954.77	158,472,997.8
121B-forElvin.03	**ACCELERATOR SYSTEMS (AccS)**	02-Jan-19	14-Oct-27	2208			1159	0	450044.81	$66,559,586.97	$45,563,717.27	112,123,304.1
121B-forElvin.04	**LINAC INSTALLATION and COMMISSIONING**	02-Jan-19	12-Nov-27	2229			1138	0	583948.81	$91,791,551.95	$33,374,989.68	125,166,541.6
121B-forElvin.04.01	**Inst - Project Management and Coordination (PM)**	01-Feb-19	31-Aug-27	2156			52	0	10974.92	$2,568,786.83	$111,093.74	2,679,880.57
121B-forElvin.04.02	**Inst - Warm Front End (WFE)**	02-Jan-19	30-Apr-24	1339			2028	0	90012.74	$10,167,682.67	$2,286,941.13	12,454,623.7
121B-forElvin.04.03	**Inst - Test Infrastructure (TI)**	02-Jan-19	01-Jun-23	1110			2257	0	70600.71	$8,154,606.31	$4,123,200.08	12,277,806.4
121B-forElvin.04.04	**Inst - Building Infrastructure (Bldgl)**	02-Jan-19	12-Jul-24	1389			1978	0	14713.60	$2,182,692.80	$15,956,214.61	18,138,907.4
121B-forElvin.04.04.01	**Inst - Bldgl - Project Management and Coordination (PM)**	02-Jan-19	12-Jul-24	1389			1978	0	6014.70	$951,413.03	$140,568.28	1,091,981.31
Project Sub-Phase: ActCost Actual Costs		02-Jan-19	31-Jan-19	21			618	0	2415.96	$241,596.00	$22,709.08	$264,305.08
No Components		02-Jan-19	31-Jan-19	21			618	0	2415.96	$241,596.00	$22,709.08	$264,305.08
121.RL.11.04	Pre-CD2 121.RL.11.04 Actual Costs Linac - Bldg Infra	02-Jan-19	31-Jan-19	21	PRJM27119	PRJM27135	618	616	2415.96	$241,596.00	$22,709.08	$264,305.08
No Project Sub-Phase		01-Feb-19	12-Jul-24	1368			1978	0	3598.74	$709,817.03	$117,859.20	$827,676.23
No Components		01-Feb-19	12-Jul-24	1368			1978	0	3598.74	$709,817.03	$117,859.20	$827,676.23
BLDGI-1060	Receive services for Building Infrastructure PM Coordination for Qtr2 FY19 (M&S)	01-Feb-19	29-Mar-19	41	PRJM27120	BLDGI-1070	2173	0	0.00	$0.00	$34,389.60	$34,389.60
BLDGI-1070	Receive services for Building Infrastructure PM Coordination for Qtr3 FY19 (M&S)	01-Apr-19	28-Jun-19	64	BLDGI-1060	BLDGI-1080	2173	0	0.00	$0.00	$34,389.60	$34,389.60
BLDGI-1080	Receive services for Building Infrastructure PM Coordination for Qtr4 FY19 (M&S)	01-Jul-19	30-Sep-19	64	BLDGI-1070	BLDGI-1040	2173	0	0.00	$0.00	$35,285.60	$35,285.60
BLDGI-1040	Building Infrastructure PM Coordination for FY20 Qtr1 (L)	01-Oct-19	30-Dec-19	61	BLDGI-1080	BLDGI-27952	2173	0	150.30	$29,556.26	$0.00	$29,556.26
BLDGI-27952	Receive services for Building Infrastructure PM Coordination for FY20 Qtr2 (L)	02-Jan-20	31-Mar-20	63	BLDGI-1040	BLDGI-27972	2173	0	155.23	$30,525.32	$0.00	$30,525.32
BLDGI-27972	Receive services for Building Infrastructure PM Coordination for FY20 Qtr3 (L)	01-Apr-20	30-Jun-20	64	BLDGI-27952	BLDGI-27992	2173	0	157.70	$31,009.85	$0.00	$31,009.85
BLDGI-27992	Receive services for Building Infrastructure PM Coordination for FY20 Qtr4 (L)	01-Jul-20	30-Sep-20	64	BLDGI-27972	BLDGI-1010	2173	0	157.70	$31,009.85	$0.00	$31,009.85
BLDGI-1010	Receive services for Building Infrastructure PM Coordination for FY21 Qtr1 (L)	01-Oct-20	30-Dec-20	61	BLDGI-27992	BLDGI-27962	2173	0	150.30	$31,655.48	$0.00	$31,655.48
BLDGI-23162	HO MS - Release Populated Cable Database to PIP-II Project	08-Dec-20		0	BLDGI-23762	BLDGI-28262, TOI-22140, BLDGI-25622, BLDGI-26062, BLDGI-25922, BLDGI-25822, BLDGI-22022	295	60	0.00	$0.00	$0.00	$0.00
BLDGI-27962	Receive services for Building Infrastructure PM Coordination for FY21 Qtr2 (L)	04-Jan-21	31-Mar-21	62	BLDGI-1010	BLDGI-27982	2173	0	152.77	$32,174.42	$0.00	$32,174.42
BLDGI-27982	Receive services for Building Infrastructure PM Coordination for FY21 Qtr3 (L)	01-Apr-21	30-Jun-21	64	BLDGI-27962	BLDGI-28002	2173	0	157.70	$31,061.70	$0.00	$31,061.70
BLDGI-28002	Receive services for Building Infrastructure PM Coordination for FY21 Qtr4 (L)	01-Jul-21	30-Sep-21	64	BLDGI-27982	BLDGI-1020	2173	0	157.70	$31,061.70	$0.00	$31,061.70
BLDGI-28432	Oversight during procurement phase (L)	24-Sep-21	22-Dec-22	313	BLDGI-27942	BLDGI-24302	168	0	700.00	$114,283.69	$0.00	$114,283.69
BLDGI-11530	Travel for Building Infrastructure PM FY22 (M&S)	01-Oct-21	30-Sep-22	251	FY22Q1	BLDGI-11540	2173	0	0.00	$0.00	$4,507.20	$4,507.20
BLDGI-1020	Receive services for Building Infrastructure PM Coordination for FY22 (L)	01-Oct-21	30-Sep-22	251	BLDGI-28002	BLDGI-1030	2173	0	618.46	$125,840.17	$0.00	$125,840.17
BLDGI-28412	HO MS - Cables and connectors Ready for HBB Installation	17-Jun-22		0	BLDGI-24032	LI-17160	642	312	0.00	$0.00	$0.00	$0.00
BLDGI-28052	HO MS - Electrical Materials Ready for HBB Installation	08-Jul-22		0	BLDGI-25172, BLDGI-24452	BLDGI-28262, LI-17210	304	258	0.00	$0.00	$0.00	$0.00
BLDGI-11540	Travel for Building Infrastructure PM FY23 (M&S)	03-Oct-22	29-Sep-23	250	BLDGI-11530	BLDGI-28422	2173	2173	0.00	$0.00	$4,597.60	$4,597.60
BLDGI-1030	Receive services for Building Infrastructure PM Coordination for FY23 (L)	03-Oct-22	29-Sep-23	250	BLDGI-1020	BLDGI-1000	2173	2173	616.00	$129,475.01	$0.00	$129,475.01
BLDGI-28042	HO MS - Mechanical Materials Ready for HBB Installation	18-Nov-22		0	BLDGI-20250	BLDGI-28262, LI-17220	454	164	0.00	$0.00	$0.00	$0.00
BLDGI-28082	HO MS - Electrical Materials Ready for TG1 Installation	21-Mar-23		0	BLDGI-25182, BLDGI-24462, BLDGI-25882	BLDGI-28262, LI-16590	406	331	0.00	$0.00	$0.00	$0.00
BLDGI-28072	HO MS - Mechanical Materials Ready for Tunnel Installation	22-Jun-23		0	BLDGI-23982	BLDGI-28262, LI-16520	444	107	0.00	$0.00	$0.00	$0.00
BLDGI-1000	Receive services for Building Infrastructure PM Coordination for FY24 (L)	02-Oct-23	10-Jun-24	173	BLDGI-1030	BLDGI-28252	840	0	424.89	$92,163.60	$0.00	$92,163.60
BLDGI-28422	Travel for Building Infrastructure PM FY24 (M&S)	02-Oct-23	10-Jun-24	173	BLDGI-11540	BLDGI-28252	840	0	0.00	$0.00	$4,689.60	$4,689.60
BLDGI-28092	HO MS - Electrical Materials Ready for TG2 Installation	30-Oct-23		0	BLDGI-25982, BLDGI-25192, BLDGI-24472	BLDGI-28262, LI-16530, LI-16620	270	175	0.00	$0.00	$0.00	$0.00
BLDGI-23632	HO MS - Utility Plant - Building Infrastructure Installation Complete	06-Dec-23		0	BLDGI-23682, BLDGI-23672, BLDGI-20872, BLDGI-20332, BLDGI-20292, BLDGI-20882, BLDGI-27922	BLDGI-28262, LI-17130	373	150	0.00	$0.00	$0.00	$0.00
BLDGI-28062	HO MS - Mechanical Materials Ready for Gallery Installation	19-Dec-23		0	BLDGI-21602	BLDGI-28262, LI-16590	216	141	0.00	$0.00	$0.00	$0.00
BLDGI-28112	HO MS - Electrical Materials Ready for BTL Installation	23-Jan-24		0	BLDGI-25202, BLDGI-24482, BLDGI-20502, BLDGI-25682	BLDGI-28262, BTLINST12610, SS15150, SS15730, SS15840, SS15270, SS15770, SS15860	350	121	0.00	$0.00	$0.00	$0.00



