

Lampiran 2 Rencana Anggaran Biaya

No.	Uraian Pekerjaan	Volume	Qty	Volume Cluster	Satuan	Harga Satuan	Jumlah Harga
I PEKERJAAN PERSIAPAN							
1	Pekerjaan Pengukuran & Bowplank	60.00	28	1680.00	m ²	Rp 260,000.00	Rp 436,800,000.00
II PEKERJAAN TANAH							
1	Galian Pondasi	4.25	28	119.00	m ³	Rp 230,000.00	Rp 27,370,000.00
2	Urug Pasir Dibawah Pondasi	2.36	28	66.08	m ³	Rp 230,000.00	Rp 15,198,400.00
3	Urug Kembali + Pemasatan	3.19	28	89.32	m ³	Rp 40,000.00	Rp 3,572,800.00
4	Pekerjaan Bor Strausspile Ø20cm - 3 meter	12.00	28	336.00	m ¹	Rp 130,000.00	Rp 43,680,000.00
III PEKERJAAN PONDASI							
1	Pile Cap Uk. 60x60x20						
	- Beton K-225	0.48	28	13.44	m ³	Rp 850,000.00	Rp 11,424,000.00
	- Besi Ø10-200	33.04	28	925.12	kg	Rp 35,000.00	Rp 32,379,200.00
2	Pek. Strausspile D=20cm ; P=300cm						
	- Beton K-225	0.38	28	10.64	m ³	Rp 850,000.00	Rp 9,044,000.00
	- Besi 6Ø10 ; Ø8-150	19.64	28	549.92	kg	Rp 27,000.00	Rp 14,847,840.00
3	Pekerjaan Pondasi Batu Kumpang	47.20	28	1321.6	m ¹	Rp 50,000.00	Rp 66,080,000.00
4	Pekerjaan Sloof 15/25						
	- Beton K-225	1.77	28	49.56	m ³	Rp 850,000.00	Rp 42,126,000.00
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	340.03	28	9520.84	kg	Rp 17,000.00	Rp 161,854,280.00
	- Bekisting	23.60	28	660.8	m ²	Rp 34,000.00	Rp 22,467,200.00
IV PEKERJAAN STRUKTUR							
1	Kolom K1 15/15						
	- Beton K-225	1.28	28	35.84	m ³	Rp 850,000.00	Rp 30,464,000.00
	- Besi 4Ø10 ; Ø8-150	200.73	28	5620.44	kg	Rp 15,000.00	Rp 84,306,600.00
	- Bekisting	30.90	28	865.2	m ²	Rp 34,000.00	Rp 29,416,800.00
2	Kolom K2 15/30						
	- Beton K-225	0.72	28	20.16	m ³	Rp 850,000.00	Rp 17,136,000.00
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	120.10	28	3362.8	kg	Rp 15,000.00	Rp 50,442,000.00
	- Bekisting	16.20	28	453.6	m ²	Rp 34,000.00	Rp 15,422,400.00
4	Balok 15/35						
	- Beton K-225	0.20	28	5.6	m ³	Rp 850,000.00	Rp 4,760,000.00
	- Besi 6Ø12 ; 4Ø10 ; Ø8-150	13.84	28	387.52	kg	Rp 23,000.00	Rp 8,912,960.00
	- Bekisting	2.66	28	74.48	m ²	Rp 34,000.00	Rp 2,532,320.00
5	Balok 15/25						
	- Beton K-225	1.96	28	54.88	m ³	Rp 850,000.00	Rp 46,648,000.00
	- Besi 4Ø12 ; Ø8-150	158.38	28	4434.64	kg	Rp 15,000.00	Rp 66,519,600.00
	- Bekisting	26.08	28	730.24	m ²	Rp 34,000.00	Rp 24,828,160.00
6	Balok 15/20						
	- Beton K-225	0.28	28	7.84	m ³	Rp 850,000.00	Rp 6,664,000.00
	- Besi 4Ø12 ; Ø8-150	25.26	28	707.28	kg	Rp 17,000.00	Rp 12,023,760.00
	- Bekisting	3.70	28	103.6	m ²	Rp 34,000.00	Rp 3,522,400.00
7	Ring Balok 15/15						
	- Beton K-225	0.29	28	8.12	m ³	Rp 850,000.00	Rp 6,902,000.00
	- Besi 4Ø10 ; Ø8-150	30.88	28	864.64	kg	Rp 17,000.00	Rp 14,698,880.00
	- Bekisting	3.81	28	106.68	m ²	Rp 34,000.00	Rp 3,627,120.00
8	Plat Cor Talang T=10cm						
	- Beton K-225	0.42	28	11.76	m ³	Rp 850,000.00	Rp 9,996,000.00
	- Besi Ø8-150	50.58	28	1416.24	kg	Rp 17,000.00	Rp 24,076,080.00
	- Bekisting	4.18	28	117.04	m ²	Rp 34,000.00	Rp 3,979,360.00
9	Top Table Meja Dapur T=7cm						
	- Beton K-225	0.18	28	5.04	m ³	Rp 850,000.00	Rp 4,284,000.00
	- Besi Ø8-150	31.94	28	894.32	kg	Rp 17,000.00	Rp 15,203,440.00
	- Bekisting	2.64	28	73.92	m ²	Rp 34,000.00	Rp 2,513,280.00
10	Waterproofing Cor Talang Beton	4.18	28	117.04	m ²	Rp 80,000.00	Rp 9,363,200.00
V PEKERJAAN FINISHING							
1	Pekerjaan Pasang Dinding Bata	137.45	28	3848.6	m ²	Rp 110,000.00	Rp 423,346,000.00
2	Gewel	25.53	28	714.84	m ²	Rp 28,000.00	Rp 20,015,520.00
3	Pekerjaan Plesteran	162.98	28	4563.44	m ²	Rp 28,001.00	Rp 127,780,883.44
4	Pekerjaan Acian	162.98	28	4563.44	m ²	Rp 28,002.00	Rp 127,785,446.88
5	Pengecatan Dinding + Plamir	162.98	28	4563.44	m ²	Rp 28,003.00	Rp 127,790,010.32

6	Pekerjaan Plafond Gypsumboard 9mm + Rangka	27.10	28	758.8	m ²	Rp	150,000.00	Rp	113,820,000.00	
7	Pengecatan Plafond	27.10	28	758.8	m ²	Rp	30,000.00	Rp	22,764,000.00	
8	Pekerjaan Benangan	91.63	28	2565.64	m	Rp	10,000.00	Rp	25,656,400.00	
9	Pekerjaan Kusen Pintu & Jendela									
a	Pintu Jendela Depan (PJ-1)									
	- Sealent	3.60	28	100.8	m	Rp	20,000.00	Rp	2,016,000.00	
	- Aluminium 4" White Powder Coating	9.60	28	268.8	m	Rp	120,000.00	Rp	32,256,000.00	
	- Kaca T=5mm	0.90	28	25.2	m ²	Rp	150,000.00	Rp	3,780,000.00	
	- Slimar	6.96	28	194.88	m ²	Rp	40,000.00	Rp	7,795,200.00	
	- Engsel	2.00	28	56.00	Ea	Rp	40,000.00	Rp	2,240,000.00	
	- Pintu Panel Solid Ex. HMR, , 92x220cm	1.00	28	28.00	Ea	Rp	800,000.00	Rp	22,400,000.00	
b	Pintu Jendela Depan (PJ-2)									
	- Sealent	1.80	28	50.4	m	Rp	20,000.00	Rp	1,008,000.00	
	- Aluminium 4" White Powder Coating	6.62	28	185.36	m	Rp	120,000.00	Rp	22,243,200.00	
	- Kaca T=5mm	0.45	28	12.6	m ²	Rp	150,000.00	Rp	1,890,000.00	
	- Slimar	6.96	28	194.88	m ²	Rp	40,000.00	Rp	7,795,200.00	
	- Engsel	2.00	28	56.00	Ea	Rp	120,000.00	Rp	6,720,000.00	
	- Pintu Panel Solid Ex. HMR, , 82x220cm	1.00	28	28.00	Ea	Rp	800,000.00	Rp	22,400,000.00	
	- Handle Pintu Ex. Dekson	1.00	28	28.00	Ea	Rp	120,000.00	Rp	3,360,000.00	
c	Pintu Kamar Tidur									
	- Aluminium 4" White Powder Coating	8.08	28	226.24	m	Rp	120,000.00	Rp	27,148,800.00	
	- Pintu Panel Solid Ex. Aangzdoor, Finishing	2.00	28	56.00	Ea	Rp	800,000.00	Rp	44,800,000.00	
	- Engsel	4.00	28	112.00	Ea	Rp	40,000.00	Rp	4,480,000.00	
	- Handle Pintu Ex. Dekson	2.00	28	56.00	Ea	Rp	120,000.00	Rp	6,720,000.00	
d	Pintu Kamar Mandi									
	- Pintu Kamar Mandi Aluminium	1.00	28	28.00	Ea	Rp	900,000.00	Rp	25,200,000.00	
e	Jendela Kamar Tidur Type J-1									
	- Sealent	6.56	28	183.68	m	Rp	20,000.00	Rp	3,673,600.00	
	- Aluminium 4" White Powder Coating	12.70	28	355.6	m	Rp	120,000.00	Rp	42,672,000.00	
	- Kaca T=5mm	2.20	28	61.6	m ²	Rp	150,000.00	Rp	9,240,000.00	
	- Slimar	2.32	28	64.96	m ²	Rp	40,000.00	Rp	2,598,400.00	
	- Engsel	4.00	28	112.00	Ea	Rp	40,000.00	Rp	4,480,000.00	
	- Hak Angin / Sikutan	2.00	28	56.00	Ea	Rp	90,000.00	Rp	5,040,000.00	
f	Jendela Diatas R. Tamu Type J-2									
	- Sealent	16.00	28	448.00	m	Rp	20,000.00	Rp	8,960,000.00	
	- Aluminium 4" White Powder Coating	8.00	28	224.00	m	Rp	120,000.00	Rp	26,880,000.00	
	- Kaca T=5mm	1.92	28	53.76	m ²	Rp	150,000.00	Rp	8,064,000.00	
9	Pekerjaan Keramik									
	- Pekerjaan Rabatan Beton T=5cm 1 : 3 : 5	1.56	28	43.68	m ³	Rp	780,000.00	Rp	34,070,400.00	
	- Pekerjaan Granite Tile 60x60	25.50	28	714.00	m ²	Rp	150,000.00	Rp	107,100,000.00	
	- Pekerjaan Granite Teras 60x60	3.99	28	111.72	m ²	Rp	220,000.00	Rp	24,578,400.00	
	- Pekerjaan Keramik Lantai Km/Wc 25x25	1.65	28	46.2	m ²	Rp	170,000.00	Rp	7,854,000.00	
	- Pekerjaan Keramik Dinding Km/Wc 25x50	9.45	28	264.6	m ²	Rp	170,000.00	Rp	44,982,000.00	
	- Pekerjaan Granite Top Table 60x60	1.68	28	47.04	m ²	Rp	165,000.00	Rp	7,761,600.00	
	- Pekerjaan Keramik Dinding Meja Dapur	0.75	28	21.00	m ²	Rp	175,000.00	Rp	3,675,000.00	
10	Pekerjaan Camprot Dinding Depan Fin. Cat	7.42	28	207.76	m ²	Rp	80,000.00	Rp	16,620,800.00	
11	Pekerjaan Rabatan Beton halus Carport & Area	15.10	28	422.8	m ²	Rp	100,000.00	Rp	42,280,000.00	
VI	PEKERJAAN SANITASI									
1	Pemasangan Floor Drain	1.00	28	28.00	Ea	Rp	80,000.00	Rp	2,240,000.00	
2	Pemasangan Kran Air	2.00	28	56.00	Ea	Rp	75,000.00	Rp	4,200,000.00	
3	Pipa Air Bersih PVC Ø 3/4" AW	25.00	28	700.00	m	Rp	30,000.00	Rp	21,000,000.00	
4	Pipa Air Kotor PVC Ø 3" Type D	30.00	28	840.00	m	Rp	35,000.00	Rp	29,400,000.00	
5	Pipa Air Hujan PVC Ø 3" Type D	7.00	28	196.00	m	Rp	40,000.00	Rp	7,840,000.00	
6	Pipa Air Kotoran PVC Ø 4" Type D	15.00	28	420.00	m	Rp	60,000.00	Rp	25,200,000.00	
7	Septictank Buis Beton + Resapan	1.00	28	28.00	Ea	Rp	2,200,000.00	Rp	61,600,000.00	
8	Tandon Air 2m ³	1.00	28	28.00	Ea	Rp	2,500,000.00	Rp	70,000,000.00	
9	Tandon Profil Tank 550L	1.00	28	28.00	Ea	Rp	2,200,000.00	Rp	61,600,000.00	
10	Bak Kontrol	5.00	28	140.00	Ea	Rp	450,000.00	Rp	63,000,000.00	
11	Shower	1.00	28	28.00	Ea	Rp	500,000.00	Rp	14,000,000.00	
12	Kloset Duduk	1.00	28	28.00	Ea	Rp	1,650,000.00	Rp	46,200,000.00	
VII	PEKERJAAN INSTALASI LISTRIK									
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm + Junction	75.00	28	2100	m	Rp	25,000.00	Rp	52,500,000.00	
2	Kabel Instalasi titik Lampu Eterna Nym 2 x 1,5	50.00	28	1400	m	Rp	25,000.00	Rp	35,000,000.00	
3	Kabel Power Eterna Nym 3 x 4 mm	10.00	28	280.00	m	Rp	25,000.00	Rp	7,000,000.00	
4	Box MCB 4 Group Ex. Pressto	1.00	28	28.00	Ea	Rp	90,000.00	Rp	2,520,000.00	
5	MCB 6 A - 1300 KVA	1.00	28	28.00	Ea	Rp	350,000.00	Rp	9,800,000.00	
6	Pemasangan Stop Kontak Ex. Brocco	11.00	28	308.00	Ea	Rp	120,000.00	Rp	36,960,000.00	
7	Pemasangan Saklar Ganda Ex. Brocco	3.00	28	84.00	Ea	Rp	190,000.00	Rp	15,960,000.00	
8	Pemasangan Saklar Tunggal Ex. Brocco	3.00	28	84.00	Ea	Rp	190,000.00	Rp	15,960,000.00	
9	Pekerjaan Pemasangan Lampu Downlight 10 Watt	10.00	28	280.00	Ea	Rp	120,000.00	Rp	33,600,000.00	
10	Pekerjaan Pemasangan Lampu Hidden Lamp	10.00	28	280.00	m	Rp	30,000.00	Rp	8,400,000.00	
11	Pekerjaan Pemasangan Lampu Downlight Outbow	4.00	28	112.00	Ea	Rp	180,000.00	Rp	20,160,000.00	
VIII	PEKERJAAN ATAP									
1	Pekerjaan Rangka Galvalume C.0,75	35.41	28	991.48	m ²	Rp	90,000.00	Rp	89,233,200.00	
2	Pekerjaan Penutup Atap Genteng Beton	35.41	28	991.48	m ²	Rp	100,000.00	Rp	99,148,000.00	
3	Pekerjaan Wuwungan Beton	7.00	28	196.00	m	Rp	40,000.00	Rp	7,840,000.00	
4	Pekerjaan Lisplang	12.00	28	336.00	m	Rp	80,000.00	Rp	26,880,000.00	
TOTAL HARGA KESELURUHAN									Rp	3,886,068,140.64

