



ENDRE BOLENT ARCHITECTS INC.

MLHU Project Design Schedule

ID	Task Name	Duration	Start	Finish	Resource Names	Predecessor	Complete %	4th Quarter			1st Quarter			2nd Quarter								
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
1	MLHU - FIRST AND SECOND FLOOR	349 days	Thu 10/4/18	Thu 2/13/20			39%															
2	PLANNING AND EVALUATION	44 days	Thu 10/4/18	Tue 12/4/18			100%															
3	Analyze Clients Requirements	2 days	Thu 10/4/18	Fri 10/5/18			100%															
4	analysis of existing fuctional programing document	2 days	Thu 10/4/18	Fri 10/5/18			100%															
5	Functional Programming	42 days	Mon 10/8/18	Tue 12/4/18			100%															
6	Analysis of Space Requirements & meeting with each department	42 days	Mon 10/8/18	Tue 12/4/18			100%															
7	Project Set Up - Data Gathering & Site Visits	16 days	Mon 10/8/18	Mon 10/29/18	MLHU	4	100%															
8	Team Meetings	15 days	Wed 10/31/18	Tue 11/20/18	EPA	7	100%															
9	Analysis of Space Requirements	10 days	Wed 11/21/18	Tue 12/4/18	EPA	8	100%															
10	PRELIMINARY DESIGN	49 days	Wed 11/21/18	Wed 2/6/19			94%															
11	Prepare schematic design documents	46 days	Wed 11/21/18	Fri 2/1/19			100%															
12	Schematic Plans and Review w/ client	44 days	Wed 11/21/18	Wed 1/30/19	EPA	8	100%															
13	Final Floor plans	2 days	Thu 1/31/19	Fri 2/1/19	EPA	12	100%															
14	Review	3 days	Fri 2/1/19	Wed 2/6/19			0%															
15	Submit Schematics to client for review	0 days	Fri 2/1/19	Fri 2/1/19	EPA	13	100%															
16	Obtain written approval for design development	3 days	Mon 2/4/19	Wed 2/6/19	MLHU	15	0%															
17	DETAILED DESIGN DEVELOPMENT	27 days	Thu 2/7/19	Fri 3/15/19			97%															
18	Review Program w/ consultants	1 day	Thu 2/7/19	Thu 2/7/19	EPA	16	100%															
19	Detailed document development	15 days	Fri 2/8/19	Thu 2/28/19			100%															
20	Architectural	15 days	Fri 2/8/19	Thu 2/28/19	EPA[0.5]	18	100%															
21	Mechanical	15 days	Fri 2/8/19	Thu 2/28/19	S+A[0.25]	18	100%															
22	Electrical	15 days	Fri 2/8/19	Thu 2/28/19	S+A[0.25]	18	100%															
23	Structural	15 days	Fri 2/8/19	Thu 2/28/19	DC BUCK	18	100%															
24	Develop Preliminary Specifications	15 days	Fri 2/8/19	Thu 2/28/19			100%															
25	Architectural	15 days	Fri 2/8/19	Thu 2/28/19	EPA[0.5]	18	100%															
26	Mechanical	15 days	Fri 2/8/19	Thu 2/28/19	S+A[0.25]	18	100%															
27	Electrical	15 days	Fri 2/8/19	Thu 2/28/19	S+A[0.25]	18	100%															
28	Review	11 days	Fri 3/1/19	Fri 3/15/19			40%															
29	Submit Schematics to client for review	2 days	Fri 3/1/19	Mon 3/4/19	EPA	19,24	100%															
30	Obtain written approval for design development	1 day	Wed 3/13/19	Wed 3/13/19	MLHU		0%															
31	Redesign - 2nd Floor ABW'S and IT Area	2 days	Thu 3/14/19	Fri 3/15/19		30	0%															
32	CONTRACT DOCUMENT PHASE	44 days	Wed 3/6/19	Mon 5/6/19			12%															
33	Contract documents	10 days	Wed 3/6/19	Tue 3/19/19	EPA[0.34],S+A[0.33],DC BUCK[0.33]	17	100%															
34	Quality Control - Establish review dates	34 days	Wed 3/20/19	Mon 5/6/19			1%															
35	60% review with consultants	2 days	Wed 3/20/19	Thu 3/21/19			50%															
36	meeting with consultants	1 day	Wed 3/20/19	Wed 3/20/19	EPA	33	100%															
37	Presentation to SLT - Obtain Design Approval	1 day	Thu 3/21/19	Thu 3/21/19	MLHU	36,31	0%															
38	Implement 60% CD Review and Continue Development	13 days	Fri 3/22/19	Tue 4/9/19	EPA[0.34],S+A[0.33],DC BUCK[0.33]	37	0%															
39	90% review with consultants	16 days	Fri 3/22/19	Fri 4/12/19			0%															
40	EPA Comments	2 days	Wed 4/10/19	Thu 4/11/19	EPA[0.5]	38	0%															
41	Meeting with consultants (A,MEP AND SPECS & FINISHES)	0.5 days	Fri 4/12/19	Fri 4/12/19	EPA[0.5]	40	0%															
42	Specifications	13 days	Fri 3/22/19	Tue 4/9/19			0%															
43	Prepare and assemble specification	13 days	Fri 3/22/19	Tue 4/9/19			0%															
44	Architectural	13 days	Fri 3/22/19	Tue 4/9/19	EPA[0.34]	37	0%															
45	Mechanical	13 days	Fri 3/22/19	Tue 4/9/19	S+A[0.34]	37	0%															