Remaining Work ◆ ◆ Milestone

Critical Remaining Work

TASK filter: All Activities

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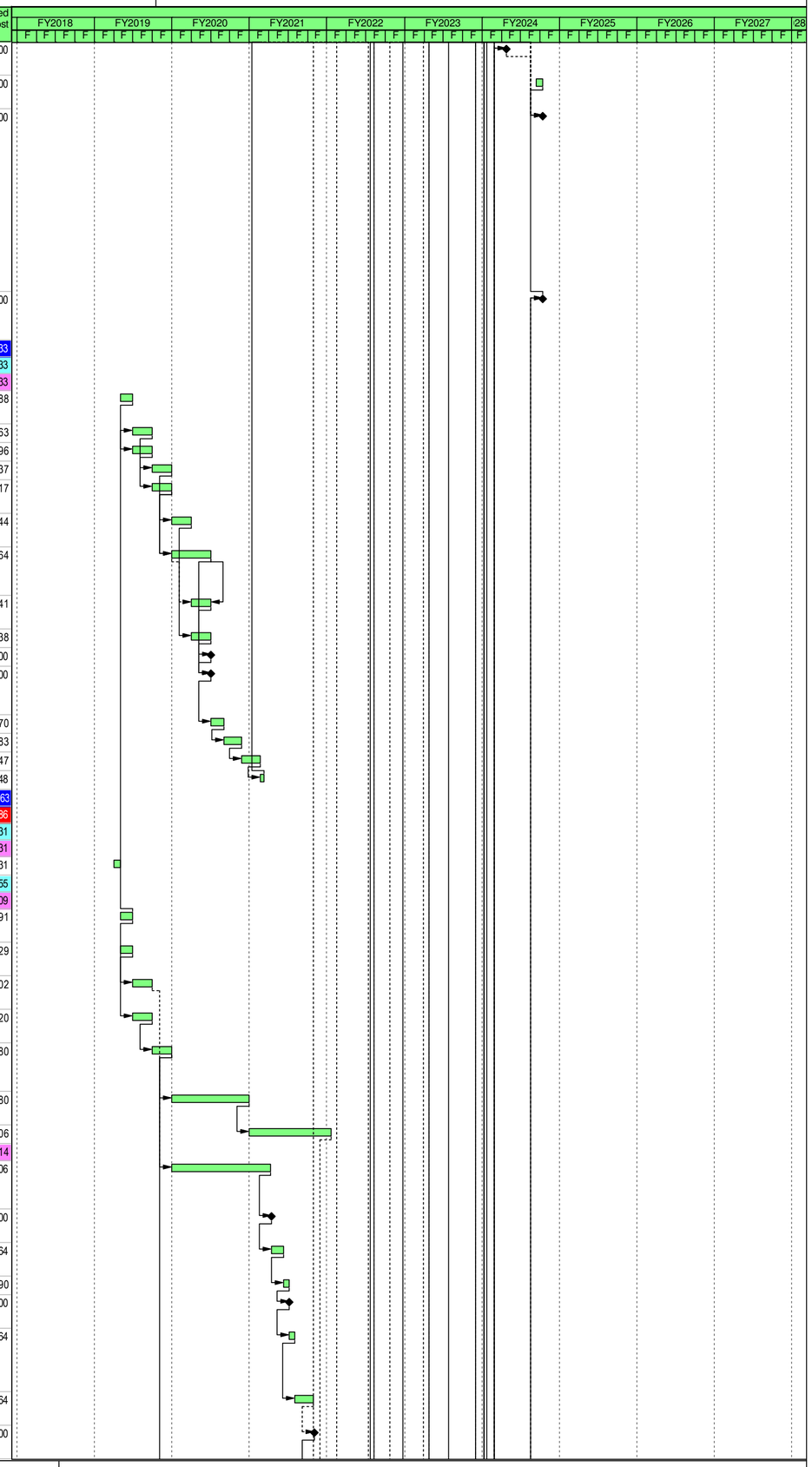
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
BLDGI-23642	HO MS - Mechanical Materials Ready for BTL Installation	23-Jan-24		0	BLDGI-27782, BLDGI-20502	BLDGI-28262, BTLINST12610	633	121	0.00	$0.00	$0.00	$0.00
BLDGI-28252	Building Infrastructure - SVT: Duration to provide one month of staff attenuation prior to end of L3 (L)	11-Jun-24	11-Jul-24	22	BLDGI-1000, BLDGI-28422	BLDGI-28262	840	0	0.00	$0.00	$0.00	$0.00
BLDGI-28262	T5 MS - End of BLDGI L3	12-Jul-24		0	BLDGI-28252, BLDGI-28112, BLDGI-28102, BLDGI-28092, BLDGI-28082, BLDGI-28072, BLDGI-28062, BLDGI-28052, BLDGI-28042, BLDGI-23632, BLDGI-23642, BLDGI-23162	PRJM13290	840	840	0.00	$0.00	$0.00	$0.00
BLDGI-28102	HO MS - Electrical Materials Ready for TG3 Installation	12-Jul-24		0	BLDGI-24502, BLDGI-25222, BLDGI-26122	BLDGI-28262, LI-16530, LI-16620	95	0	0.00	$0.00	$0.00	$0.00
121B-forElvin.04.04.02	**Inst - Bldgl - Cable Database and Layout for PIP-II (CableDB)**	01-Feb-19	07-Dec-20	467			295	0	2267.18	$316,650.33	$0.00	$316,650.33
No Project Sub-Phase		01-Feb-19	07-Dec-20	467			295	0	2267.18	$316,650.33	$0.00	$316,650.33
No Components		01-Feb-19	07-Dec-20	467			295	0	2267.18	$316,650.33	$0.00	$316,650.33
BLDGI-21522	Review Room Data Sheet Information and Add Component Envelopes to NX Model (L)	01-Feb-19	29-Mar-19	41	PRJM27120	BLDGI-21532	295	0	132.18	$13,938.88	$0.00	$13,938.88
BLDGI-21502	Prepare Conceptual Design of Cable Database (L)	01-Apr-19	28-Jun-19	64	BLDGI-20050	BLDGI-21552	295	0	100.00	$15,114.63	$0.00	$15,114.63
BLDGI-21532	Add Building Infrastructure Components to NX Model (L)	01-Apr-19	28-Jun-19	64	BLDGI-21522	BLDGI-21542	295	0	250.00	$25,590.96	$0.00	$25,590.96
BLDGI-21542	Add Room Data Sheet Information to NX Model (L)	01-Jul-19	30-Sep-19	64	BLDGI-21532	BLDGI-23902	295	0	300.00	$30,099.37	$0.00	$30,099.37
BLDGI-21552	Prepare Preliminary Design of Cable Database (L)	01-Jul-19	30-Sep-19	64	BLDGI-21502	BLDGI-21562, BLDGI-23902	295	0	90.00	$13,603.17	$0.00	$13,603.17
BLDGI-21562	Prepare Final Design of Cable Database (before testing and releasing for input) (L)	01-Oct-19	30-Dec-19	61	BLDGI-21552	BLDGI-21472	295	0	175.00	$27,461.44	$0.00	$27,461.44
BLDGI-23902	Develop PIP-II Cable Database and Perform Tests (L)	01-Oct-19	31-Mar-20	124	BLDGI-21552, BLDGI-21542	BLDGI-24002, BLDGI-24002, BLDGI-23137	295	0	495.00	$77,676.64	$0.00	$77,676.64
BLDGI-24002	Submit Layout to Remaining L3s for Review and Comments (L)	02-Jan-20*	31-Mar-20	63	BLDGI-23902, BLDGI-23902	BLDGI-23137	295	0	85.00	$13,338.41	$0.00	$13,338.41
BLDGI-21472	Test Cable Database (L)	02-Jan-20	31-Mar-20	63	BLDGI-21562	BLDGI-24012	295	0	150.00	$23,538.38	$0.00	$23,538.38
BLDGI-24012	T6 MS - Cable Database Testing Complete	01-Apr-20		0	BLDGI-21472	BLDGI-23137	295	0	0.00	$0.00	$0.00	$0.00
BLDGI-23137	T5 MS - Cable Database Build and Customization Complete	01-Apr-20		0	BLDGI-24002, BLDGI-24012, BLDGI-23902	BLDGI-23742	295	0	0.00	$0.00	$0.00	$0.00
BLDGI-23742	Set up cable database environment (L)	01-Apr-20	02-Jun-20	44	BLDGI-23137	BLDGI-23752	295	0	120.00	$18,830.70	$0.00	$18,830.70
BLDGI-23752	Beta test cable database (L)	03-Jun-20	26-Aug-20	60	BLDGI-23742	BLDGI-24022	295	0	170.00	$26,676.83	$0.00	$26,676.83
BLDGI-24022	Collect feedback from L3s (L)	27-Aug-20	19-Nov-20	60	BLDGI-23752	BLDGI-23762	295	0	170.00	$26,065.47	$0.00	$26,065.47
BLDGI-23762	Release final version of cable database to PIP-II (L)	20-Nov-20	07-Dec-20	10	BLDGI-24022	BLDGI-23162	295	0	30.00	$4,715.48	$0.00	$4,715.48
121B-forElvin.04.04.03	**Inst - Bldgl - Mechanical Systems for PIP-II (Mech)**	02-Jan-19	22-Jan-24	1268			633	0	2902.80	$361,890.03	$3,411,413.60	$3,773,303.63
121B-forElvin.04.04.03.01	**Inst - Bldgl - Mech - Design**	02-Jan-19	11-Nov-21	723			216	0	2115.80	$243,762.39	$184,618.47	$428,380.86
Project Sub-Phase: ActCost Actual Costs		02-Jan-19	31-Jan-19	21			618	0	1117.86	$111,786.00	$17,961.31	$129,747.31
Components: GenMechSys Mechanical System - General		02-Jan-19	31-Jan-19	21			618	0	1117.86	$111,786.00	$17,961.31	$129,747.31
121.RL.11.01	Pre-CD2 121.RL.11.01 Actual Costs LCW Systems	02-Jan-19	31-Jan-19	21	PRJM27119	PRJM27135	618	616	1117.86	$111,786.00	$17,961.31	$129,747.31
No Project Sub-Phase		01-Feb-19	11-Nov-21	702			216	0	997.94	$131,976.39	$166,657.16	$298,633.55
Components: GenMechSys Mechanical System - General		01-Feb-19	21-Oct-21	687			231	0	215.94	$32,637.93	$166,657.16	$199,295.09
BLDGI-20050	Develop Preliminary Design for Building Infrastructure Mechanical - Qtr2 FY19 (L)	01-Feb-19	29-Mar-19	41	PRJM27120	BLDGI-21432, BLDGI-21502	294	0	85.94	$12,988.91	$0.00	$12,988.91
BLDGI-23922	Receive Services for Building Infrastructure Mechanical Design - Qtr2 FY19 (M&S)	01-Feb-19	29-Mar-19	41	PRJM27120	BLDGI-23932	230	0	0.00	$0.00	$11,067.29	$11,067.29
BLDGI-21432	Develop Preliminary Design for Building Infrastructure Mechanical - Qtr3 FY19 (L)	01-Apr-19	28-Jun-19	64	BLDGI-20050	BLDGI-21442	294	64	130.00	$19,649.02	$0.00	$19,649.02
BLDGI-23932	Receive Services for Building Infrastructure Mechanical Design - Qtr3 FY19 (M&S)	01-Apr-19	28-Jun-19	64	BLDGI-23922	BLDGI-23942	230	0	0.00	$0.00	$16,710.20	$16,710.20
BLDGI-23942	Receive Services for Building Infrastructure Mechanical Design - Qtr4 FY19 (M&S)	01-Jul-19	30-Sep-19	64	BLDGI-23932	BLDGI-21442, BLDGI-28122, BLDGI-23952	230	0	0.00	$0.00	$28,278.80	$28,278.80
BLDGI-23952	Receive Services for LCW Mechanical Design - FY20 (M&S)	01-Oct-19	30-Sep-20	252	BLDGI-23942	BLDGI-23962	231	0	0.00	$0.00	$70,786.80	$70,786.80
BLDGI-23962	Receive Services for LCW Mechanical Design (M&S)	01-Oct-20	21-Oct-21	266	BLDGI-23952	BLDGI-27932	231	2	0.00	$0.00	$39,814.06	$39,814.06
Components: UtilPlLCW Utility Plant LCW System		01-Oct-19	25-Oct-21	520			229	0	191.00	$32,006.14	$0.00	$32,006.14
BLDGI-21442	Develop Preliminary Design for Utility Plant LCW System (L)	01-Oct-19	08-Jan-21	318	BLDGI-23942, BCR1150, BLDGI-21432	CFUB21890, BLDGI-20060	230	0	13.00	$2,070.06	$0.00	$2,070.06
BLDGI-20060	T6 MS - Preliminary Design Review for Utility Plant LCW System (PDR)	11-Jan-21		0	BLDGI-21442	BLDGI-20070	230	0	0.00	$0.00	$0.00	$0.00
BLDGI-20070	Respond to recommendations from Utility Plant LCW System Design PDR (L)	11-Jan-21	08-Mar-21	40	BLDGI-20060	TOI-22140, BLDGI-20100	230	0	25.00	$4,201.64	$0.00	$4,201.64
BLDGI-20100	Develop Final Design for Utility Plant LCW System (L)	09-Mar-21	05-Apr-21	20	BLDGI-20070	BLDGI-20110	230	0	90.00	$15,125.90	$0.00	$15,125.90
BLDGI-20110	T6 MS - Final Design Review for Utility Plant LCW System (FDR)	06-Apr-21		0	BLDGI-20100	BLDGI-20120	230	0	0.00	$0.00	$0.00	$0.00
BLDGI-20120	Respond to Recommendations from Utility Plant LCW System Design FDR (L)	06-Apr-21	03-May-21	20	BLDGI-20110	CFUB21920, CNTRL753130, CNTRL754830, BLDGI-20130	230	0	25.00	$4,201.64	$0.00	$4,201.64
BLDGI-20130	Prepare for PRR for Utility Plant LCW System Design (L)	04-May-21	29-Jul-21	61	BLDGI-20120	BLDGI-20140	230	1	25.00	$4,201.64	$0.00	$4,201.64
BLDGI-20140	T6 MS - Start PRR for Utility Plant LCW System Design	02-Aug-21		0	CFUB22040, BLDGI-20130	BLDGI-20150	229	0	0.00	$0.00	$0.00	$0.00