Lampiran 3 Time Schedule

Task Name	Duration	Start	Finish	Predecessors
Schedule Proyek Pembangunan Cluster Javelin CSR new	824 days	Sat 12/04/25	Wed 01/12/27	
PEKERJAAN PERSIAPAN	21 days	Sat 12/04/25	Tue 06/05/25	
Pekerjaan Pengukuran & Bowplank	21 days	Sat 12/04/25	Tue 06/05/25	
PEKERJAAN TANAH		Wed 07/05/25	Sat 12/07/25	
Galian Pondasi	6 days	Sat 17/05/25	Fri 23/05/25	13
Urug Pasir Dibawah Pondasi	3 days	Sat 24/05/25	Tue 27/05/25	4
Urug Kembali + Pematatan	6 days	Wed 09/07/25	Tue 15/07/25	15
Pekerjaan Bor Strauspole Ø20cm - 3 meter	6 days	Wed 07/05/25	Tue 13/05/25	2
PEKERJAAN PONDASI		Sat 12/04/25	Mon 20/10/25	
Pile Cap Uk. 60x60x20	1 day	Sat 12/04/25	Sat 12/04/25	
- Beton K-225	4 days	Sat 24/05/25	Wed 28/05/25	11SS
- Besi Ø10-200	6 days	Sat 24/05/25	Fri 30/05/25	4
Pek. Strausspile D=20cm ; P=300cm	1 day	Sat 12/04/25	Sat 12/04/25	
- Beton K-225	3 days	Wed 14/05/25	Fri 16/05/25	14SS
- Besi 6Ø10 ; Ø8-150	5 days	Wed 14/05/25	Mon 19/05/25	7
Pekerjaan Pondasi Batu Kumpang	34 days	Thu 29/05/25	Tue 08/07/25	10
Pekerjaan Sloof 15/25	1 day	Sat 12/04/25	Sat 12/04/25	
- Beton K-225	17 days	Thu 18/09/25	Tue 07/10/25	19FS-50%
- Besi 4Ø12 ; 2Ø10 ; Ø8-150	84 days	Wed 16/07/25	Wed 22/10/25	6
- Bekisting	24 days	Wed 03/09/25	Wed 01/10/25	18FS-50%
PEKERJAAN STRUKTUR		Mon 06/10/25	Thu 24/12/26	
Kolom K1 15/15	1 day	Wed 08/10/25	Wed 08/10/25	23SS
- Beton K-225	12 days	Sat 10/01/26	Fri 23/01/26	24
- Besi 4Ø10 ; Ø8-150	50 days	Wed 08/10/25	Thu 04/12/25	17
- Bekisting	31 days	Fri 05/12/25	Fri 09/01/26	23
Kolom K2 15/30	1 day	Wed 08/10/25	Wed 08/10/25	27SS
- Beton K-225	7 days	Fri 21/11/25	Sat 29/11/25	28FS-50%
- Besi 4Ø12 ; 2Ø10 ; Ø8-150	30 days	Wed 08/10/25	Tue 11/11/25	23SS

- Bekisting	17 days	Wed 12/11/25	Mon 01/12/25	27
Balok 15/35	1 day	Sat 29/11/25	Mon 01/12/25	31SS
- Beton K-225	4 days	Fri 12/12/25	Tue 16/12/25	32FS-50%
- Besi 6Ø12 ; 4Ø10 ; Ø8-150	7 days	Sat 29/11/25	Mon 08/12/25	26
- Bekisting	7 days	Mon 08/12/25	Tue 16/12/25	31
Balok 15/25	1 day	Sat 29/11/25	Mon 01/12/25	35SS
- Beton K-225	19 days	Wed 28/01/26	Wed 18/02/26	36FS-50%
- Besi 4Ø12 ; Ø8-150	39 days	Sat 29/11/25	Wed 14/01/26	31SS
- Bekisting	23 days	Wed 14/01/26	Tue 10/02/26	35
Balok 15/20	1 day	Thu 19/02/26	Thu 19/02/26	39SS
- Beton K-225	5 days	Wed 11/03/26	Tue 17/03/26	40FS-50%
- Besi 4Ø12 ; Ø8-150	13 days	Thu 19/02/26	Thu 05/03/26	34
- Bekisting	9 days	Fri 06/03/26	Mon 16/03/26	39
Ring Balok 15/15	1 day	Wed 06/05/26	Thu 07/05/26	43SS
- Beton K-225	5 days	Sat 30/05/26	Thu 04/06/26	44FS-50%
- Besi 4Ø10 ; Ø8-150	16 days	Wed 06/05/26	Mon 25/05/26	55
- Bekisting	9 days	Mon 25/05/26	Thu 04/06/26	43
Plat Cor Talang T=10cm	1 day	Wed 28/10/26	Wed 28/10/26	47SS
- Beton K-225	7 days	Wed 02/12/26	Wed 09/12/26	48FS-50%
- Besi Ø8-150	25 days	Wed 28/10/26	Wed 25/11/26	136
- Bekisting	10 days	Thu 26/11/26	Mon 07/12/26	47
Top Table Meja Dapur T=7cm	1 day	Thu 10/12/26	Thu 10/12/26	51SS
- Beton K-225	3 days	Wed 06/01/27	Fri 08/01/27	52
- Besi Ø8-150	16 days	Thu 10/12/26	Mon 28/12/26	55
- Bekisting	7 days	Tue 29/12/26	Tue 05/01/27	51
Waterproofing Cor Talang Beton	5 days	Fri 11/12/26	Wed 16/12/26	46FS+1 day
PEKERJAAN FINISHING		Sat 12/04/25	Sat 25/09/27	
Pekerjaan Pasang Dinding Bata	43 days	Tue 17/03/26	Wed 06/05/26	38
Gewel	12 days	Wed 30/09/26	Tue 13/10/26	133
Pekerjaan Plesteran	19 days	Sat 06/02/27	Sat 27/02/27	55SS+14 days