Task		External Tasks		Manual Task		Finish-only		Critical Split	
Split		External MileTask		Duration-only		Path Successor Milestone Task		Progress	
Milestone		Inactive Task		Manual Summary Rollup		Path Successor Summary Task		Split	
Summary		Inactive Milestone		Manual Summary		Path Successor Normal Task			
Project Summary		Inactive Summary		Start-only		Critical			



ENRRI DESIGN ARCHITECTS INC.

MLHU Project Design Schedule

ID	Task Name	Duration	Start	Finish	Resource Names	Predecessor	% Complete	4th Quarter			1st Quarter			2nd Quarter			
								Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
46	Electrical	13 days	Fri 3/22/19	Tue 4/9/19	S+A[0.34]	37	0%										
47	meeting with Owner	0.5 days	Fri 4/12/19	Fri 4/12/19	MLHU	41,44,4	0%										
48	Implement 90% CD Review and Continue Development	12 days	Mon 4/15/19	Tue 4/30/19	EPA[0.34],S+A[0.33],DC BUCK[0.33]	47	0%										
49	Avison Young - Obtain Approval before permit	12 days	Mon 4/15/19	Tue 4/30/19	EPA	47	0%										
50	100% review with consultants	4 days	Wed 5/1/19	Mon 5/6/19			0%										
51	EPA Comments	2 days	Wed 5/1/19	Thu 5/2/19		48	0%										
52	meeting with consultants	1 day	Fri 5/3/19	Fri 5/3/19	EPA[0.34],S+A[0.33],DC BUCK[0.33]	51	0%										
53	meeting with Owner	1 day	Mon 5/6/19	Mon 5/6/19	MLHU	52	0%										
54	PERMITTING PHASE	28 days	Tue 4/30/19	Fri 6/7/19			0%										
55	Obtain client written authorization	28 days	Tue 4/30/19	Fri 6/7/19			0%										
56	AY - Client Authorization for Building Permit Submission	0 days	Tue 4/30/19	Tue 4/30/19	EPA	49	0%										
57	Prepare Material for Permit	4 days	Wed 5/1/19	Mon 5/6/19	EPA	56	0%										
58	To submit drawings for building permit and get approval	24 days	Tue 5/7/19	Fri 6/7/19	EPA	57	0%										
59	Building Permit Received	0 days	Fri 6/7/19	Fri 6/7/19	EPA	58	0%										
60	TENDERING PHASE	106 days	Thu 2/7/19	Thu 7/4/19			0%										
61	Pre- Qualification	10 days	Thu 2/7/19	Wed 2/20/19	BES CONSULTING	16	0%										
62	Prepare Material for Permit	5 days	Mon 5/6/19	Fri 5/10/19	EPA	52	0%										
63	Distribution of Bidding and Proposal Documents	38 days	Mon 5/13/19	Wed 7/3/19			0%										
64	Distribute documents to GCs	1 day	Mon 5/13/19	Mon 5/13/19	EPA	62	0%										
65	Bidding	30 days	Tue 5/14/19	Mon 6/24/19	EPA	64	0%										
66	Bid and Proposal evaluation	6 days	Tue 6/25/19	Tue 7/2/19	EPA	65	0%										
67	Contract sign GC	1 day	Wed 7/3/19	Wed 7/3/19	MLHU	66	0%										
68	GC kick Off Meeting	1 day	Thu 7/4/19	Thu 7/4/19	MLHU[0.25],BES CONSULTING[0.25]	67	0%										
69	CONTRACT ADMINISTRATION	8 mons	Fri 7/5/19	Thu 2/13/20	BES CONSULTING[0.5],EPA[0.5]	68,59	0%										

Project: 1715-2019-03-21-MLHU-Singu
Date: Fri 3/22/19

Task		External Tasks		Manual Task		Finish-only		Critical Split	
Split		External MileTask		Duration-only		Path Successor Milestone Task		Progress	
Milestone		Inactive Task		Manual Summary Rollup		Path Successor Summary Task		Split	
Summary		Inactive Milestone		Manual Summary		Path Successor Normal Task			
Project Summary		Inactive Summary		Start-only		Critical			