Remaining Work ◆ Milestone

Critical Remaining Work

TASK filter: All Activities

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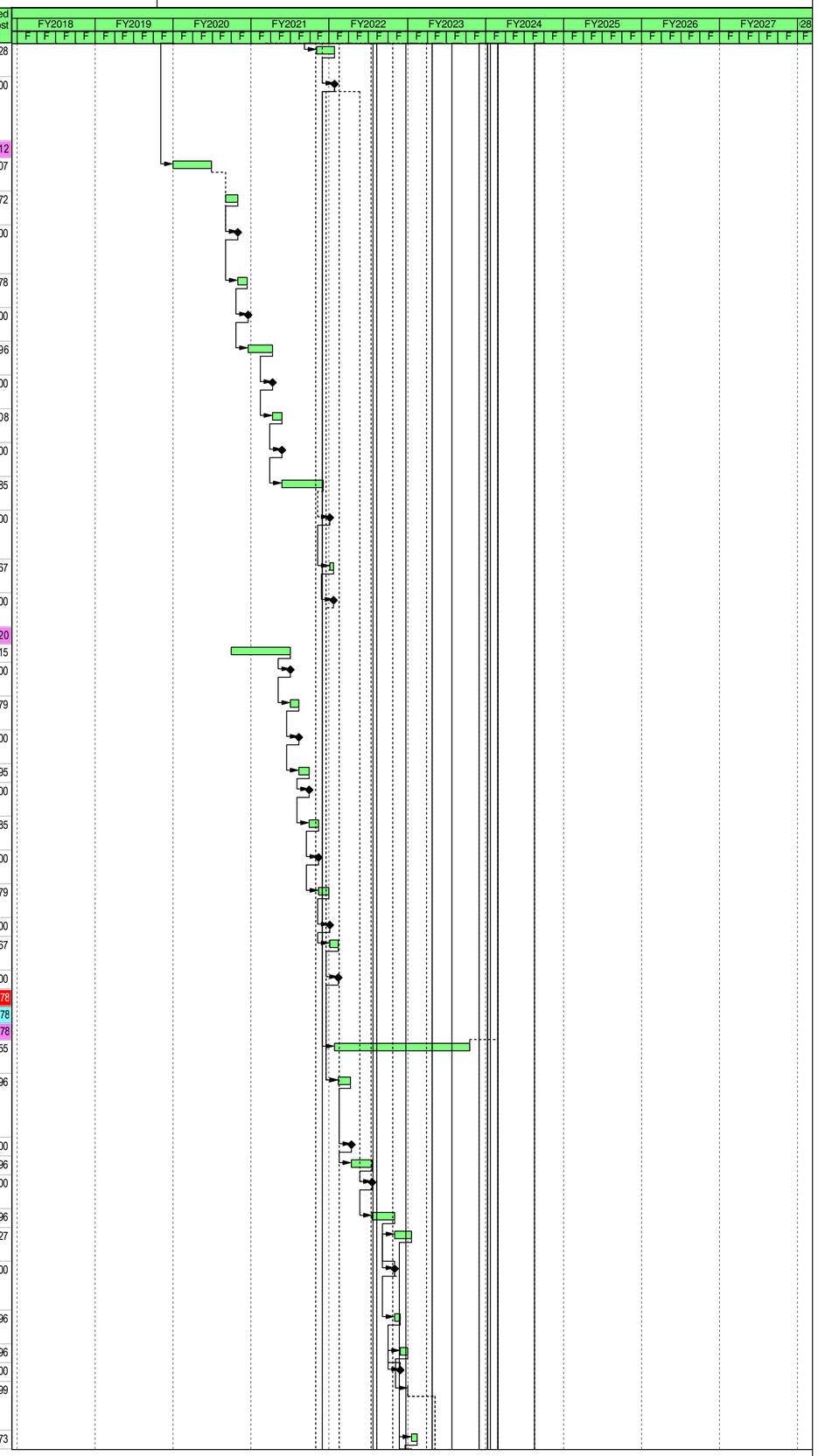
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
BLDGI-20150	Respond to Recommendations from Utility Plant LCW System Design PRR (L)	02-Aug-21	25-Oct-21	60	BLDGI-20140	BLDGI-27932	229	0	13.00	$2,205.28	$0.00	$2,205.28
BLDGI-27932	T6 MS - Close Utility Plant LCW System Design PRR		25-Oct-21	0	BLDGI-23962, CFUB22040, BLDGI-20150	BLDGI-27832, BLDGI-27782, BLDGI-20160, BLDGI-20190	229	0	0.00	$0.00	$0.00	$0.00
Components: LCmplxLCW Linac Complex LCW System		01-Oct-19	21-Oct-21	518			231	0	497.00	$51,524.12	$0.00	$51,524.12
BLDGI-28122	Develop Preliminary Design for Linac Complex LCW System (L)	01-Oct-19	30-Mar-20	123	BCR1150, BLDGI-23942	BLDGI-28132	338	86	12.00	$1,883.07	$0.00	$1,883.07
BLDGI-28402	Incorporate CF Design changes in advance of LCW System Design PDR (L)	01-Jun-20	30-Jul-20	43	BCR1360	BLDGI-28132	252	0	102.00	$9,651.72	$0.00	$9,651.72
BLDGI-28132	T6 MS - Start Preliminary Design Review for Linac Complex LCW System (PDR)	31-Jul-20		0	CFLC31870, BLDGI-28122, BLDGI-28402	BLDGI-28142	252	0	0.00	$0.00	$0.00	$0.00
BLDGI-28142	Respond to recommendations from Linac Complex LCW System Design PDR (L)	31-Jul-20	11-Sep-20	30	BLDGI-28132	BLDGI-28222, TOI-22141	252	0	52.00	$4,982.78	$0.00	$4,982.78
BLDGI-28222	T6 MS - Close Preliminary Design Review for Linac Complex LCW System (PDR)	14-Sep-20		0	BLDGI-28142	BLDGI-28152	252	0	0.00	$0.00	$0.00	$0.00
BLDGI-28152	Develop Final Design for Linac Complex LCW System (L)	14-Sep-20	07-Jan-21	78	BLDGI-28222	BLDGI-28162	252	0	210.00	$21,442.96	$0.00	$21,442.96
BLDGI-28162	T6 MS - Start Final Design Review for Linac Complex LCW System (FDR)	08-Jan-21		0	CFLC31880, BLDGI-28152	BLDGI-28172	252	0	0.00	$0.00	$0.00	$0.00
BLDGI-28172	Respond to Recommendations from Linac Complex LCW System Design FDR (L)	08-Jan-21	19-Feb-21	30	BLDGI-28162	BLDGI-28232	252	0	102.00	$10,337.08	$0.00	$10,337.08
BLDGI-28232	T6 MS - Close Final Design Review for Linac Complex LCW System (FDR)	22-Feb-21		0	BLDGI-28172	BLDGI-28182	252	0	0.00	$0.00	$0.00	$0.00
BLDGI-28182	Prepare for PRR for Linac Complex LCW System Design (L)	22-Feb-21	31-Aug-21	135	BLDGI-28232	BLDGI-28192	252	21	13.00	$2,184.85	$0.00	$2,184.85
BLDGI-28192	T6 MS - Start PRR for Linac Complex LCW System Design	01-Oct-21		0	FY22Q1, TOI-22141, BLDGI-28182	BLDGI-28202	231	0	0.00	$0.00	$0.00	$0.00
BLDGI-28202	Respond to Recommendations from Linac Complex LCW System Design PRR (L)	01-Oct-21	21-Oct-21	15	BLDGI-28192	BLDGI-28212	231	0	6.00	$1,041.67	$0.00	$1,041.67
BLDGI-28212	T6 MS - Close Linac Complex LCW System Design PRR		21-Oct-21	0	BLDGI-28202	BLDGI-20160	231	15	0.00	$0.00	$0.00	$0.00
Components: NitroSys Nitrogen System		30-Jun-20	11-Nov-21	346			216	0	94.00	$15,808.20	$0.00	$15,808.20
BLDGI-28292	Develop Preliminary Design for Nitrogen System (L)	30-Jun-20	30-Mar-21	187	CFLC31870	BLDGI-28382	216	0	6.00	$985.15	$0.00	$985.15
BLDGI-28382	T6 MS - Start Preliminary Design Review for Nitrogen System (PDR)	31-Mar-21		0	BLDGI-28292	BLDGI-28322	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-28322	Respond to recommendations from Nitrogen System Design PDR (L)	31-Mar-21	11-May-21	30	BLDGI-28382	BLDGI-28362	216	0	12.00	$2,016.79	$0.00	$2,016.79
BLDGI-28362	T6 MS - Close Preliminary Design Review for Nitrogen System (PDR)	12-May-21		0	BLDGI-28322	BLDGI-28282	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-28282	Develop Final Design for Nitrogen System (L)	12-May-21	29-Jun-21	34	BLDGI-28362	BLDGI-28372	216	0	45.00	$7,562.95	$0.00	$7,562.95
BLDGI-28372	T6 MS - Start Final Design Review for Nitrogen System (FDR)	30-Jun-21		0	BLDGI-28282	BLDGI-28312	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-28312	Respond to Recommendations from Nitrogen System Design FDR (L)	30-Jun-21	11-Aug-21	30	BLDGI-28372	BLDGI-28342	216	0	13.00	$2,184.85	$0.00	$2,184.85
BLDGI-28342	T6 MS - Close Final Design Review for Nitrogen System (FDR)	12-Aug-21		0	BLDGI-28312	BLDGI-28302	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-28302	Prepare for PRR for Linac Complex Nitrogen System Design (L)	12-Aug-21	30-Sep-21	35	BLDGI-28342	BLDGI-28392	216	0	12.00	$2,016.79	$0.00	$2,016.79
BLDGI-28392	T6 MS - Start PRR for Nitrogen System Design	01-Oct-21		0	BLDGI-28302	BLDGI-28332	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-28332	Respond to Recommendations from Nitrogen System Design PRR (L)	01-Oct-21	11-Nov-21	30	BLDGI-28392	BLDGI-28352	216	0	6.00	$1,041.67	$0.00	$1,041.67
BLDGI-28352	T6 MS - Close Nitrogen System Design PRR		11-Nov-21	0	BLDGI-28332	BLDGI-20160	216	0	0.00	$0.00	$0.00	$0.00
121B-forElvin.04.04.03.02 Inst - Bldgl - Mech - Procurements		26-Oct-21	22-Jan-24	558			633	0	152.00	$25,387.58	$2,503,182.20	$2,528,569.78
No Project Sub-Phase		26-Oct-21	22-Jan-24	558			633	0	152.00	$25,387.58	$2,503,182.20	$2,528,569.78
No Components		26-Oct-21	22-Jan-24	558			633	0	152.00	$25,387.58	$2,503,182.20	$2,528,569.78
BLDGI-27782	Receive Services for LCW System - Engineering Oversight of Procurements (M&S)	26-Oct-21	17-Jul-23	431	BLDGI-27932	BLDGI-23642	760	127	0.00	$0.00	$7,152.55	$7,152.55
BLDGI-20160	Prepare RQN for LCW System (L)	12-Nov-21	07-Jan-22	35	PRJM27135, BLDGI-28212, BLDGI-27932, BLDGI-28352	BLDGI-20170	216	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-20170	T6 MS - RQN Approved for LCW System	10-Jan-22		0	BLDGI-20160	BLDGI-20180	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-20180	Draft RFP for LCW System (L)	10-Jan-22	18-Apr-22	70	BLDGI-20170	BLDGI-20190	216	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-20190	T6 MS - Issue RFP for LCW System	19-Apr-22		0	BLDGI-27932, BLDGI-20180	BLDGI-20200	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-20200	Receive and Evaluate Proposals for LCW System (L)	19-Apr-22	01-Aug-22	73	BLDGI-20190	BLDGI-20210	216	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-20230	Interaction with Vendor for LCW System - RFQ Skids (L)	02-Aug-22	19-Oct-22	56	BLDGI-20210	BLDGI-20552	216	0	20.00	$3,272.27	$0.00	$3,272.27
BLDGI-20210	T6 MS - PO Issued (Phased PO) for LCW System	02-Aug-22		0	BLDGI-20200	BLDGI-23792, BLDGI-23842, BLDGI-20230	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-23792	Interaction with Vendor for LCW System - Utility Plant (L)	02-Aug-22	29-Aug-22	20	BLDGI-20210	BLDGI-23802	498	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-23812	QC Inspection for LCW System - Utility Plant (L)	30-Aug-22	30-Sep-22	23	BLDGI-23802	BLDGI-23972	498	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-23802	T6 MS - LCW System Delivered for Utility Plant	30-Aug-22		0	BLDGI-23792	BLDGI-23812	498	0	0.00	$0.00	$0.00	$0.00
BLDGI-23972	Accept LCW System - Utility Plant (LCW) (M&S)	03-Oct-22	03-Oct-22	1	BLDGI-23812	BLDGI-27922, BLDGI-20332, BLDGI-20292	498	124	0.00	$0.00	$1,332,511.99	$1,332,511.99
BLDGI-20260	QC Inspection for LCW System - RFQ Skids (L)	20-Oct-22	16-Nov-22	20	BLDGI-20552	BLDGI-20250	454	0	12.00	$2,012.73	$0.00	$2,012.73