Pekerjaan Acian	19 days	Wed 03/03/27	Wed 24/03/27	57SS+10 days
Pengecatan Dinding + Plamir	44 days	Sat 10/07/27	Mon 30/08/27	104
Pekerjaan Plafond Gypsumboard 9mm + Rangka Hollow	11 days	Wed 28/10/26	Mon 09/11/26	57
Pengecatan Plafond	23 days	Tue 10/11/26	Sat 05/12/26	60
Pekerjaan Benangan	37 days	Fri 05/06/26	Fri 17/07/26	58SS+2 days
Pekerjaan Kusen Pintu & Jendela	1 day	Sat 12/04/25	Sat 12/04/25	
Pintu Jendela Depan (PJ-1)	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	11 days	Mon 05/04/27	Fri 16/04/27	66
- Alumunium 4" White Powder Coating	9 days	Thu 25/03/27	Sat 03/04/27	58
- Kaca T=5mm	2 days	Sat 17/04/27	Mon 19/04/27	65
- Slimar	5 days	Tue 20/04/27	Sat 24/04/27	67
- Engsel	5 days	Mon 26/04/27	Fri 30/04/27	68
- Pintu Panel Solid Ex. HMR, , 92x220cm	6 days	Sat 01/05/27	Fri 07/05/27	69
Bitmap Pintu Jendela Depan (PJ-2)	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	6 days	Sat 15/05/27	Fri 21/05/27	73
- Alumunium 4" White Powder Coating	6 days	Sat 08/05/27	Fri 14/05/27	70
- Kaca T=5mm	1 day	Sat 22/05/27	Sat 22/05/27	72
- Slimar	5 days	Mon 24/05/27	Fri 28/05/27	74
- Engsel	5 days	Sat 29/05/27	Thu 03/06/27	75
- Pintu Panel Solid Ex. HMR, , 82x220cm	6 days	Fri 04/06/27	Thu 10/06/27	76
- Handle Pintu Ex. Dekson	7 days	Fri 11/06/27	Fri 18/06/27	77
Pintu Kamar Tidur	1 day	Sat 12/04/25	Sat 12/04/25	
- Alumunium 4" White Powder Coating	7 days	Sat 19/06/27	Sat 26/06/27	78
- Pintu Panel Solid Ex. Aangzdoor, Finishing original cat Duco , 82x220cm	12 days	Fri 02/07/27	Thu 15/07/27	82
- Engsel	4 days	Mon 28/06/27	Thu 01/07/27	80
- Handle Pintu Ex. Dekson	12 days	Fri 16/07/27	Thu 29/07/27	81
Pintu Kamar Mandi	1 day	Sat 12/04/25	Sat 12/04/25	
- Pintu Kamar Mandi Aluminium	3 days	Fri 30/07/27	Mon 02/08/27	83
Jendela Kamar Tidur Type J-1	1 day	Sat 12/04/25	Sat 12/04/25	

- Sealent	12 days	Mon 16/08/27	Sat 28/08/27	88
- Alumunium 4" White Powder Coating	11 days	Tue 03/08/27	Sat 14/08/27	85
- Kaca T=5mm	2 days	Mon 30/08/27	Tue 31/08/27	87
- Slimar	2 days	Wed 01/09/27	Thu 02/09/27	89
- Engsel	6 days	Fri 03/09/27	Thu 09/09/27	90
- Hak Angin / Sikutan	5 days	Fri 10/09/27	Wed 15/09/27	91
Jendela Diatas R. Tamu Type J-2	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	45 days	Wed 06/10/27	Fri 26/11/27	95
- Alumunium 4" White Powder Coating	17 days	Thu 16/09/27	Tue 05/10/27	92
- Kaca T=5mm	4 days	Sat 27/11/27	Wed 01/12/27	94
Pekerjaan Keramik	0 days	Sat 12/04/25	Sat 12/04/25	
- Pekerjaan Rabatan Beton T=5cm 1 : 3 : 5	22 days	Sat 03/04/27	Wed 28/04/27	106SS
- Pekerjaan Granite Tile 60x60	36 days	Tue 13/04/27	Mon 24/05/27	106
- Pekerjaan Granite Teras 60x60	7 days	Tue 13/04/27	Tue 20/04/27	99SS
- Pekerjaan Keramik Lantai Km/Wc 25x25	11 days	Wed 21/04/27	Mon 03/05/27	100
- Pekerjaan Keramik Dinding Km/Wc 25x50	47 days	Tue 04/05/27	Sat 26/06/27	101
- Pekerjaan Granite Top Table 60x60	4 days	Mon 28/06/27	Thu 01/07/27	102
- Pekerjaan Keramik Dinding Meja Dapur	7 days	Fri 02/07/27	Fri 09/07/27	103
Pekerjaan Camprot Dinding Depan Fin. Cat	8 days	Thu 25/03/27	Fri 02/04/27	58
Pekerjaan Rabatan Beton halus Carport & Area Belakang	8 days	Sat 03/04/27	Mon 12/04/27	105
PEKERJAAN SANITASI		Tue 13/10/26	Sat 10/07/27	
Pemasangan Floor Drain	2 days	Wed 14/07/27	Thu 15/07/27	119SS
Pemasangan Kran Air	3 days	Sat 10/07/27	Tue 13/07/27	118SS
Pipa Air Bersih PVC Ø 3/4" AW	5 days	Mon 28/12/26	Fri 01/01/27	117
Pipa Air Kotor PVC Ø 3" Type D	7 days	Mon 28/12/26	Mon 04/01/27	110SS
Pipa Air Hujan PVC Ø 3" Type D	2 days	Thu 31/12/26	Sat 02/01/27	111FS-50%
Pipa Air Kotoran PVC Ø 4" Type D	4 days	Thu 31/12/26	Tue 05/01/27	112SS
Septicktank Buis Beton + Resapan	14 days	Wed 28/10/26	Thu 12/11/26	136
Tando Air 2m3	6 days	Tue 05/01/27	Tue 12/01/27	113

Tandon Profil Tank 550L	6 days	Tue 05/01/27	Tue 12/01/27	115SS
Bak Kontrol	38 days	Fri 13/11/26	Sat 26/12/26	114
Shower	19 days	Sat 10/07/27	Sat 31/07/27	104
Kloset Duduk	7 days	Wed 14/07/27	Wed 21/07/27	109
PEKERJAAN INSTALASI LISTRIK		Fri 25/12/26	Mon 02/08/27	
Kebel Instalasi Nyy Eterna 2 x 2,5 mm + Junction Box	8 days	Tue 12/01/27	Thu 21/01/27	116
Kebel Instalasi titik Lampu Eterna Nym 2 x 1,5 mm	9 days	Thu 21/01/27	Mon 01/02/27	121
Kebel Power Eterna Nym 3 x 4 mm	2 days	Wed 27/01/27	Thu 28/01/27	122FS-50%
Box MCB 4 Group Ex. Pressto	7 days	Fri 29/01/27	Fri 05/02/27	123
MCB 6 A - 1300 KvA	7 days	Fri 29/01/27	Fri 05/02/27	124SS
Pemasangan Stop Kontak Ex. Brocco	22 days	Fri 16/07/27	Tue 10/08/27	108
Pemasangan Saklar Ganda Ex. Brocco	1 day	Wed 11/08/27	Wed 11/08/27	126
Pemasangan Saklar Tunggal Ex. Brocco	1 day	Wed 11/08/27	Wed 11/08/27	127SS
Pekerjaan Pemasangan Lampu Downlight 10 Watt Ex. Panasonic	5 days	Thu 12/08/27	Tue 17/08/27	128
Pekerjaan Pemasangan Lampu Hidden Lamp	5 days	Wed 18/08/27	Mon 23/08/27	129
Pekerjaan Pemasangan Lampu Downlight Outbow 10 Watt Ex. Panasonic	3 days	Thu 12/08/27	Sat 14/08/27	129SS
PEKERJAAN ATAP		Sat 11/07/26	Mon 12/10/26	
Pekerjaan Rangka Galvalume C.0,75	63 days	Sat 18/07/26	Tue 29/09/26	62
Pekerjaan Penutup Atap Genteng Beton	12 days	Thu 01/10/26	Wed 14/10/26	133FS+1 day
Pekerjaan Wuwungan Beton	4 days	Thu 15/10/26	Mon 19/10/26	134
Pekerjaan Lisplang	7 days	Tue 20/10/26	Tue 27/10/26	135

Lampiran 4 Produktivitas Percepatan

PENAMBAHAN JAM LEMBUR							
No.	Uraian Pekerjaan	Jumlah Pekerja	Produktivitas	Produktivitas Per-jam	Efisiensi	Jam Lembur	Produktivitas Setelah Crashing
I	PEKERJAAN PERSIAPAN						
1	Pekerjaan Pengukuran & Bowplank	10	8.33	10.00	70%	3.00	29.33
II	PEKERJAAN TANAH						
1	Galian Pondasi	10	2.00	2.48	70%	3.00	7.21
2	Pekerjaan Bor Strauspile Ø20cm - 3	4	14.93	7.00	70%	3.00	29.63
III	PEKERJAAN STRUKTUR						
1	Kolom K2 15/30						
	- Beton K-225	5	0.61	0.36	70%	3.00	1.36
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	8	14.29	14.01	70%	3.00	43.71
	- Bekisting	7	4.00	3.34	70%	3.00	11.00
2	Balok 15/25						
	- Beton K-225	5	0.61	0.36	70%	3.00	1.36
	- Besi 4Ø12 ; Ø8-150	8	14.29	14.21	70%	3.00	44.13
	- Bekisting	8	4.00	3.97	70%	3.00	12.33
3	Balok 15/20						
	- Beton K-225	3	0.61	0.20	70%	3.00	1.02
	- Besi 4Ø12 ; Ø8-150	4	14.29	6.80	70%	3.00	28.57
	- Bekisting	3	4.00	1.44	70%	3.00	7.02
4	Ring Balok 15/15						
	- Beton K-225	3	0.61	0.20	70%	3.00	1.03
	- Besi 4Ø10 ; Ø8-150	4	14.29	6.76	70%	3.00	28.47
	- Bekisting	3	4.00	1.48	70%	3.00	7.11

V	PEKERJAAN FINISHING						
1	Pekerjaan Pasang Dinding Bata	15	5.99	11.19	70%	3.00	29.48
2	Pekerjaan Plesteran	5	50.00	30.02	70%	3.00	113.05
3	Pekerjaan Acian	5	50.00	30.02	70%	3.00	113.05
a	Pintu Jendela Depan (PJ-2)						
	- Sealent	3	3.33	1.05	70%	3.00	5.54
	- Alumunium 4" White Powder	5	6.67	3.86	70%	3.00	14.78
	- Slimar	2	20.00	4.87	70%	3.00	30.23
	- Engsel	2	6.67	1.40	70%	3.00	9.61
	- Pintu Panel Solid Ex. HMR, ,	5	1.00	0.58	70%	3.00	2.23
	- Handle Pintu Ex. Dekson	4	1.00	0.50	70%	3.00	2.05
b	Pintu Kamar Tidur						
	- Alumunium 4" White Powder	5	6.67	4.04	70%	3.00	15.15
	- Pintu Panel Solid Ex.	5	1.00	0.58	70%	3.00	2.23
	- Engsel	5	6.67	3.50	70%	3.00	14.02
	- Handle Pintu Ex. Dekson	5	1.00	0.58	70%	3.00	2.23
c	Pintu Kamar Mandi						
	- Pintu Kamar Mandi Aluminium	1	11.76	1.17	70%	3.00	14.21
d	Jendela Kamar Tidur Type J-1						
	- Sealent	5	3.33	1.91	70%	3.00	7.35
	- Alumunium 4" White Powder	5	6.67	4.04	70%	3.00	15.15
	- Kaca T=5mm	5	8.33	3.85	70%	3.00	16.42
	- Slimar	3	20.00	4.06	70%	3.00	28.53
	- Engsel	3	6.67	2.33	70%	3.00	11.57
	- Hak Angin / Sikutan	2	6.67	1.40	70%	3.00	9.61