Remaining Work ◆ ◆ Milestone

Critical Remaining Work

TASK filter: All Activities

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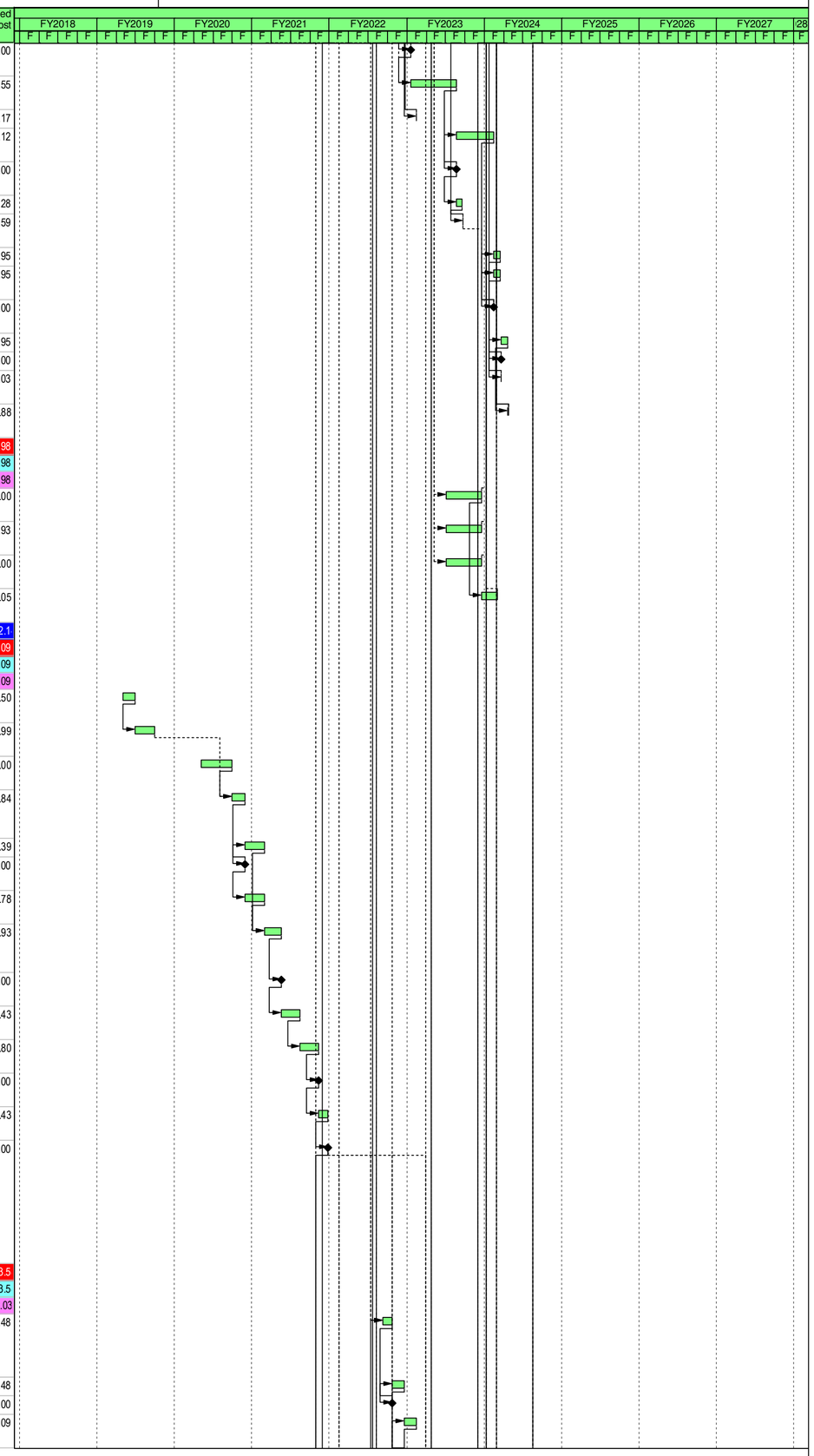
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
BLDGI-20552	T6 MS - RFQ Skids Delivered for LCW System	20-Oct-22		0	BLDGI-20230	BLDGI-20260, BLDGI-23842	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-23842	Interaction with Vendor for LCW System - Linac Tunnel (L)	20-Oct-22	22-May-23	146	BLDGI-20210, BLDGI-20552	BLDGI-23852	216	0	20.00	$3,354.55	$0.00	$3,354.55
BLDGI-20250	Accept LCW System - RFQ Skids (M&S)	17-Nov-22	17-Nov-22	1	BLDGI-20260	BLDGI-28042	454	0	0.00	$0.00	$160,286.17	$160,286.17
BLDGI-21572	Interaction with Vendor for LCW System - Linac Gallery (L)	23-May-23	15-Nov-23	124	BLDGI-23852	BLDGI-21582	216	0	20.00	$3,383.12	$0.00	$3,383.12
BLDGI-23852	T6 MS - LCW System Delivered for Linac Tunnel	23-May-23		0	BLDGI-23842	BLDGI-23872, BLDGI-21572	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-23872	QC Inspection for LCW System - Linac Tunnel (L)	23-May-23	20-Jun-23	20	BLDGI-23852	BLDGI-23982	319	0	10.00	$1,677.28	$0.00	$1,677.28
BLDGI-23982	Accept LCW System - Linac Tunnel (hosings/connections, compressed air and nitrogen) (M&S)	21-Jun-23	21-Jun-23	1	BLDGI-23872	BLDGI-28072, BLDGI-21592	319	0	0.00	$0.00	$302,490.59	$302,490.59
BLDGI-20482	Interaction with Vendor for LCW System - BTL (L)	16-Nov-23	15-Dec-23	20	BLDGI-21582	BLDGI-20572	350	0	10.00	$1,730.95	$0.00	$1,730.95
BLDGI-21592	QC Inspection for LCW System - Linac Gallery (L)	16-Nov-23	15-Dec-23	20	BLDGI-23982, BLDGI-21582	BLDGI-21602	216	0	10.00	$1,730.95	$0.00	$1,730.95
BLDGI-21582	T6 MS - LCW System Delivered for Linac Gallery	16-Nov-23		0	BLDGI-21572	BLDGI-21592, BLDGI-20482	216	0	0.00	$0.00	$0.00	$0.00
BLDGI-20532	QC Inspection for LCW System - BTL (L)	18-Dec-23	19-Jan-24	20	BLDGI-20572	BLDGI-20502	350	0	10.00	$1,730.95	$0.00	$1,730.95
BLDGI-20572	T6 MS - LCW System Delivered for BTL	18-Dec-23		0	BLDGI-20482	BLDGI-20532	350	0	0.00	$0.00	$0.00	$0.00
BLDGI-21602	Accept LCW System - Linac Gallery (hosings/connections) (M&S)	18-Dec-23	18-Dec-23	1	BLDGI-21592	BLDGI-28062	216	0	0.00	$0.00	$625,800.03	$625,800.03
BLDGI-20502	Accept LCW System - BTL (hosings/connections) (M&S)	22-Jan-24	22-Jan-24	1	BLDGI-20532	BLDGI-28112, BLDGI-23642	350	0	0.00	$0.00	$74,940.88	$74,940.88
121B-forElvin.04.04.03.03 Inst - Bldgl - Mech - Installation		05-Apr-23	04-Dec-23	169			374	0	635.00	$92,740.05	$723,612.93	$816,352.98
No Project Sub-Phase		05-Apr-23	04-Dec-23	169			374	0	635.00	$92,740.05	$723,612.93	$816,352.98
No Components		05-Apr-23	04-Dec-23	169			374	0	635.00	$92,740.05	$723,612.93	$816,352.98
BLDGI-20332	Support to Mechanical Installation in Utility Plant (LCW) (L)	05-Apr-23	18-Sep-23	116	CFUB10640, BLDGI-23972	BLDGI-23672, BLDGI-23632	374	0	435.00	$62,967.00	$0.00	$62,967.00
BLDGI-20292	Receive Services for Mechanical Installation in Utility Plant (LCW) (M&S)	05-Apr-23	18-Sep-23	116	CFUB10640, BLDGI-23972	BLDGI-23632	427	54	0.00	$0.00	$706,710.93	$706,710.93
BLDGI-27922	Receive Engineering Services for Mechanical Installation in Utility Plant (LCW) (M&S)	05-Apr-23	18-Sep-23	116	CFUB10640, BLDGI-23972	BLDGI-23632	427	54	0.00	$0.00	$16,902.00	$16,902.00
BLDGI-23672	Support to Mechanical Installation in Utility Building - Qtr4 FY23 (scope may be integrated with CF) (L)	19-Sep-23	04-Dec-23	53	BLDGI-20332	BLDGI-23632	374	1	200.00	$29,773.05	$0.00	$29,773.05
121B-forElvin.04.04.04 Inst - Bldgl - Electrical Systems for PIP-II (Elec)		01-Feb-19	11-Jul-24	1368			229	0	3528.91	$552,739.41	$12,404,232.73	12,956,972.1
121B-forElvin.04.04.04.01 Inst - Bldgl - Elec - Design		01-Feb-19	23-Sep-21	667			95	0	2489.91	$402,159.09	$0.00	$402,159.09
No Project Sub-Phase		01-Feb-19	23-Sep-21	667			95	0	2489.91	$402,159.09	$0.00	$402,159.09
No Components		01-Feb-19	23-Sep-21	667			95	0	2489.91	$402,159.09	$0.00	$402,159.09
BLDGI-20822	Develop Preliminary Design for Building Infrastructure Electrical - Qtr2 FY19 (L)	01-Feb-19	29-Mar-19	41	PRJM27120	BLDGI-21412	346	0	189.91	$28,704.50	$0.00	$28,704.50
BLDGI-21412	Develop Preliminary Design for Building Infrastructure Electrical - Qtr3 FY19 (L)	01-Apr-19	28-Jun-19	64	BLDGI-20822	BLDGI-21422	346	251	287.00	$43,378.99	$0.00	$43,378.99
BLDGI-28242	Develop electrical design of the Linac Complex and machine components (L)	03-Feb-20	29-Jun-20	105	BCR1310	BLDGI-21422	95	0	400.00	$62,769.00	$0.00	$62,769.00
BLDGI-21422	Develop Preliminary Design for Electrical after CF Linac Complex PDR (L)	30-Jun-20	27-Aug-20	42	BLDGI-28242, CFLC31870, BLDGI-21412	BLDGI-20592	95	0	144.00	$22,596.84	$0.00	$22,596.84
BLDGI-20600	Develop final electrical design of the Linac Complex (L)	28-Aug-20	30-Nov-20	64	BLDGI-20592	BLDGI-20842	95	0	400.00	$65,624.39	$0.00	$65,624.39
BLDGI-20592	T6 MS - Preliminary Design Review Building Infrastructure Elec (cable & racks) (PDR)	28-Aug-20		0	BLDGI-21422	BLDGI-20600, BLDGI-20632	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-20632	Respond to recommendations from Building Infrastructure Elec (cable & racks) PDR (L)	28-Aug-20	30-Nov-20	64	BLDGI-20592	BLDGI-20842	95	0	144.00	$23,624.78	$0.00	$23,624.78
BLDGI-20842	Develop Final Design for Building Infrastructure Elec (cable & racks) after CF Linac Complex FDR (L)	01-Dec-20	15-Feb-21	50	BLDGI-20600, CFLC11730, BLDGI-20632	BLDGI-20642	95	0	350.00	$58,822.93	$0.00	$58,822.93
BLDGI-20642	T6 MS - Final Design Review for Building Infrastructure Elec (cable & racks) (FDR)	16-Feb-21		0	BLDGI-20842, CFLC11730	BLDGI-20672	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-20672	Respond to Recommendations from Building Infrastructure Elec FDR (cable & racks) (L)	16-Feb-21	14-May-21	64	BLDGI-20642	BLDGI-20622	95	0	144.00	$24,201.43	$0.00	$24,201.43
BLDGI-20622	Prepare for Building Infrastructure Elec (cable & racks) PRR (L)	17-May-21	11-Aug-21	61	BLDGI-20672	BLDGI-20612	95	0	287.00	$48,234.80	$0.00	$48,234.80
BLDGI-20612	T6 MS - Start PRR for Building Infrastructure Elec (cable & racks)	12-Aug-21		0	BLDGI-20622	BLDGI-20662	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-20662	Respond to Recommendations from Building Infrastructure Elec (cable & racks) PRR (L)	12-Aug-21	23-Sep-21	30	BLDGI-20612	BLDGI-27942	95	0	144.00	$24,201.43	$0.00	$24,201.43
BLDGI-27942	T6 MS - Close Building Infrastructure Elec (cable & racks) PRR		23-Sep-21	0	BLDGI-20662	BLDGI-25622, BLDGI-26062, BLDGI-25922, BLDGI-25822, BLDGI-22962, BLDGI-23182, BLDGI-22022, BLDGI-28432	95	0	0.00	$0.00	$0.00	$0.00
121B-forElvin.04.04.04.02 Inst - Bldgl - Elec - Procurements		24-Sep-21	11-Jul-24	701			229	0	563.00	$92,499.93	$12,144,703.65	12,237,203.5
No Project Sub-Phase		24-Sep-21	11-Jul-24	701			229	0	563.00	$92,499.93	$12,144,703.65	12,237,203.5
Components: BTLCsCs BTL Cables and Connectors		09-Jun-22	10-Jul-23	272			482	0	57.00	$9,060.24	$2,051,191.79	2,060,252.03
BLDGI-25622	Prepare RQN for Cables and Connectors for BTL	09-Jun-22	25-Jul-22	32	BLDGI-27942, BLDGI-25852, PRJM27135, BLDGI-23162	BLDGI-25632	95	0	4.00	$649.48	$0.00	$649.48
BLDGI-25642	Draft RFP for BTL Cables and Connectors	26-Jul-22	19-Sep-22	39	BLDGI-25632	BLDGI-25652	95	0	4.00	$649.48	$0.00	$649.48
BLDGI-25632	T6 MS - Issue RQN for BTL Cables and Connectors	26-Jul-22		0	BLDGI-25622	BLDGI-25642	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-25662	Receive and Evaluate Proposals for BTL Cables and Connectors	20-Sep-22	14-Nov-22	40	BLDGI-25652	BLDGI-25672	482	0	4.00	$666.09	$0.00	$666.09