V	PEKERJAAN SANITASI						
1	Septicktank Buis Beton + Resapan	8	0.25	0.25	70%	3.00	0.78
2	Tandon Air 2m3	4	1.33	0.58	70%	3.00	2.56
3	Tandon Profil Tank 550L	4	1.33	0.58	70%	3.00	2.56
4	Bak Kontrol	8	0.46	0.46	70%	3.00	1.43
VI	PEKERJAAN INSTALASI LISTRIK						
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm + Junction	7	41.67	32.81	70%	3.00	110.57
2	Kabel Instalasi titik Lampu Eterna Nym 2 x 1,5	4	41.67	19.44	70%	3.00	82.50
3	Kabel Power Eterna Nym 3 x 4 mm	5	34.48	17.50	70%	3.00	71.23
4	Box MCB 4 Group Ex. Pressto	4	1.00	0.50	70%	3.00	2.05
5	MCB 6 A - 1300 KvA	4	1.00	0.50	70%	3.00	2.05
VII	PEKERJAAN ATAP						
1	Pekerjaan Rangka Galvalume C.0,75	12	1.32	1.97	70%	3.00	5.45
2	Pekerjaan Penutup Atap Genteng Beton	5	16.67	10.33	70%	3.00	38.36
3	Pekerjaan Wuwungan Beton	5	10.00	6.13	70%	3.00	22.86
4	Pekerjaan Lisplang	5	10.00	6.00	70%	3.00	22.60

PENAMBAHAN TENAGA KERJA						
No.	Uraian Pekerjaan	Jumlah Pekerja	Produktivitas	Produktivitas	Penambahan Tenaga Kerja	Produktivitas Setelah Crashing
				(hari)		
I	PEKERJAAN PERSIAPAN					
1	Pekerjaan Pengukuran & Bowplank	10	8.33	80.00	3	248.33
II	PEKERJAAN TANAH					
1	Galian Pondasi	10	2.00	19.83	2	41.67
2	Pekerjaan Bor Strauspile Ø20cm - 3 meter	4	14.93	56.00	2	126.93
III	PEKERJAAN STRUKTUR					
1	Kolom K2 15/30					
	- Beton K-225	5	0.61	2.88	3	9.25
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	8	14.29	112.09	3	350.57
	- Bekisting	7	4.00	26.68	3	84.05
2	Balok 15/25					
	- Beton K-225	5	0.61	2.89	3	9.27
	- Besi 4Ø12 ; Ø8-150	8	14.29	113.71	4	469.12
	- Bekisting	8	4.00	31.75	3	99.25
3	Balok 15/20					
	- Beton K-225	3	0.61	1.57	3	5.31
	- Besi 4Ø12 ; Ø8-150	4	14.29	54.41	3	177.50
	- Bekisting	3	4.00	11.51	3	38.53
4	Ring Balok 15/15					
	- Beton K-225	3	0.61	1.62	2	3.85
	- Besi 4Ø10 ; Ø8-150	4	14.29	54.04	4	230.45
	- Bekisting	3	4.00	11.85	3	39.56
IV	PEKERJAAN FINISHING					
1	Pekerjaan Pasang Dinding Bata	15	5.99	89.50	4	363.997
2	Pekerjaan Plesteran	5	50.00	240.18	4	1010.72
3	Pekerjaan Acian	5	50.00	240.18	4	1010.72
a	Pintu Jendela Depan (PJ-2)					
	- Sealent	3	3.33	8.40	2	20.13
	- Alumunium 4" White Powder Coating	5	6.67	30.89	2	68.45
	- Slimar	2	20.00	38.98	2	97.95
	- Engsel	2	6.67	11.20	2	29.07
	- Pintu Panel Solid Ex. HMR, , 82x220cm	5	1.00	4.67	2	10.33
	- Handle Pintu Ex. Dekson	4	1.00	4.00	2	9.00

b	Pintu Kamar Tidur					
	- Alumunium 4" White Powder Coating	5	6.67	32.320	2	71.307
	- Pintu Panel Solid Ex. Aangzdoor, Finishing original cat Duco , 82x220cm	5	1.00	4.667	2	10.333
	- Engsel	5	6.67	28.000	2	62.667
	- Handle Pintu Ex. Dekson	5	1.00	4.667	2	10.333
c	Pintu Kamar Mandi					
	- Pintu Kamar Mandi Aluminium	1	11.76	9.333	2	30.431
d	Jendela Kamar Tidur Type J-1					
	- Sealent	5	3.33	15.307	2	33.947
	- Alumunium 4" White Powder Coating	5	6.67	32.327	2	71.321
	- Kaca T=5mm	5	8.33	30.800	2	69.933
	- Slimar	3	20.00	32.480	2	84.960
	- Engsel	3	6.67	18.667	2	44.000
	- Hak Angin / Sikutan	2	6.67	11.200	2	29.067
V	PEKERJAAN SANITASI					
1	Septicktank Buis Beton + Resapan	8	0.25	2.000	5	10.250
2	Tandon Air 2m3	4	1.33	4.667	2	10.667
3	Tandon Profil Tank 550L	4	1.33	4.667	2	10.667
4	Bak Kontrol	8	0.46	3.684	4	15.200
VI	PEKERJAAN INSTALASI LISTRIK					
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm + Juction Box	7	41.67	262.500	2	566.667
2	Kabel Instalasi titik Lampu Eterna Nym 2 x 1,5 mm	4	41.67	155.556	2	352.778
3	Kabel Power Eterna Nym 3 x 4 mm	5	34.48	140.000	1	174.483
4	Box MCB 4 Group Ex. Pressto	4	1.00	4.000	2	9.000
5	MCB 6 A - 1300 KvA	4	1.00	4.000	2	9.000
VII	PEKERJAAN ATAP					
1	Pekerjaan Rangka Galvalume C.0,75	12	1.32	15.738	4	64.267
2	Pekerjaan Penutup Atap Genteng Beton	5	16.67	82.623	2	181.913
3	Pekerjaan Wuwungan Beton	5	10.00	49.000	1	59.000
4	Pekerjaan Lisplang	5	10.00	48.000	1	58.000

Lampiran 5 Crash Duration

CRASH DURATION PENAMBAHAN JAM LEMBUR						
No	Uraian Pekerjaan	Volume	Satuan	Duration	Produktivitas Setelah Crashing	Crash Duration Jam Lembur
I	PEKERJAAN PERSIAPAN					
1	Pekerjaan Pengukuran & Bowplank	1680.00	m ²	21	29.33	15
II	PEKERJAAN TANAH					
1	Galian Pondasi	119.00	m ³	6	7.21	4
2	Pekerjaan Bor Strauspile Ø20cm - 3	336.00	m ¹	6	29.63	4
III	PEKERJAAN STRUKTUR					
1	Kolom K2 15/30					
	- Beton K-225	20.16	m ³	7	1.36	5
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	3362.80	kg	30	43.71	22
	- Bekisting	453.60	m ²	17	11.00	12
2	Balok 15/25					
	- Beton K-225	54.88	m ³	19	1.36	13
	- Besi 4Ø12 ; Ø8-150	4434.64	kg	39	44.13	28
	- Bekisting	730.24	m ²	23	12.33	17
3	Balok 15/20					
	- Beton K-225	7.84	m ³	5	1.02	3
	- Besi 4Ø12 ; Ø8-150	707.28	kg	13	28.57	9
	- Bekisting	103.60	m ²	9	7.02	6
4	Ring Balok 15/15					
	- Beton K-225	8.12	m ³	5	1.03	3
	- Besi 4Ø10 ; Ø8-150	864.64	kg	16	28.47	10
	- Bekisting	106.68	m ²	9	7.11	6
IV	PEKERJAAN FINISHING					
1	Pekerjaan Pasang Dinding Bata	3848.60	m ²	43	29.48	32
2	Pekerjaan Plesteran	4563.44	m ²	19	113.05	13
3	Pekerjaan Acian	4563.44	m ²	19	113.05	13
a	Pintu Jendela Depan (PJ-2)					
	- Sealent	50.40	m	6	5.54	4
	- Aluminium 4" White Powder	185.36	m	6	14.78	4
	- Slimar	194.88	m ²	5	30.23	3
	- Engsel	56.00	Ea	5	9.61	3
	- Pintu Panel Solid Ex. HMR, ,	28.00	Ea	6	2.23	4
	- Handle Pintu Ex. Dekson	28.00	Ea	7	2.05	5
b	Pintu Kamar Tidur					
	- Aluminium 4" White Powder	226.24	m	7	15.15	5
	- Pintu Panel Solid Ex. Aangzdoor,	56.00	Ea	12	2.23	8
	- Engsel	112.00	Ea	4	14.02	3
	- Handle Pintu Ex. Dekson	56.00	Ea	12	2.23	8
c	Pintu Kamar Mandi					
	- Pintu Kamar Mandi Aluminium	28.00	Ea	3	14.21	1
d	Jendela Kamar Tidur Type J-1					
	- Sealent	183.68	m	12	7.35	8
	- Aluminium 4" White Powder	355.60	m	11	15.15	7
	- Kaca T=5mm	61.60	m ²	2	16.42	1
	- Slimar	64.96	m ²	2	28.53	1
	- Engsel	112.00	Ea	6	11.57	4
	- Hak Angin / Sikutan	56.00	Ea	5	9.61	3
V	PEKERJAAN SANITASI					
1	Septicktank Buis Beton + Resapan	28.00	Ea	14	0.78	10
2	Tandon Air 2m3	28.00	Ea	6	2.56	4
3	Tandon Profil Tank 550L	28.00	Ea	6	2.56	4
4	Bak Kontrol	140.00	Ea	38	1.43	27
VI	PEKERJAAN INSTALASI LISTRIK					
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm	2100.00	m	8	110.57	6
2	Kabel Instalasi titik Lampu Eterna Nym	1400.00	m	9	82.50	6
3	Kabel Power Eterna Nym 3 x 4 mm	280.00	m	2	71.23	1
4	Box MCB 4 Group Ex. Pressto	28.00	Ea	7	2.05	5
5	MCB 6 A - 1300 KvA	28.00	Ea	7	2.05	5
VII	PEKERJAAN ATAP					
1	Pekerjaan Rangka Galvalume C.0,75	991.48	m ²	63	5.45	47
2	Pekerjaan Penutup Atap Genteng Beton	991.48	m ²	12	38.36	8
3	Pekerjaan Wuwungan Beton	196.00	m	4	22.86	3
4	Pekerjaan Lisplang	336.00	m	7	22.60	5

CRASH DURATION PENAMBAHAN TENAGA KERJA						
No	Uraian Pekerjaan	Volume	Satuan	Duration	Produktivitas Setelah Crashing	Crash Duration Tenaga Kerja
I	PEKERJAAN PERSIAPAN					
1	Pekerjaan Pengukuran & Bowplank	1680.00	m ²	21	248.33	7
II	PEKERJAAN TANAH					
1	Galian Pondasi	119.00	m ³	6	41.67	3
2	Pekerjaan Bor Strauspile Ø20cm - 3	336.00	m ¹	6	126.93	3
III	PEKERJAAN STRUKTUR					
1	Kolom K2 15/30					
	- Beton K-225	20.16	m ³	7	9.25	2
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	3362.80	kg	30	350.57	10
	- Bekisting	453.60	m ²	17	84.05	5
2	Balok 15/25					
	- Beton K-225	54.88	m ³	19	9.27	6
	- Besi 4Ø12 ; Ø8-150	4434.64	kg	39	469.12	9
	- Bekisting	730.24	m ²	23	99.25	7
3	Balok 15/20					
	- Beton K-225	7.84	m ³	5	5.31	1
	- Besi 4Ø12 ; Ø8-150	707.28	kg	13	177.50	4
	- Bekisting	103.60	m ²	9	38.53	3
4	Ring Balok 15/15					
	- Beton K-225	8.12	m ³	5	3.85	2
	- Besi 4Ø10 ; Ø8-150	864.64	kg	16	230.45	4
	- Bekisting	106.68	m ²	9	39.56	3
IV	PEKERJAAN FINISHING					
1	Pekerjaan Pasang Dinding Bata	3848.60	m ²	43	364.00	11
2	Pekerjaan Plesteran	4563.44	m ²	19	1010.72	5
3	Pekerjaan Acian	4563.44	m ²	19	1010.72	5
a	Pintu Jendela Depan (PJ-2)					
	- Sealent	50.40	m	6	20.13	3
	- Aluminium 4" White Powder	185.36	m	6	68.45	3
	- Slimar	194.88	m ²	5	97.95	2
	- Engsel	56.00	Ea	5	29.07	2
	- Pintu Panel Solid Ex. HMR, .	28.00	Ea	6	10.33	3
	- Handle Pintu Ex. Dekson	28.00	Ea	7	9.00	3
b	Pintu Kamar Tidur					
	- Aluminium 4" White Powder	226.24	m	7	71.31	3
	- Pintu Panel Solid Ex. Aangzdoor,	56.00	Ea	12	10.33	5
	- Engsel	112.00	Ea	4	62.67	2
	- Handle Pintu Ex. Dekson	56.00	Ea	12	10.33	5
c	Pintu Kamar Mandi					
	- Pintu Kamar Mandi Aluminium	28.00	Ea	3	30.43	1
d	Jendela Kamar Tidur Type J-1					
	- Sealent	183.68	m	12	33.95	5
	- Aluminium 4" White Powder	355.60	m	11	71.32	5
	- Kaca T=5mm	61.60	m ²	2	69.93	1
	- Slimar	64.96	m ²	2	84.96	1
	- Engsel	112.00	Ea	6	44.00	3
	- Hak Angin / Sikutan	56.00	Ea	5	29.07	2
V	PEKERJAAN SANITASI					
1	Septicktank Buis Beton + Resapan	28.00	Ea	14	10.25	3
2	Tandon Air 2m3	28.00	Ea	6	10.67	3
3	Tandon Profil Tank 550L	28.00	Ea	6	10.67	3
4	Bak Kontrol	140.00	Ea	38	15.20	9
VI	PEKERJAAN INSTALASI LISTRIK					
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm	2100.00	m	8	566.67	4
2	Kabel Instalasi titik Lampu Eterna Nym	1400.00	m	9	352.78	4
3	Kabel Power Eterna Nym 3 x 4 mm	280.00	m	2	174.48	2
4	Box MCB 4 Group Ex. Pressto	28.00	Ea	7	9.00	3
5	MCB 6 A - 1300 KvA	28.00	Ea	7	9.00	3
VII	PEKERJAAN ATAP					
1	Pekerjaan Rangka Galvalume C.0,75	991.48	m ²	63	64.27	15
2	Pekerjaan Penutup Atap Genteng Beton	991.48	m ²	12	181.91	5
3	Pekerjaan Wuwungan Beton	196.00	m	4	59.00	3
4	Pekerjaan Lisplang	336.00	m	7	58.00	6

Lampiran 6 Crash Cost

CRASH COST PENAMBAHAN JAM LEMBUR										
No.	Uraian Pekerjaan	Volume	Satuan	Normal Cost	Gaji Pekerja Perjam	Tenaga Kerja	Jam Lembur	Crash Duration	Crash Cost	Hasil Crash Cost
I	PEKERJAAN PERSIAPAN									
1	Pekerjaan Pengukuran & Bowplank	1680.00	m ²	Rp 436,800,000.00	Rp 18,125.00	3	3.00	15	Rp 2,506,554.88	Rp 439,306,554.88
II	PEKERJAAN TANAH									
1	Galian Pondasi	119.00	m ³	Rp 27,370,000.00	Rp 18,125.00	2	3.00	4	Rp 478,603.90	Rp 27,848,603.90
2	Pekerjaan Bor Strauspile Ø20cm - 3	336.00	m ¹	Rp 43,680,000.00	Rp 18,125.00	2	3.00	4	Rp 426,742.67	Rp 44,106,742.67
III	PEKERJAAN STRUKTUR									
1	Kolom K2 15/30									
	- Beton K-225	20.16	m ³	Rp 17,136,000.00	Rp 18,125.00	3	3.00	5	Rp 775,236.45	Rp 17,911,236.45
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	3362.80	kg	Rp 50,442,000.00	Rp 18,125.00	3	3.00	22	Rp 3,520,823.23	Rp 53,962,823.23
	- Bekisting	453.60	m ²	Rp 15,422,400.00	Rp 18,125.00	3	3.00	12	Rp 1,963,396.91	Rp 17,385,796.91
2	Balok 15/25									
	- Beton K-225	54.88	m ³	Rp 46,648,000.00	Rp 18,125.00	3	3.00	13	Rp 2,105,090.05	Rp 48,753,090.05
	- Besi 4Ø12 ; Ø8-150	4434.64	kg	Rp 66,519,600.00	Rp 18,125.00	4	3.00	28	Rp 6,110,720.01	Rp 72,630,320.01
	- Bekisting	730.24	m ²	Rp 24,828,160.00	Rp 18,125.00	3	3.00	17	Rp 2,702,133.88	Rp 27,530,293.88
3	Balok 15/20									
	- Beton K-225	7.84	m ³	Rp 6,664,000.00	Rp 18,125.00	3	3.00	3	Rp 494,612.48	Rp 7,158,612.48
	- Besi 4Ø12 ; Ø8-150	707.28	kg	Rp 12,023,760.00	Rp 18,125.00	3	3.00	9	Rp 1,390,505.08	Rp 13,414,265.08
	- Bekisting	103.60	m ²	Rp 3,522,400.00	Rp 18,125.00	3	3.00	6	Rp 911,884.35	Rp 4,434,284.35
4	Ring Balok 15/15									
	- Beton K-225	8.12	m ³	Rp 6,902,000.00	Rp 18,125.00	2	3.00	3	Rp 332,428.51	Rp 7,234,428.51
	- Besi 4Ø10 ; Ø8-150	864.64	kg	Rp 14,698,880.00	Rp 18,125.00	4	3.00	10	Rp 2,279,195.64	Rp 16,978,075.64
	- Bekisting	106.68	m ²	Rp 3,627,120.00	Rp 18,125.00	3	3.00	6	Rp 917,602.32	Rp 4,544,722.32
IV	PEKERJAAN FINISHING									
1	Pekerjaan Pasang Dinding Bata	3848.60	m ²	Rp 423,346,000.00	Rp 18,125.00	4	3.00	32	Rp 7,035,109.81	Rp 430,381,109.81
2	Pekerjaan Plesteran	4563.44	m ²	Rp 127,780,883.44	Rp 18,125.00	4	3.00	13	Rp 2,809,931.75	Rp 130,590,815.19
3	Pekerjaan Acian	4563.44	m ²	Rp 127,785,446.88	Rp 18,125.00	4	3.00	13	Rp 2,809,931.75	Rp 130,595,378.63
a	Pintu Jendela Depan (PJ-2)									
	- Sealent	50.40	m	Rp 1,008,000.00	Rp 18,125.00	2	3.00	4	Rp 393,232.09	Rp 1,401,232.09
	- Alumunium 4" White Powder	185.36	m	Rp 22,243,200.00	Rp 18,125.00	2	3.00	4	Rp 441,386.48	Rp 22,684,586.48
	- Slimar	194.88	m ²	Rp 7,795,200.00	Rp 18,125.00	2	3.00	3	Rp 306,228.25	Rp 8,101,428.25
	- Engsel	56.00	Ea	Rp 6,720,000.00	Rp 18,125.00	2	3.00	3	Rp 292,694.65	Rp 7,012,694.65
	- Pintu Panel Solid Ex. HMR, ,	28.00	Ea	Rp 22,400,000.00	Rp 18,125.00	2	3.00	4	Rp 441,837.97	Rp 22,841,837.97
	- Handle Pintu Ex. Dekson	28.00	Ea	Rp 3,360,000.00	Rp 18,125.00	2	3.00	5	Rp 503,305.79	Rp 3,863,305.79