Remaining Work ◆ Milestone

Critical Remaining Work

TASK filter: All Activities

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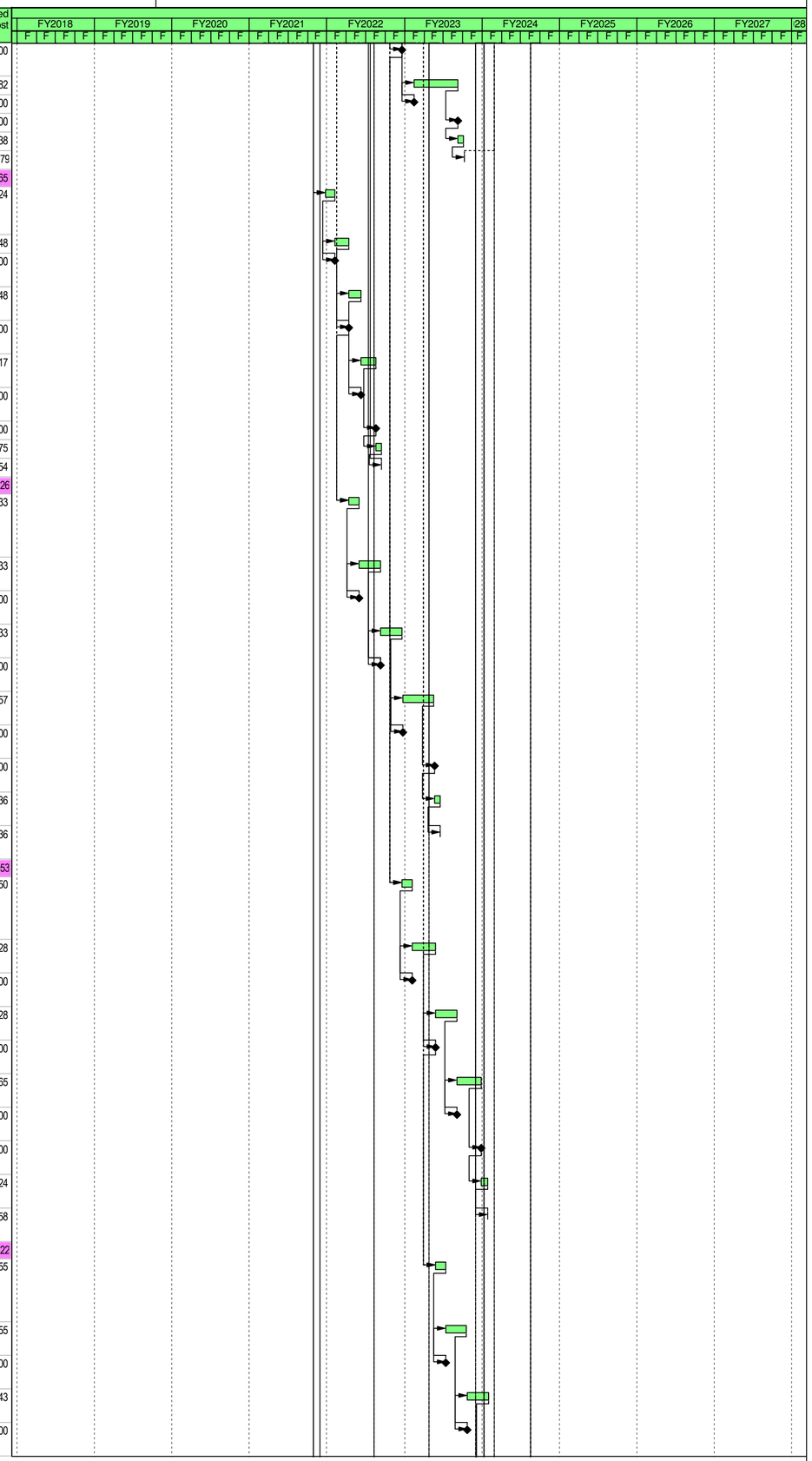
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
BLDGI-25652	T6 MS - Issue RFP for BTL Cables and Connectors	20-Sep-22		0	BLDGI-25642	BLDGI-25922, BLDGI-25662	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-25692	Interaction with Vendor - BTL Cables and Connectors	15-Nov-22	08-Jun-23	140	BLDGI-25672	BLDGI-25712	482	0	8.00	$1,341.82	$0.00	$1,341.82
BLDGI-25672	T6 MS - Issue PO for BTL Cables and Connectors	15-Nov-22		0	BLDGI-25662	BLDGI-25692	482	0	0.00	$0.00	$0.00	$0.00
BLDGI-25712	T6 MS - Cables and Connectors Delivered for BTL	09-Jun-23		0	BLDGI-25692	BLDGI-25702	482	0	0.00	$0.00	$0.00	$0.00
BLDGI-25702	QC Inspection of BTL Cables and Connectors	09-Jun-23	07-Jul-23	20	BLDGI-25712	BLDGI-25682	482	0	37.00	$5,753.38	$0.00	$5,753.38
BLDGI-25682	Accept Materials for BTL Cables and Connectors	10-Jul-23	10-Jul-23	1	BLDGI-25702	BLDGI-28112	482	132	0.00	$0.00	$2,051,191.79	$2,051,191.79
Components: HByCsCs High Bay Cables and Connectors		**24-Sep-21**	**16-Jun-22**	**182**			**642**	**0**	**41.00**	**$6,519.11**	**$632,649.54**	**$639,168.65**
BLDGI-22022	Prepare RQN for Cables and Connectors for High Bay	24-Sep-21	08-Nov-21	32	BLDGI-27942, PRJM27135, BLDGI-23162	BLDGI-22042	95	0	4.00	$646.24	$0.00	$646.24
BLDGI-22052	Draft RFP for Cables and Connectors for High Bay	09-Nov-21	10-Jan-22	39	BLDGI-22042	BLDGI-22062	95	0	4.00	$649.48	$0.00	$649.48
BLDGI-22042	T6 MS - Issue RQN for Cables and Connectors for High Bay	09-Nov-21		0	BLDGI-22022	BLDGI-22052	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-22072	Receive and Evaluate Proposals for Cables and Connectors for High Bay	11-Jan-22	08-Mar-22	40	BLDGI-22062	BLDGI-22082	642	0	4.00	$649.48	$0.00	$649.48
BLDGI-22062	T6 MS - Issue RFP for Cables and Connectors for High Bay	11-Jan-22		0	BLDGI-22052	BLDGI-25822, BLDGI-22072	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-24042	Interaction with Vendor for High Bay Cables and Connectors	09-Mar-22	17-May-22	50	BLDGI-22082	BLDGI-24092	642	0	14.00	$2,273.17	$0.00	$2,273.17
BLDGI-22082	T6 MS - Issue PO for Cables and Connectors for High Bay	09-Mar-22		0	BLDGI-22072	BLDGI-24042	642	0	0.00	$0.00	$0.00	$0.00
BLDGI-24092	T6 MS - Cables and Connectors Delivered for High Bay	18-May-22		0	BLDGI-24042	BLDGI-24052	642	0	0.00	$0.00	$0.00	$0.00
BLDGI-24052	QC Inspection for High Bay Cables and Connectors	18-May-22	15-Jun-22	20	BLDGI-24092	BLDGI-24032	642	0	15.00	$2,300.75	$0.00	$2,300.75
BLDGI-24032	Accept Materials for High Bay Cables and Connectors	16-Jun-22	16-Jun-22	1	BLDGI-24052	BLDGI-28412	642	0	0.00	$0.00	$632,649.54	$632,649.54
Components: TG1CsCs TG-1 Cables and Connectors		**11-Jan-22**	**20-Mar-23**	**299**			**406**	**0**	**109.00**	**$17,771.91**	**$3,086,795.36**	**$3,104,567.26**
BLDGI-25822	Prepare RQN for Cables and Connectors for Tunnel and Gallery Batch TG1	11-Jan-22	01-Mar-22	35	BLDGI-27942, BLDGI-22062, PRJM27135, BLDGI-23162	BLDGI-25832	95	0	9.00	$1,461.33	$0.00	$1,461.33
BLDGI-25842	Draft RFP for Cables and Connectors for Tunnel and Gallery Batch TG1	02-Mar-22	08-Jun-22	70	BLDGI-25832	BLDGI-25852	95	0	9.00	$1,461.33	$0.00	$1,461.33
BLDGI-25832	T6 MS - Issue RQN for Cables and Connectors for Tunnel and Gallery Batch TG1	02-Mar-22		0	BLDGI-25822	BLDGI-25842	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-25862	Receive and Evaluate Proposals for Cables and Connectors for Tunnel and Gallery Batch TG1	09-Jun-22	21-Sep-22	73	BLDGI-25852	BLDGI-25872	406	0	9.00	$1,461.33	$0.00	$1,461.33
BLDGI-25852	T6 MS - Issue RFP for Cables and Connectors for Tunnel and Gallery Batch TG1	09-Jun-22		0	BLDGI-25842	BLDGI-25622, BLDGI-25862	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-25892	Interaction with Vendor - for Cables and Connectors for Tunnel and Gallery Batch TG1	22-Sep-22	17-Feb-23	100	BLDGI-25872	BLDGI-25912	406	0	47.00	$7,865.57	$0.00	$7,865.57
BLDGI-25872	T6 MS - Issue PO for Cables and Connectors for Tunnel and Gallery Batch TG1	22-Sep-22		0	BLDGI-25862	BLDGI-25892	406	0	0.00	$0.00	$0.00	$0.00
BLDGI-25912	T6 MS - Batch TG1 Delivered for Cables and Connectors for Tunnel and Gallery	20-Feb-23		0	BLDGI-25892	BLDGI-25902	406	0	0.00	$0.00	$0.00	$0.00
BLDGI-25902	QC Inspection - Batch TG1 for Cables and Connectors for Tunnel and Gallery	20-Feb-23	17-Mar-23	20	BLDGI-25912	BLDGI-25882	406	0	35.00	$5,522.36	$0.00	$5,522.36
BLDGI-25882	Accept Materials - Batch TG1 for Cables and Connectors for Tunnel and Gallery	20-Mar-23	20-Mar-23	1	BLDGI-25902	BLDGI-28082	406	0	0.00	$0.00	$3,086,795.36	$3,086,795.36
Components: TG2CsCs TG-2 Cables and Connectors		**20-Sep-22**	**27-Oct-23**	**279**			**270**	**0**	**116.00**	**$19,256.95**	**$3,017,779.58**	**$3,037,036.53**
BLDGI-25922	Prepare RQN for Cables and Connectors for Tunnel and Gallery Batch TG2	20-Sep-22	07-Nov-22	35	BLDGI-27942, BLDGI-25652, PRJM27135, BLDGI-23162	BLDGI-25932	95	0	10.00	$1,663.50	$0.00	$1,663.50
BLDGI-25942	Draft RFP for Cables and Connectors for Tunnel and Gallery Batch TG2	08-Nov-22	22-Feb-23	70	BLDGI-25932	BLDGI-25952	95	0	10.00	$1,677.28	$0.00	$1,677.28
BLDGI-25932	T6 MS - Issue RQN for Cables and Connectors for Tunnel and Gallery Batch TG2	08-Nov-22		0	BLDGI-25922	BLDGI-25942	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-25962	Receive and Evaluate Proposals for Cables and Connectors for Tunnel and Gallery Batch TG2	23-Feb-23	06-Jun-23	73	BLDGI-25952	BLDGI-25972	270	0	10.00	$1,677.28	$0.00	$1,677.28
BLDGI-25952	T6 MS - Issue RFP for Cables and Connectors for Tunnel and Gallery Batch TG2	23-Feb-23		0	BLDGI-25942	BLDGI-26062, BLDGI-25962	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-25992	Interaction with Vendor for Cables and Connectors for Tunnel and Gallery Batch TG2	07-Jun-23	28-Sep-23	80	BLDGI-25972	BLDGI-26012	270	0	38.00	$6,373.65	$0.00	$6,373.65
BLDGI-25972	T6 MS - Issue PO for Cables and Connectors for Tunnel and Gallery Batch TG2	07-Jun-23		0	BLDGI-25962	BLDGI-25992	270	0	0.00	$0.00	$0.00	$0.00
BLDGI-26012	T6 MS - Batch TG2 Delivered for Cables and Connectors for Tunnel and Gallery	29-Sep-23		0	BLDGI-25992	BLDGI-26002	270	0	0.00	$0.00	$0.00	$0.00
BLDGI-26002	QC Inspection - Batch TG2 for Cables and Connectors for Tunnel and Gallery	29-Sep-23	26-Oct-23	20	BLDGI-26012	BLDGI-25982	270	0	48.00	$7,865.24	$0.00	$7,865.24
BLDGI-25982	Accept Materials - Batch TG2 for Cables and Connectors for Tunnel and Gallery	27-Oct-23	27-Oct-23	1	BLDGI-26002	BLDGI-28092	270	0	0.00	$0.00	$3,017,779.58	$3,017,779.58
Components: TG3CsCs TG-3 Cables and Connectors		**23-Feb-23**	**11-Jul-24**	**349**			**95**	**0**	**124.00**	**$20,795.86**	**$1,491,899.36**	**$1,512,695.22**
BLDGI-26062	Prepare RQN for Cables and Connectors for Tunnel and Gallery Batch TG3	23-Feb-23	12-Apr-23	35	BLDGI-27942, BLDGI-25952, PRJM27135, BLDGI-23162	BLDGI-26072	95	0	9.00	$1,509.55	$0.00	$1,509.55
BLDGI-26082	Draft RFP for Cables and Connectors for Tunnel and Gallery Batch TG3	13-Apr-23	21-Jul-23	70	BLDGI-26072	BLDGI-26092	95	0	9.00	$1,509.55	$0.00	$1,509.55
BLDGI-26072	T6 MS - Issue RQN for Cables and Connectors for Tunnel and Gallery Batch TG3	13-Apr-23		0	BLDGI-26062	BLDGI-26082	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-26102	Receive and Evaluate Proposals for Cables and Connectors for Tunnel and Gallery Batch TG3	24-Jul-23	02-Nov-23	73	BLDGI-26092	BLDGI-26112	95	0	9.00	$1,525.43	$0.00	$1,525.43
BLDGI-26092	T6 MS - Issue RFP for Cables and Connectors for Tunnel and Gallery Batch TG3	24-Jul-23		0	BLDGI-26082	BLDGI-26102	95	0	0.00	$0.00	$0.00	$0.00