b	Pintu Kamar Tidur									
	- Aluminium 4" White Powder	226.24	m	Rp 27,148,800.00	Rp 18,125.00	2	3.00	5	Rp 518,290.59	Rp 27,667,090.59
	- Pintu Panel Solid Ex. Aangzdoor,	56.00	Ea	Rp 44,800,000.00	Rp 18,125.00	2	3.00	8	Rp 883,675.94	Rp 45,683,675.94
	- Engsel	112.00	Ea	Rp 4,480,000.00	Rp 18,125.00	2	3.00	3	Rp 289,884.97	Rp 4,769,884.97
	- Handle Pintu Ex. Dekson	56.00	Ea	Rp 6,720,000.00	Rp 18,125.00	2	3.00	8	Rp 883,675.94	Rp 7,603,675.94
c	Pintu Kamar Mandi									
	- Pintu Kamar Mandi Aluminium	28.00	Ea	Rp 25,200,000.00	Rp 18,125.00	2	3.00	1	Rp 129,310.13	Rp 25,329,310.13
d	Jendela Kamar Tidur Type J-1									
	- Sealent	183.68	m	Rp 3,673,600.00	Rp 18,125.00	2	3.00	8	Rp 881,595.90	Rp 4,555,195.90
	- Aluminium 4" White Powder	355.60	m	Rp 42,672,000.00	Rp 18,125.00	2	3.00	7	Rp 814,482.38	Rp 43,486,482.38
	- Kaca T=5mm	61.60	m ²	Rp 9,240,000.00	Rp 18,125.00	2	3.00	1	Rp 141,872.86	Rp 9,381,872.86
	- Slimar	64.96	m ²	Rp 2,598,400.00	Rp 18,125.00	2	3.00	1	Rp 115,798.45	Rp 2,714,198.45
	- Engsel	112.00	Ea	Rp 4,480,000.00	Rp 18,125.00	2	3.00	4	Rp 402,866.59	Rp 4,882,866.59
	- Hak Angin / Sikutan	56.00	Ea	Rp 5,040,000.00	Rp 18,125.00	2	3.00	3	Rp 292,694.65	Rp 5,332,694.65
V	PEKERJAAN SANITASI									
1	Septicktank Buis Beton + Resapan	28.00	Ea	Rp 61,600,000.00	Rp 18,125.00	5	3.00	10	Rp 2,743,243.24	Rp 64,343,243.24
2	Tandon Air 2m3	28.00	Ea	Rp 70,000,000.00	Rp 18,125.00	2	3.00	4	Rp 421,453.29	Rp 70,421,453.29
3	Tandon Profil Tank 550L	28.00	Ea	Rp 61,600,000.00	Rp 18,125.00	2	3.00	4	Rp 421,453.29	Rp 62,021,453.29
4	Bak Kontrol	140.00	Ea	Rp 63,000,000.00	Rp 18,125.00	4	3.00	27	Rp 5,953,918.72	Rp 68,953,918.72
VI	PEKERJAAN INSTALASI LISTRIK									
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm	2100.00	m	Rp 52,500,000.00	Rp 18,125.00	2	3.00	6	Rp 612,145.75	Rp 53,112,145.75
2	Kabel Instalasi titik Lampu Eterna Nym	1400.00	m	Rp 35,000,000.00	Rp 18,125.00	2	3.00	6	Rp 639,556.59	Rp 35,639,556.59
3	Kabel Power Eterna Nym 3 x 4 mm	280.00	m	Rp 7,000,000.00	Rp 18,125.00	1	3.00	1	Rp 72,076.89	Rp 7,072,076.89
4	Box MCB 4 Group Ex. Pressto	28.00	Ea	Rp 2,520,000.00	Rp 18,125.00	2	3.00	5	Rp 503,305.79	Rp 3,023,305.79
5	MCB 6 A - 1300 Kva	28.00	Ea	Rp 9,800,000.00	Rp 18,125.00	2	3.00	5	Rp 503,305.79	Rp 10,303,305.79
VII	PEKERJAAN ATAP									
1	Pekerjaan Rangka Galvalume C.0,75	991.48	m ²	Rp 89,233,200.00	Rp 18,125.00	4	3.00	47	Rp 10,179,353.72	Rp 99,412,553.72
2	Pekerjaan Penutup Atap Genteng Beton	991.48	m ²	Rp 99,148,000.00	Rp 18,125.00	2	3.00	8	Rp 891,260.34	Rp 100,039,260.34
3	Pekerjaan Wuwungan Beton	196.00	m	Rp 7,840,000.00	Rp 18,125.00	1	3.00	3	Rp 148,304.05	Rp 7,988,304.05
4	Pekerjaan Lisplang	336.00	m	Rp 26,880,000.00	Rp 18,125.00	1	3.00	5	Rp 258,781.87	Rp 27,138,781.87

CRASH COST PENAMBAHAN JAM LEMBUR

No.	Uraian Pekerjaan	Volume	Satuan	Normal Cost	Penambahan Tenaga Kerja	Gaji Pekerja (Hari)	Crash Duration Tenaga Kerja	Crash Cost	Hasil Crash Cost
I	PEKERJAAN PERSIAPAN								
1	Pekerjaan Pengukuran & Bowplank	1680.00	m ²	Rp 436,800,000.00	3	Rp 145,000.00	7	Rp 2,942,818.79	Rp 439,742,818.79
II	PEKERJAAN TANAH								
1	Galian Pondasi	119.00	m ³	Rp 27,370,000.00	2	Rp 145,000.00	3	Rp 828,240.00	Rp 28,198,240.00
2	Pekerjaan Bor Strauspile Ø20cm - 3	336.00	m ¹	Rp 43,680,000.00	2	Rp 145,000.00	3	Rp 767,695.20	Rp 44,447,695.20
III	PEKERJAAN STRUKTUR								
1	Kolom K2 15/30								
	- Beton K-225	20.16	m ³	Rp 17,136,000.00	3	Rp 145,000.00	2	Rp 948,468.80	Rp 18,084,468.80
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	3362.80	kg	Rp 50,442,000.00	3	Rp 145,000.00	10	Rp 4,172,735.50	Rp 54,614,735.50
	- Bekisting	453.60	m ²	Rp 15,422,400.00	3	Rp 145,000.00	5	Rp 2,347,684.77	Rp 17,770,084.77
2	Balok 15/25								
	- Beton K-225	54.88	m ³	Rp 46,648,000.00	3	Rp 145,000.00	6	Rp 2,574,907.38	Rp 49,222,907.38
	- Besi 4Ø12 ; Ø8-150	4434.64	kg	Rp 66,519,600.00	4	Rp 145,000.00	9	Rp 5,482,793.29	Rp 72,002,393.29
	- Bekisting	730.24	m ²	Rp 24,828,160.00	3	Rp 145,000.00	7	Rp 3,200,590.17	Rp 28,028,750.17
3	Balok 15/20								
	- Beton K-225	7.84	m ³	Rp 6,664,000.00	3	Rp 145,000.00	1	Rp 642,252.56	Rp 7,306,252.56
	- Besi 4Ø12 ; Ø8-150	707.28	kg	Rp 12,023,760.00	3	Rp 145,000.00	4	Rp 1,733,293.31	Rp 13,757,053.31
	- Bekisting	103.60	m ²	Rp 3,522,400.00	3	Rp 145,000.00	3	Rp 1,169,532.87	Rp 4,691,932.87
4	Ring Balok 15/15								
	- Beton K-225	8.12	m ³	Rp 6,902,000.00	2	Rp 145,000.00	2	Rp 610,991.95	Rp 7,512,991.95
	- Besi 4Ø10 ; Ø8-150	864.64	kg	Rp 14,698,880.00	4	Rp 145,000.00	4	Rp 2,176,179.33	Rp 16,875,059.33
	- Bekisting	106.68	m ²	Rp 3,627,120.00	3	Rp 145,000.00	3	Rp 1,173,048.53	Rp 4,800,168.53
IV	PEKERJAAN FINISHING								
1	Pekerjaan Pasang Dinding Bata	3848.60	m ²	Rp 423,346,000.00	4	Rp 145,000.00	11	Rp 6,132,429.66	Rp 429,478,429.66
2	Pekerjaan Plesteran	4563.44	m ²	Rp 127,780,883.44	4	Rp 145,000.00	5	Rp 2,618,711.59	Rp 130,399,595.03
3	Pekerjaan Acian	4563.44	m ²	Rp 127,785,446.88	4	Rp 145,000.00	5	Rp 2,618,711.59	Rp 130,404,158.47
a	Pintu Jendela Depan (PJ-2)								
	- Sealent	50.40	m	Rp 1,008,000.00	2	Rp 145,000.00	3	Rp 725,960.26	Rp 1,733,960.26
	- Aluminium 4" White Powder Coating	185.36	m	Rp 22,243,200.00	2	Rp 145,000.00	3	Rp 785,270.74	Rp 23,028,470.74
	- Slimar	194.88	m ²	Rp 7,795,200.00	2	Rp 145,000.00	2	Rp 576,968.31	Rp 8,372,168.31
	- Engsel	56.00	Ea	Rp 6,720,000.00	2	Rp 145,000.00	2	Rp 558,715.60	Rp 7,278,715.60
	- Pintu Panel Solid Ex. HMR, ,	28.00	Ea	Rp 22,400,000.00	2	Rp 145,000.00	3	Rp 785,806.45	Rp 23,185,806.45
	- Handle Pintu Ex. Dekson	28.00	Ea	Rp 3,360,000.00	2	Rp 145,000.00	3	Rp 902,222.22	Rp 4,262,222.22

b	Pintu Kamar Tidur								
	- Aluminium 4" White Powder Coating	226.24	m	Rp 27,148,800.00	2	Rp 145,000.00	3	Rp 920,104.71	Rp 28,068,904.71
	- Pintu Panel Solid Ex. Aangzdoor,	56.00	Ea	Rp 44,800,000.00	2	Rp 145,000.00	5	Rp 1,571,612.90	Rp 46,371,612.90
	- Engsel	112.00	Ea	Rp 4,480,000.00	2	Rp 145,000.00	2	Rp 518,297.87	Rp 4,998,297.87
	- Handle Pintu Ex. Dekson	56.00	Ea	Rp 6,720,000.00	2	Rp 145,000.00	5	Rp 1,571,612.90	Rp 8,291,612.90
c	Pintu Kamar Mandi								
	- Pintu Kamar Mandi Aluminium	28.00	Ea	Rp 25,200,000.00	2	Rp 145,000.00	1	Rp 266,829.90	Rp 25,466,829.90
d	Jendela Kamar Tidur Type J-1								
	- Sealent	183.68	m	Rp 3,673,600.00	2	Rp 145,000.00	5	Rp 1,569,143.75	Rp 5,242,743.75
	- Aluminium 4" White Powder Coating	355.60	m	Rp 42,672,000.00	2	Rp 145,000.00	5	Rp 1,445,909.25	Rp 44,117,909.25
	- Kaca T=5mm	61.60	m ²	Rp 9,240,000.00	2	Rp 145,000.00	1	Rp 255,443.28	Rp 9,495,443.28
	- Slimar	64.96	m ²	Rp 2,598,400.00	2	Rp 145,000.00	1	Rp 221,732.58	Rp 2,820,132.58
	- Engsel	112.00	Ea	Rp 4,480,000.00	2	Rp 145,000.00	3	Rp 738,181.82	Rp 5,218,181.82
	- Hak Angin / Sikutan	56.00	Ea	Rp 5,040,000.00	2	Rp 145,000.00	2	Rp 558,715.60	Rp 5,598,715.60
V	PEKERJAAN SANITASI								
1	Septicktank Buis Beton + Resapan	28.00	Ea	Rp 61,600,000.00	5	Rp 145,000.00	3	Rp 1,980,487.80	Rp 63,580,487.80
2	Tandon Air 2m3	28.00	Ea	Rp 70,000,000.00	2	Rp 145,000.00	3	Rp 761,250.00	Rp 70,761,250.00
3	Tandon Profil Tank 550L	28.00	Ea	Rp 61,600,000.00	2	Rp 145,000.00	3	Rp 761,250.00	Rp 62,361,250.00
4	Bak Kontrol	140.00	Ea	Rp 63,000,000.00	4	Rp 145,000.00	9	Rp 5,342,173.77	Rp 68,342,173.77
VI	PEKERJAAN INSTALASI LISTRIK								
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm +	2100.00	m	Rp 52,500,000.00	2	Rp 145,000.00	4	Rp 1,074,705.88	Rp 53,574,705.88
2	Kabel Instalasi titik Lampu Eterna Nym	1400.00	m	Rp 35,000,000.00	2	Rp 145,000.00	4	Rp 1,150,866.14	Rp 36,150,866.14
3	Kabel Power Eterna Nym 3 x 4 mm	280.00	m	Rp 7,000,000.00	1	Rp 145,000.00	2	Rp 232,687.75	Rp 7,232,687.75
4	Box MCB 4 Group Ex. Pressto	28.00	Ea	Rp 2,520,000.00	2	Rp 145,000.00	3	Rp 902,222.22	Rp 3,422,222.22
5	MCB 6 A - 1300 KvA	28.00	Ea	Rp 9,800,000.00	2	Rp 145,000.00	3	Rp 902,222.22	Rp 10,702,222.22
VII	PEKERJAAN ATAP								
1	Pekerjaan Rangka Galvalume C.0,75	991.48	m ²	Rp 89,233,200.00	4	Rp 145,000.00	15	Rp 8,947,971.58	Rp 98,181,171.58
2	Pekerjaan Penutup Atap Genteng Beton	991.48	m ²	Rp 99,148,000.00	2	Rp 145,000.00	5	Rp 1,580,583.43	Rp 100,728,583.43
3	Pekerjaan Wuwungan Beton	196.00	m	Rp 7,840,000.00	1	Rp 145,000.00	3	Rp 481,694.92	Rp 8,321,694.92
4	Pekerjaan Lisplang	336.00	m	Rp 26,880,000.00	1	Rp 145,000.00	6	Rp 840,000.00	Rp 27,720,000.00