Remaining Work ◆ Milestone

Critical Remaining Work

TASK filter: All Activities

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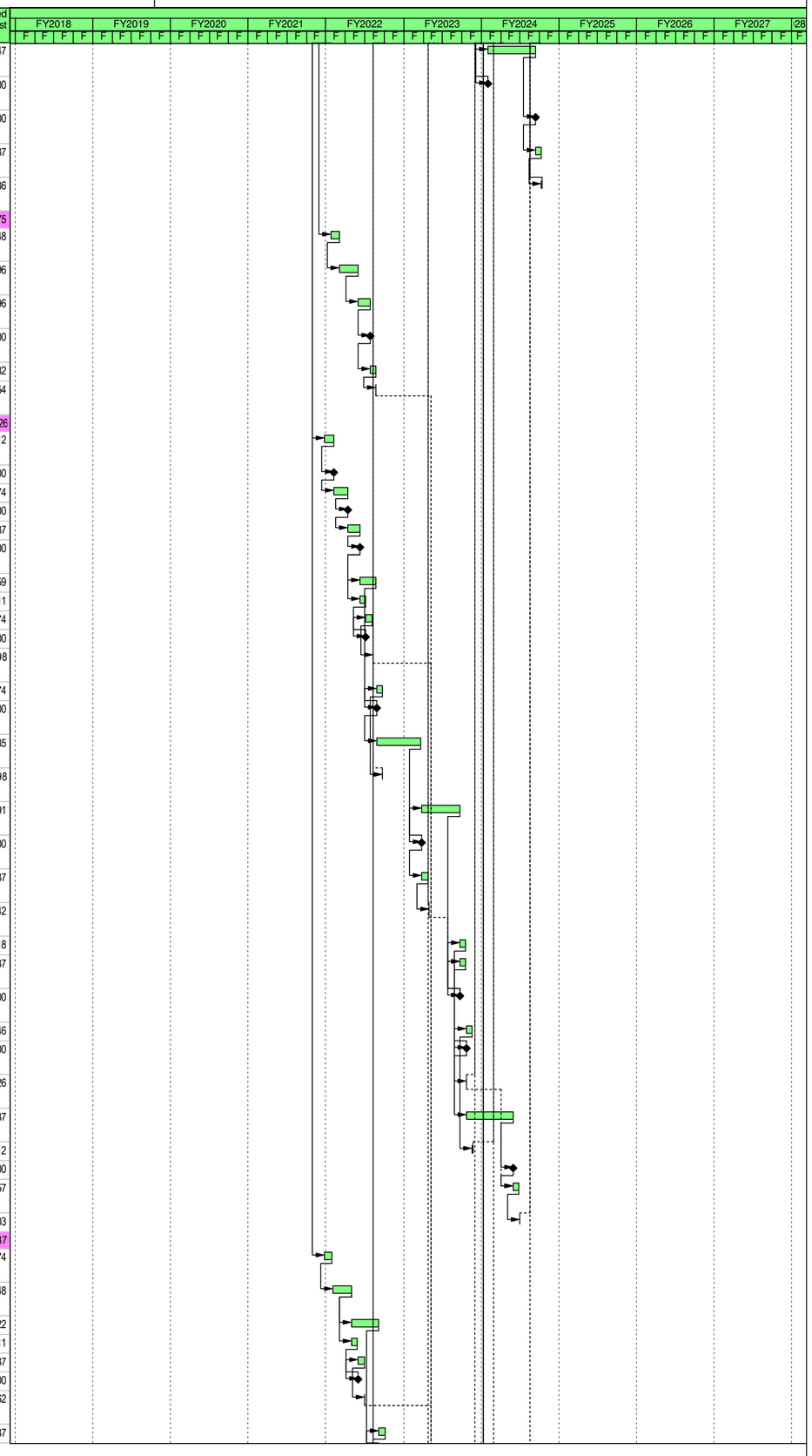
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
BLDGI-26132	Interaction with Vendor - for Cables and Connectors for Tunnel and Gallery Batch TG3	03-Nov-23	11-Jun-24	150	BLDGI-26112	BLDGI-26152	95	0	47.00	$8,135.47	$0.00	$8,135.47
BLDGI-26112	T6 MS - Issue PO for Cables and Connectors for Tunnel and Gallery Batch TG3	03-Nov-23		0	BLDGI-26102	BLDGI-26132	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-26152	T6 MS - Batch TG3 Delivered for Cables and Connectors for Tunnel and Gallery Batch TG3	12-Jun-24		0	BLDGI-26132	BLDGI-26142	95	0	0.00	$0.00	$0.00	$0.00
BLDGI-26142	QC Inspection - Batch TG3 for Cables and Connectors for Tunnel and Gallery Batch TG3	12-Jun-24	10-Jul-24	20	BLDGI-26152	BLDGI-26122	95	0	50.00	$8,115.87	$0.00	$8,115.87
BLDGI-26122	Accept Materials - Batch TG3 for Cables and Connectors for Tunnel and Gallery	11-Jul-24	11-Jul-24	1	BLDGI-26142	BLDGI-28102	95	0	0.00	$0.00	$1,491,899.36	$1,491,899.36
Components: UtPCsCs Utility Plant Cables and Connectors		26-Oct-21	25-May-22	145			587	0	26.00	$4,154.21	$632,649.54	$636,803.75
BLDGI-27832	Prepare RQN for Cables and Connectors for Utility Plant	26-Oct-21	02-Dec-21	26	BLDGI-27932, PRJM27135	BLDGI-27842	587	0	4.00	$649.48	$0.00	$649.48
BLDGI-27842	Support to Procurement for Cables and Connectors for Utility Plant	03-Dec-21	01-Mar-22	58	BLDGI-27832	BLDGI-27862	587	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-27862	Interaction with Vendor for Cables and Connectors for Utility Plant	02-Mar-22	26-Apr-22	40	BLDGI-27842	BLDGI-27912	587	0	8.00	$1,298.96	$0.00	$1,298.96
BLDGI-27912	T6 MS - Cables and Connectors Delivered for Utility Plant	27-Apr-22		0	BLDGI-27862	BLDGI-27872	587	0	0.00	$0.00	$0.00	$0.00
BLDGI-27872	QC Inspection for Utility Plant Cables and Connectors	27-Apr-22	24-May-22	20	BLDGI-27912	BLDGI-27852	587	0	6.00	$906.82	$0.00	$906.82
BLDGI-27852	Accept Materials for Utility Plant Cables and Connectors	25-May-22	25-May-22	1	BLDGI-27872	BLDGI-20872, BLDGI-20882	587	214	0.00	$0.00	$632,649.54	$632,649.54
Components: Racks Racks		24-Sep-21	28-Mar-24	628			302	0	54.00	$8,987.46	$1,218,930.80	$1,227,918.26
BLDGI-23182	Prepare RQN for Racks (L)	24-Sep-21	08-Nov-21	32	BLDGI-27942, PRJM27135	BLDGI-23202	168	0	2.00	$323.12	$0.00	$323.12
BLDGI-23202	T6 MS - RQN Approved for Racks	09-Nov-21		0	BLDGI-23182	BLDGI-23212	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-23212	Draft RFP for Racks (L)	09-Nov-21	10-Jan-22	39	BLDGI-23202	BLDGI-23222	168	0	2.00	$324.74	$0.00	$324.74
BLDGI-23222	T6 MS - Issue RFP for Racks	11-Jan-22		0	BLDGI-23212	BLDGI-23232	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-23232	Receive and Evaluate Proposals for Racks (L)	11-Jan-22	08-Mar-22	40	BLDGI-23222	BLDGI-23242	168	0	1.00	$162.37	$0.00	$162.37
BLDGI-23242	T6 MS - PO Issued for Racks (Phased PO)	09-Mar-22		0	BLDGI-23232	BLDGI-24352, BLDGI-24272	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-24272	Interaction with Vendor for High Bay Racks (L)	09-Mar-22	25-May-22	56	BLDGI-23242	BLDGI-24282	168	0	7.00	$1,136.59	$0.00	$1,136.59
BLDGI-24352	Interaction with Vendor for Utility Plant Racks (L)	09-Mar-22	05-Apr-22	20	BLDGI-23242	BLDGI-24362	599	0	3.00	$487.11	$0.00	$487.11
BLDGI-24432	QC Inspection for Utility Plant Racks (L)	06-Apr-22	06-May-22	23	BLDGI-24362	BLDGI-24492	599	0	2.00	$324.74	$0.00	$324.74
BLDGI-24362	T6 MS - Racks Delivered for Utility Plant	06-Apr-22		0	BLDGI-24352	BLDGI-24432	599	0	0.00	$0.00	$0.00	$0.00
BLDGI-24492	Accept Racks for Utility Plant (M&S)	09-May-22	09-May-22	1	BLDGI-24432	BLDGI-20882, BLDGI-20872	599	226	0.00	$0.00	$74,057.98	$74,057.98
BLDGI-24392	QC Inspection for High Bay Racks (L)	26-May-22	23-Jun-22	20	BLDGI-24282	BLDGI-24452	266	0	2.00	$324.74	$0.00	$324.74