Lampiran 7 Cost Slope

Cost Slope Penambahan Jam Lembur						
No.	Uraian Pekerjaan	Normal Duration	Normal Cost	Crash Duration	Hasil Crash Cost	Cost Slope
I	PEKERJAAN PERSIAPAN					
1	Pekerjaan Pengukuran & Bowplank	21	Rp436,800,000.00	15	Rp 439,306,554.88	Rp 444,886.36
II	PEKERJAAN TANAH					
1	Galian Pondasi	6	Rp 27,370,000.00	4	Rp 27,848,603.90	Rp 299,306.16
2	Pekerjaan Bor Strauspile Ø20cm - 3	6	Rp 43,680,000.00	4	Rp 44,106,742.67	Rp 205,567.03
III	PEKERJAAN STRUKTUR					
1	Kolom K2 15/30					
	- Beton K-225	7	Rp 17,136,000.00	5	Rp 17,911,236.45	Rp 344,918.57
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	30	Rp 50,442,000.00	22	Rp 53,962,823.23	Rp 418,328.42
	- Bekisting	17	Rp 15,422,400.00	12	Rp 17,385,796.91	Rp 395,539.10
2	Balok 15/25					
	- Beton K-225	19	Rp 46,648,000.00	13	Rp 48,753,090.05	Rp 345,366.60
	- Besi 4Ø12 ; Ø8-150	39	Rp 66,519,600.00	28	Rp 72,630,320.01	Rp 560,373.06
	- Bekisting	23	Rp 24,828,160.00	17	Rp 27,530,293.88	Rp 419,899.33
3	Balok 15/20					
	- Beton K-225	5	Rp 6,664,000.00	3	Rp 7,158,612.48	Rp 251,341.16
	- Besi 4Ø12 ; Ø8-150	13	Rp 12,023,760.00	9	Rp 13,414,265.08	Rp 310,669.70
	- Bekisting	9	Rp 3,522,400.00	6	Rp 4,434,284.35	Rp 267,422.26
4	Ring Balok 15/15					
	- Beton K-225	5	Rp 6,902,000.00	3	Rp 7,234,428.51	Rp 171,073.94
	- Besi 4Ø10 ; Ø8-150	16	Rp 14,698,880.00	10	Rp 16,978,075.64	Rp 412,827.49
	- Bekisting	9	Rp 3,627,120.00	6	Rp 4,544,722.32	Rp 271,894.12
IV	PEKERJAAN FINISHING					
1	Pekerjaan Pasang Dinding Bata	43	Rp423,346,000.00	32	Rp 430,381,109.81	Rp 660,284.31
2	Pekerjaan Plesteran	19	Rp127,780,883.44	13	Rp 130,590,815.19	Rp 462,101.04
3	Pekerjaan Acian	19	Rp127,785,446.88	13	Rp 130,595,378.63	Rp 462,101.04
a	Pintu Jendela Depan (PJ-2)					
	- Sealent	6	Rp 1,008,000.00	4	Rp 1,401,232.09	Rp 164,941.32
	- Aluminium 4" White Powder	6	Rp 22,243,200.00	4	Rp 22,684,586.48	Rp 227,369.53
	- Slimar	5	Rp 7,795,200.00	3	Rp 8,101,428.25	Rp 140,207.47
	- Engsel	5	Rp 6,720,000.00	3	Rp 7,012,694.65	Rp 126,786.95
	- Pintu Panel Solid Ex. HMR, .	6	Rp 22,400,000.00	4	Rp 22,841,837.97	Rp 228,089.89
	- Handle Pintu Ex. Dekson	7	Rp 3,360,000.00	5	Rp 3,863,305.79	Rp 212,195.12
b	Pintu Kamar Tidur					
	- Aluminium 4" White Powder	7	Rp 27,148,800.00	5	Rp 27,667,090.59	Rp 231,989.79
	- Pintu Panel Solid Ex. Aangzdoor,	12	Rp 44,800,000.00	8	Rp 45,683,675.94	Rp 228,089.89
	- Engsel	4	Rp 4,480,000.00	3	Rp 4,769,884.97	Rp 217,241.38
	- Handle Pintu Ex. Dekson	12	Rp 6,720,000.00	8	Rp 7,603,675.94	Rp 228,089.89
c	Pintu Kamar Mandi					
	- Pintu Kamar Mandi Aluminium	3	Rp 25,200,000.00	1	Rp 25,329,310.13	Rp 71,404.92
d	Jendela Kamar Tidur Type J-1					
	- Sealent	12	Rp 3,673,600.00	8	Rp 4,555,195.90	Rp 226,435.11
	- Aluminium 4" White Powder	11	Rp 42,672,000.00	7	Rp 43,486,482.38	Rp 232,012.76
	- Kaca T=5mm	2	Rp 9,240,000.00	1	Rp 9,381,872.86	Rp 204,009.75
	- Slimar	2	Rp 2,598,400.00	1	Rp 2,714,198.45	Rp 123,823.88
	- Engsel	6	Rp 4,480,000.00	4	Rp 4,882,866.59	Rp 175,504.32
	- Hak Angin / Sikutan	5	Rp 5,040,000.00	3	Rp 5,332,694.65	Rp 126,786.95
V	PEKERJAAN SANITASI					
1	Septicktank Buis Beton + Resapan	14	Rp 61,600,000.00	10	Rp 64,343,243.24	Rp 701,612.90
2	Tandon Air 2m3	6	Rp 70,000,000.00	4	Rp 70,421,453.29	Rp 198,371.34
3	Tandon Profil Tank 550L	6	Rp 61,600,000.00	4	Rp 62,021,453.29	Rp 198,371.34
4	Bak Kontrol	38	Rp 63,000,000.00	27	Rp 68,953,918.72	Rp 560,333.96
VI	PEKERJAAN INSTALASI LISTRIK					
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm	8	Rp 52,500,000.00	6	Rp 53,112,145.75	Rp 258,172.40
2	Kabel Instalasi titik Lampu Eterna Nym	9	Rp 35,000,000.00	6	Rp 35,639,556.59	Rp 205,050.51
3	Kabel Power Eterna Nym 3 x 4 mm	2	Rp 7,000,000.00	1	Rp 7,072,076.89	Rp 106,867.97
4	Box MCB 4 Group Ex. Pressto	7	Rp 2,520,000.00	5	Rp 3,023,305.79	Rp 212,195.12
5	MCB 6 A - 1300 KvA	7	Rp 9,800,000.00	5	Rp 10,303,305.79	Rp 212,195.12
VII	PEKERJAAN ATAP					
1	Pekerjaan Rangka Galvalume C.0,75	63	Rp 89,233,200.00	47	Rp 99,412,553.72	Rp 628,418.25
2	Pekerjaan Penutup Atap Genteng Beton	12	Rp 99,148,000.00	8	Rp 100,039,260.34	Rp 234,264.61
3	Pekerjaan Wuwungan Beton	4	Rp 7,840,000.00	3	Rp 7,988,304.05	Rp 116,539.09
4	Pekerjaan Lisplang	7	Rp 26,880,000.00	5	Rp 27,138,781.87	Rp 115,486.73