BLDGI-24282	T6 MS - Racks Delivered for High Bay	26-May-22		0	BLDGI-24272	BLDGI-24392, BLDGI-24292	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-24292	Interaction with Vendor for Racks - Batch TG1 (Tunnel and Gallery) (L)	26-May-22	22-Dec-22	146	BLDGI-24282	BLDGI-24302	168	0	4.00	$657.85	$0.00	$657.85
BLDGI-24452	Accept Racks for High Bay (M&S)	24-Jun-22	24-Jun-22	1	BLDGI-24392	CNTRL753950, BLDGI-28052	266	0	0.00	$0.00	$74,057.98	$74,057.98
BLDGI-24312	Interaction with Vendor for Racks - Batch TG2 (Tunnel and Gallery) (L)	27-Dec-22	22-Jun-23	124	BLDGI-24302	BLDGI-24322	168	0	4.00	$670.91	$0.00	$670.91
BLDGI-24302	T6 MS - Batch TG1 Delivered for Racks	27-Dec-22		0	BLDGI-24292, BLDGI-28432	BLDGI-24402, BLDGI-24312	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-24402	QC Inspection for Racks - Batch TG1 (Tunnel and Gallery) (L)	27-Dec-22	26-Jan-23	20	BLDGI-24302	BLDGI-24462	420	0	6.00	$1,006.37	$0.00	$1,006.37
BLDGI-24462	Accept Racks - Batch TG1 (Tunnel and Gallery) (M&S)	27-Jan-23	27-Jan-23	1	BLDGI-24402	BLDGI-28082, BLDGI-24412	420	36	0.00	$0.00	$353,328.42	$353,328.42
BLDGI-24332	Interaction with Vendor for Racks - Batch BTL (L)	23-Jun-23	21-Jul-23	20	BLDGI-24322	BLDGI-24342	168	0	3.00	$503.18	$0.00	$503.18
BLDGI-24412	QC Inspection for Racks - Batch TG2 (Tunnel and Gallery) (L)	23-Jun-23	21-Jul-23	20	BLDGI-24462, BLDGI-24322	BLDGI-24472	317	0	6.00	$1,006.37	$0.00	$1,006.37
BLDGI-24322	T6 MS - Batch TG2 Delivered for Racks	23-Jun-23		0	BLDGI-24312	BLDGI-24412, BLDGI-24332	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-24422	QC Inspection for BTL Racks (L)	24-Jul-23	18-Aug-23	20	BLDGI-24342	BLDGI-24482	452	0	2.00	$335.46	$0.00	$335.46
BLDGI-24342	T6 MS - Racks Delivered for BTL	24-Jul-23		0	BLDGI-24332	BLDGI-24372, BLDGI-24422	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-24472	Accept Racks - Batch TG2 (Tunnel and Gallery) (M&S)	24-Jul-23	24-Jul-23	1	BLDGI-24412	BLDGI-28092, BLDGI-24442	317	68	0.00	$0.00	$339,926.26	$339,926.26
BLDGI-24372	Interaction with Vendor for Racks - Batch TG3 (Tunnel and Gallery) (L)	24-Jul-23	28-Feb-24	150	BLDGI-24342	BLDGI-24382	168	0	4.00	$685.37	$0.00	$685.37
BLDGI-24482	Accept Racks for BTL (M&S)	21-Aug-23	21-Aug-23	1	BLDGI-24422	BLDGI-28112	452	102	0.00	$0.00	$198,595.12	$198,595.12
BLDGI-24382	T6 MS - Batch TG3 Delivered for Racks (at BO Gallery)	29-Feb-24		0	BLDGI-24372	BLDGI-24442	168	0	0.00	$0.00	$0.00	$0.00
BLDGI-24442	QC Inspection for Racks - Batch TG3 (Tunnel and Gallery) (L)	29-Feb-24	27-Mar-24	20	BLDGI-24472, BLDGI-24382	BLDGI-24502	168	0	6.00	$1,038.57	$0.00	$1,038.57
BLDGI-24502	Accept Racks - Batch TG3 (Tunnel and Gallery) (M&S)	28-Mar-24	28-Mar-24	1	BLDGI-24442	BLDGI-28102	168	73	0.00	$0.00	$178,965.03	$178,965.03
Components: Grounding Grounding		24-Sep-21	09-Apr-24	636			294	0	36.00	$5,954.19	$12,807.68	$18,761.87
BLDGI-22962	Prepare RQN for Grounding (L)	24-Sep-21	29-Oct-21	26	BLDGI-27942, PRJM27135	BLDGI-22972	160	0	2.00	$322.74	$0.00	$322.74
BLDGI-22972	Support Procurement for Grounding (L)	01-Nov-21	28-Jan-22	58	BLDGI-22962	BLDGI-25072, BLDGI-24992	160	0	4.00	$649.48	$0.00	$649.48
BLDGI-24992	Interaction with Vendor for High Bay Grounding (L)	31-Jan-22	07-Jun-22	91	BLDGI-22972	BLDGI-25002	160	0	6.00	$974.22	$0.00	$974.22
BLDGI-25072	Interaction with Vendor for Utility Plant Grounding (L)	31-Jan-22	25-Feb-22	20	BLDGI-22972	BLDGI-25082	626	0	3.00	$487.11	$0.00	$487.11
BLDGI-25152	QC Inspection for Utility Plant Grounding (L)	28-Feb-22	30-Mar-22	23	BLDGI-25082	BLDGI-25212	626	0	1.00	$162.37	$0.00	$162.37
BLDGI-25082	T6 MS - Grounding Delivered for Utility Plant	28-Feb-22		0	BLDGI-25072	BLDGI-25152	626	0	0.00	$0.00	$0.00	$0.00
BLDGI-25212	Accept Grounding for Utility Plant (M&S)	31-Mar-22	31-Mar-22	1	BLDGI-25152	BLDGI-20882, BLDGI-20872	626	253	0.00	$0.00	$778.62	$778.62
BLDGI-25112	QC Inspection for High Bay Grounding (L)	08-Jun-22	06-Jul-22	20	BLDGI-25002	BLDGI-25172	304	0	1.00	$162.37	$0.00	$162.37



Remaining Work ◆ ◆ Milestone

Critical Remaining Work

TASK filter: All Activities

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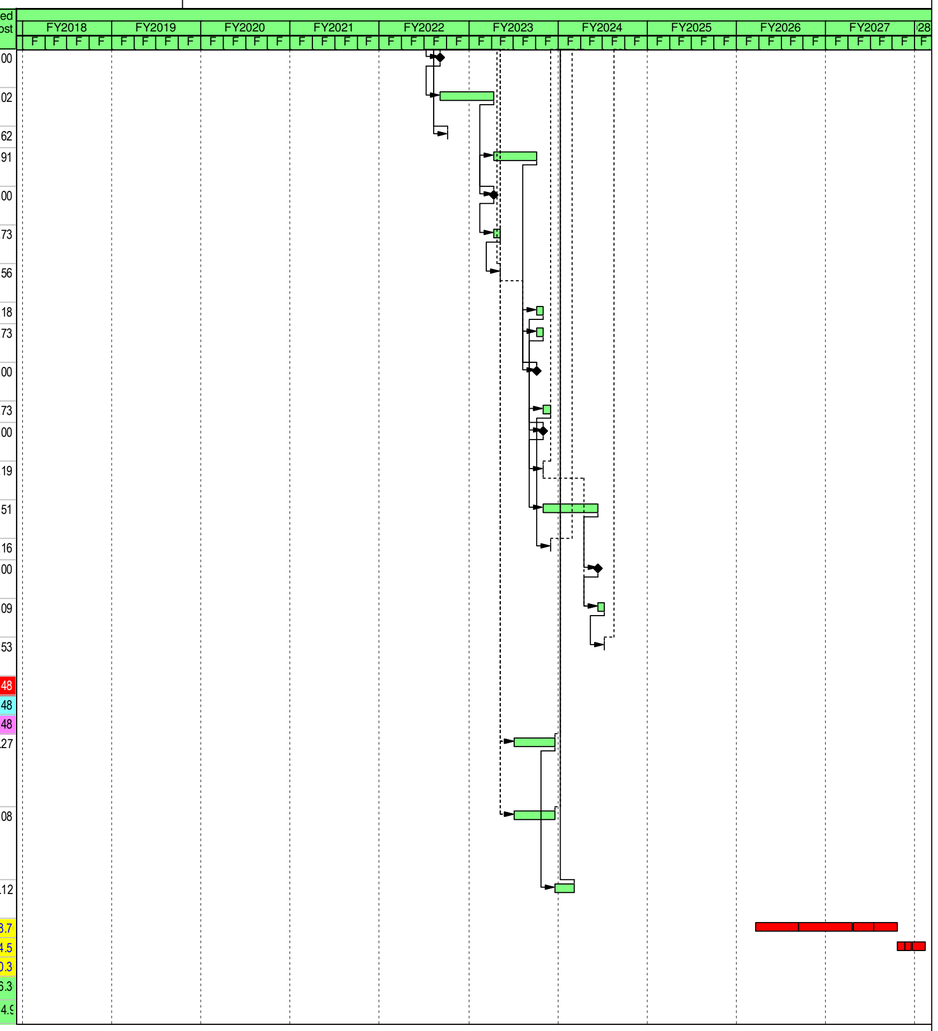
PIP-II Project Schedule

All Activities

Activity ID	Activity Name	Start	Finish	Orig Durn	Predecessors	Successors	Total Float	Free Float	Planned Labor Units	Planned Labor Cost	Planned Material Cost	Planned Total Cost
BLDGI-25002	T6 MS - Grounding Delivered for High Bay	08-Jun-22		0	BLDGI-24992	BLDGI-25112, BLDGI-25012	160	0	0.00	$0.00	$0.00	$0.00
BLDGI-25012	Interaction with Vendor for Grounding - Batch TG1 (Tunnel and Gallery) (L)	08-Jun-22	09-Jan-23	146	BLDGI-25002	BLDGI-25022	160	0	4.00	$659.02	$0.00	$659.02
BLDGI-25172	Accept Grounding for High Bay (M&S)	07-Jul-22	07-Jul-22	1	BLDGI-25112	BLDGI-28052	304	0	0.00	$0.00	$778.62	$778.62
BLDGI-25032	Interaction with Vendor for Grounding - Batch TG2 (Tunnel and Gallery) (L)	10-Jan-23	05-Jul-23	124	BLDGI-25022	BLDGI-25042	160	0	4.00	$670.91	$0.00	$670.91
BLDGI-25022	T6 MS - Batch TG1 Delivered for Grounding	10-Jan-23		0	BLDGI-25012	BLDGI-25122, BLDGI-25032	160	0	0.00	$0.00	$0.00	$0.00
BLDGI-25122	QC Inspection for Grounding - Batch TG1 (Tunnel and Gallery) (L)	10-Jan-23	07-Feb-23	20	BLDGI-25022	BLDGI-25182	412	0	1.00	$167.73	$0.00	$167.73
BLDGI-25182	Accept Grounding - Batch TG1 (Tunnel and Gallery) (M&S)	08-Feb-23	08-Feb-23	1	BLDGI-25122	BLDGI-28082, BLDGI-25132	412	28	0.00	$0.00	$3,712.56	$3,712.56
BLDGI-25052	Interaction with Vendor for Grounding - Batch BTL (L)	06-Jul-23	02-Aug-23	20	BLDGI-25042	BLDGI-25062	160	0	3.00	$503.18	$0.00	$503.18
BLDGI-25132	QC Inspection for Grounding - Batch TG2 (Tunnel and Gallery) (L)	06-Jul-23	02-Aug-23	20	BLDGI-25182, BLDGI-25042	BLDGI-25192	309	0	1.00	$167.73	$0.00	$167.73
BLDGI-25042	T6 MS - Batch TG2 Delivered for Grounding	06-Jul-23		0	BLDGI-25032	BLDGI-25132, BLDGI-25052	160	0	0.00	$0.00	$0.00	$0.00
BLDGI-25142	QC Inspection for BTL Grounding (L)	03-Aug-23	30-Aug-23	20	BLDGI-25062	BLDGI-25202	444	0	1.00	$167.73	$0.00	$167.73
BLDGI-25062	T6 MS - Grounding Delivered for BTL	03-Aug-23		0	BLDGI-25052	BLDGI-25092, BLDGI-25142	160	0	0.00	$0.00	$0.00	$0.00
BLDGI-25192	Accept Grounding - Batch TG2 (Tunnel and Gallery) (M&S)	03-Aug-23	03-Aug-23	1	BLDGI-25132	BLDGI-28092, BLDGI-25162	309	60	0.00	$0.00	$3,571.19	$3,571.19
BLDGI-25092	Interaction with Vendor for Grounding - Batch TG3 (Tunnel and Gallery) (L)	03-Aug-23	11-Mar-24	150	BLDGI-25062	BLDGI-25102	160	0	4.00	$686.51	$0.00	$686.51
BLDGI-25202	Accept Grounding for BTL (M&S)	31-Aug-23	31-Aug-23	1	BLDGI-25142	BLDGI-28112	444	94	0.00	$0.00	$2,086.16	$2,086.16
BLDGI-25102	T6 MS - Batch TG3 Delivered for Grounding (at BO Gallery)	12-Mar-24		0	BLDGI-25092	BLDGI-25162	160	0	0.00	$0.00	$0.00	$0.00
BLDGI-25162	QC Inspection for Grounding - Batch TG3 (Tunnel and Gallery) (L)	12-Mar-24	08-Apr-24	20	BLDGI-25192, BLDGI-25102	BLDGI-25222	160	0	1.00	$173.09	$0.00	$173.09
BLDGI-25222	Accept Grounding - Batch TG3 (Tunnel and Gallery) (M&S)	09-Apr-24	09-Apr-24	1	BLDGI-25162	BLDGI-28102	160	65	0.00	$0.00	$1,880.53	$1,880.53
121B-forElvin.04.04.04.03 Inst - Bldgl - Elec - Installation		05-Apr-23	05-Dec-23	170			373	0	476.00	$58,080.39	$259,529.08	$317,609.48
No Project Sub-Phase		05-Apr-23	05-Dec-23	170			373	0	476.00	$58,080.39	$259,529.08	$317,609.48
No Components		05-Apr-23	05-Dec-23	170			373	0	476.00	$58,080.39	$259,529.08	$317,609.48
BLDGI-20872	Support to Electrical Installation in Utility Plant (LCW) (L)	05-Apr-23	19-Sep-23	117	CFUB10640, BLDGI-27852, BLDGI-24492, BLDGI-25212	BLDGI-23682, BLDGI-23632	373	0	321.00	$38,745.27	$0.00	$38,745.27
BLDGI-20882	Receive Services for Electrical Installation in Utility Plant (LCW) (M&S)	05-Apr-23	18-Sep-23	116	CFUB10640, BLDGI-24492, BLDGI-25212, BLDGI-27852	BLDGI-23632	427	54	0.00	$0.00	$259,529.08	$259,529.08
BLDGI-23682	Support to Electrical Installation in Utility Building - Qtr4 FY23 (scope may be integrated with CF) (L)	20-Sep-23	05-Dec-23	53	BLDGI-20872	BLDGI-23632	373	0	155.00	$19,335.12	$0.00	$19,335.12
121B-forElvin.04.05 Inst - Linac Installation (LI)		02-Jan-19	22-Jul-27	2149			1218	0	258410.90	$42,299,830.82	$9,855,497.88	52,155,328.7
121B-forElvin.04.06 Inst - Beam Commissioning (Comm)		02-Jan-19	12-Nov-27	2229			1138	0	70073.87	$13,972,895.80	$784,238.73	14,757,134.5
121B-forElvin.04.07 Inst - Accelerator Physics (AP)		02-Jan-19	18-Jun-27	2126			1241	0	69162.08	$12,445,056.78	$257,803.51	12,702,860.3
121B-forElvin.05 ACCELERATOR COMPLEX UPGRADES (Accl		02-Jan-19	14-Oct-27	2208			1159	0	256884.19	$39,453,679.27	$26,271,787.02	65,725,466.3
121B-forElvin.06 CONVENTIONAL FACILITIES (CnvF)		02-Jan-19	31-Aug-26	1926			1441	0	57082.27	$9,541,843.58	$136,430,721.33	145,972,564.9



Remaining Work
Critical Remaining Work
Milestone

TASK filter: All Activities

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