COST SLOPE PENAMBAHAN TENAGA KERJA						
No.	Uraian Pekerjaan	Duration	Normal Cost	Crash Duration	Hasil Crash Cost	Cost Slope
I	PEKERJAAN PERSIAPAN					
1	Pekerjaan Pengukuran & Bowplank	21	Rp 436,800,000.00	7	Rp 439,742,818.79	Rp 206,732.67
II	PEKERJAAN TANAH					
1	Galian Pondasi	6	Rp 27,370,000.00	3	Rp 28,198,240.00	Rp 263,435.11
2	Pekerjaan Bor Strauspile Ø20cm - 3 meter	6	Rp 43,680,000.00	3	Rp 44,447,695.20	Rp 228,973.06
III	PEKERJAAN STRUKTUR					
1	Kolom K2 15/30					
	- Beton K-225	7	Rp 17,136,000.00	2	Rp 18,084,468.80	Rp 196,793.60
	- Besi 4Ø12 ; 2Ø10 ; Ø8-150	30	Rp 50,442,000.00	10	Rp 54,614,735.50	Rp 204,470.64
	- Bekisting	17	Rp 15,422,400.00	5	Rp 17,770,084.77	Rp 202,333.88
2	Balok 15/25					
	- Beton K-225	19	Rp 46,648,000.00	6	Rp 49,222,907.38	Rp 196,848.24
	- Besi 4Ø12 ; Ø8-150	39	Rp 66,519,600.00	9	Rp 72,002,393.29	Rp 185,562.34
	- Bekisting	23	Rp 24,828,160.00	7	Rp 28,028,750.17	Rp 204,610.95
3	Balok 15/20					
	- Beton K-225	5	Rp 6,664,000.00	1	Rp 7,306,252.56	Rp 182,273.91
	- Besi 4Ø12 ; Ø8-150	13	Rp 12,023,760.00	4	Rp 13,757,053.31	Rp 192,258.79
	- Bekisting	9	Rp 3,522,400.00	3	Rp 4,691,932.87	Rp 185,304.28
4	Ring Balok 15/15					
	- Beton K-225	5	Rp 6,902,000.00	2	Rp 7,512,991.95	Rp 211,187.09
	- Besi 4Ø10 ; Ø8-150	16	Rp 14,698,880.00	4	Rp 16,875,059.33	Rp 177,676.78
	- Bekisting	9	Rp 3,627,120.00	3	Rp 4,800,168.53	Rp 186,099.62
IV	PEKERJAAN FINISHING					
1	Pekerjaan Pasang Dinding Bata	43	Rp 423,346,000.00	11	Rp 429,478,429.66	Rp 189,115.83
2	Pekerjaan Plesteran	19	Rp 127,780,883.44	5	Rp 130,399,595.03	Rp 180,788.07
3	Pekerjaan Acian	19	Rp 127,785,446.88	5	Rp 130,404,158.47	Rp 180,788.07
a	Pintu Jendela Depan (PJ-2)					
	- Sealent	6	Rp 1,008,000.00	3	Rp 1,733,960.26	Rp 207,613.64
	- Aluminium 4" White Powder Coating	6	Rp 22,243,200.00	3	Rp 23,028,470.74	Rp 238,526.80
	- Slimar	5	Rp 7,795,200.00	2	Rp 8,372,168.31	Rp 191,654.91
	- Engsel	5	Rp 6,720,000.00	2	Rp 7,278,715.60	Rp 181,791.04
	- Pintu Panel Solid Ex. HMR, , 82x220cm	6	Rp 22,400,000.00	3	Rp 23,185,806.45	Rp 238,823.53
	- Handle Pintu Ex. Dekson	7	Rp 3,360,000.00	3	Rp 4,262,222.22	Rp 232,000.00
b	Pintu Kamar Tidur					
	- Aluminium 4" White Powder Coating	7	Rp 27,148,800.00	3	Rp 28,068,904.71	Rp 240,410.40
	- Pintu Panel Solid Ex. Aangzdoor,	12	Rp 44,800,000.00	5	Rp 46,371,612.90	Rp 238,823.53
	- Engsel	4	Rp 4,480,000.00	2	Rp 4,998,297.87	Rp 234,230.77
	- Handle Pintu Ex. Dekson	12	Rp 6,720,000.00	5	Rp 8,291,612.90	Rp 238,823.53
c	Pintu Kamar Mandi					
	- Pintu Kamar Mandi Aluminium	3	Rp 25,200,000.00	1	Rp 25,466,829.90	Rp 128,289.96
d	Jendela Kamar Tidur Type J-1					
	- Sealent	12	Rp 3,673,600.00	5	Rp 5,242,743.75	Rp 238,140.20
	- Aluminium 4" White Powder Coating	11	Rp 42,672,000.00	5	Rp 44,117,909.25	Rp 240,419.65
	- Kaca T=5mm	2	Rp 9,240,000.00	1	Rp 9,495,443.28	Rp 228,245.32
	- Slimar	2	Rp 2,598,400.00	1	Rp 2,820,132.58	Rp 179,481.71
	- Engsel	6	Rp 4,480,000.00	3	Rp 5,218,181.82	Rp 213,684.21
	- Hak Angin / Sikutan	5	Rp 5,040,000.00	2	Rp 5,598,715.60	Rp 181,791.04
V	PEKERJAAN SANITASI					
1	Septictank Buis Beton + Resapan	14	Rp 61,600,000.00	3	Rp 63,580,487.80	Rp 175,757.58
2	Tandon Air 2m3	6	Rp 70,000,000.00	3	Rp 70,761,250.00	Rp 225,555.56
3	Tandon Profil Tank 550L	6	Rp 61,600,000.00	3	Rp 62,361,250.00	Rp 225,555.56
4	Bak Kontrol	38	Rp 63,000,000.00	9	Rp 68,342,173.77	Rp 185,560.73
VI	PEKERJAAN INSTALASI LISTRIK					
1	Kabel Instalasi Nyy Eterna 2 x 2,5 mm +	8	Rp 52,500,000.00	4	Rp 53,574,705.88	Rp 250,273.97
2	Kabel Instalasi titik Lampu Eterna Nym 2 x	9	Rp 35,000,000.00	4	Rp 36,150,866.14	Rp 228,732.39
3	Kabel Power Eterna Nym 3 x 4 mm	2	Rp 7,000,000.00	2	Rp 7,232,687.75	Rp 588,700.00
4	Box MCB 4 Group Ex. Pressto	7	Rp 2,520,000.00	3	Rp 3,422,222.22	Rp 232,000.00
5	MCB 6 A - 1300 KvA	7	Rp 9,800,000.00	3	Rp 10,702,222.22	Rp 232,000.00
VII	PEKERJAAN ATAP					
1	Pekerjaan Rangka Galvalume C.0,75	63	Rp 89,233,200.00	15	Rp 98,181,171.58	Rp 188,091.41
2	Pekerjaan Penutup Atap Genteng Beton	12	Rp 99,148,000.00	5	Rp 100,728,583.43	Rp 241,321.05
3	Pekerjaan Wuwungan Beton	4	Rp 7,840,000.00	3	Rp 8,321,694.92	Rp 710,500.00
4	Pekerjaan Lisplang	7	Rp 26,880,000.00	6	Rp 27,720,000.00	Rp 696,000.00

Lampiran 8 Biaya Langsung

PENAMBAHAN JAM LEMBUR							
No	Uraian Pekerjaan	Crash Duration	Days Shortened	Cost Slope	Biaya Siklus Percepatan	Total Cost	Project Duration
0						Rp 3,886,068,140.64	824
1	Pintu Kamar Mandi						
-	Pintu Kamar Mandi Aluminium	1	2	Rp 71,404.92	Rp 142,809.85	Rp 3,886,210,950.49	822
2	Kabel Power Eterna Nym 3 x 4 mm	1	1	Rp 106,867.97	Rp 106,867.97	Rp 3,886,317,818.45	821
3	Pekerjaan Lisplang	5	2	Rp 115,486.73	Rp 230,973.45	Rp 3,886,548,791.91	819
4	Pekerjaan Wuwungan Beton	3	1	Rp 116,539.09	Rp 116,539.09	Rp 3,886,665,331.00	818
5	Jendela Kamar Tidur Type J-1						
-	Slimar	1	1	Rp 123,823.88	Rp 123,823.88	Rp 3,886,789,154.88	817
-	Hak Angin / Sikutan	3	2	Rp 126,786.95	Rp 253,573.91	Rp 3,887,042,728.79	815
6	Pintu Jendela Depan (PJ-2)						
-	Engsel	3	2	Rp 126,786.95	Rp 253,573.91	Rp 3,887,296,302.69	813
-	Slimar	3	2	Rp 140,207.47	Rp 280,414.94	Rp 3,887,576,717.63	811
-	Sealant	4	2	Rp 164,941.32	Rp 329,882.64	Rp 3,887,906,600.26	809
7	Ring Balok 15/15						
-	Beton K-225	3	2	Rp 171,073.94	Rp 342,147.89	Rp 3,888,248,748.15	807
8	Jendela Kamar Tidur Type J-1						
-	Engsel	4	2	Rp 175,504.32	Rp 351,008.65	Rp 3,888,599,756.80	805
9	Tandon Air 2m3	4	2	Rp 198,371.34	Rp 396,742.67	Rp 3,888,996,499.47	805
10	Tandon Profil Tank 550L	4	2	Rp 198,371.34	Rp 396,742.67	Rp 3,889,393,242.14	803
11	Jendela Kamar Tidur Type J-1						
-	Kaca T=5mm	1	1	Rp 204,009.75	Rp 204,009.75	Rp 3,889,597,251.88	802
12	Kabel Instalasi titik Lampu Eterna Nym 2 x 1,5 mm	6	3	Rp 205,050.51	Rp 615,151.52	Rp 3,890,212,403.40	800
13	Pekerjaan Bor Strauspile Ø20cm - 3 meter	4	2	Rp 205,567.03	Rp 411,134.06	Rp 3,890,623,537.46	798
14	Box MCB 4 Group Ex. Pressto	5	2	Rp 212,195.12	Rp 424,390.24	Rp 3,891,047,927.71	798
15	MCB 6 A - 1300 KvA	5	2	Rp 212,195.12	Rp 424,390.24	Rp 3,891,472,317.95	796
16	Pintu Jendela Depan (PJ-2)						
-	Handle Pintu Ex. Dekson	5	2	Rp 212,195.12	Rp 424,390.24	Rp 3,891,896,708.19	794
17	Pintu Kamar Tidur						
-	Engsel	3	1	Rp 217,241.38	Rp 217,241.38	Rp 3,892,113,949.57	793
18	Jendela Kamar Tidur Type J-1						
-	Sealant	8	4	Rp 226,435.11	Rp 905,740.46	Rp 3,893,019,690.03	789
19	Pintu Jendela Depan (PJ-2)						
-	Aluminium 4" White Powder Coating	4	2	Rp 227,369.53	Rp 454,739.05	Rp 3,893,474,429.08	787
-	Pintu Panel Solid Ex. HMR, , 82x220cm	4	2	Rp 228,089.89	Rp 456,179.78	Rp 3,893,930,608.85	785
20	Pintu Kamar Tidur						
-	Handle Pintu Ex. Dekson	8	4	Rp 228,089.89	Rp 912,359.55	Rp 3,894,842,968.40	781
-	Pintu Panel Solid Ex. Aangzdoor, Finishing original	8	4	Rp 228,089.89	Rp 912,359.55	Rp 3,895,755,327.95	777
-	Aluminium 4" White Powder Coating	5	2	Rp 231,989.79	Rp 463,979.58	Rp 3,896,219,307.54	775
21	Jendela Kamar Tidur Type J-1						
-	Aluminium 4" White Powder Coating	7	4	Rp 232,012.76	Rp 928,051.04	Rp 3,897,147,358.57	771
22	Pekerjaan Penutup Atap Genteng Beton	8	4	Rp 234,264.61	Rp 937,058.45	Rp 3,898,084,417.02	767
23	Balok 15/20						
-	Beton K-225	3	2	Rp 251,341.16	Rp 502,682.33	Rp 3,898,587,099.34	765

PENAMBAHAN TENAGA KERJA

No	Uraian Pekerjaan	Crash Duration	Days Shortened	Cost Slope	Biaya Siklus Percepatan	Total Cost	Project Duration
0						Rp 3,886,068,140.64	824
1	Pintu Kamar Mandi						
-	Pintu Kamar Mandi Aluminium	1	2	Rp 128,289.96	Rp 256,579.93	Rp 3,886,324,720.57	822
2	Septictank Buis Beton + Resapan	3	11	Rp 175,757.58	Rp 1,933,333.33	Rp 3,888,258,053.90	811
3	Ring Balok 15/15						
-	Besi 4Ø10 ; Ø8-150	4	12	Rp 177,676.78	Rp 2,132,121.41	Rp 3,890,390,175.31	807
4	Jendela Kamar Tidur Type J-1						
-	Slimar	1	1	Rp 179,481.71	Rp 179,481.71	Rp 3,890,569,657.01	806
5	Pekerjaan Plesteran	5	14	Rp 180,788.07	Rp 2,531,032.98	Rp 3,893,100,690.00	792
6	Pekerjaan Acian	5	14	Rp 180,788.07	Rp 2,531,032.98	Rp 3,895,631,722.98	778
7	Jendela Kamar Tidur Type J-1						
-	Hak Angin / Sikutan	2	3	Rp 181,791.04	Rp 545,373.13	Rp 3,896,177,096.11	775
8	Pintu Jendela Depan (PJ-2)						
-	Engsel	2	3	Rp 181,791.04	Rp 545,373.13	Rp 3,896,722,469.25	772
9	Balok 15/20						
-	Beton K-225	1	4	Rp 182,273.91	Rp 729,095.62	Rp 3,897,451,564.87	772
10	Balok 15/20						
-	Bekisting	3	6	Rp 185,304.28	Rp 1,111,825.66	Rp 3,898,563,390.53	772
11	Bak Kontrol	9	29	Rp 185,560.73	Rp 5,381,261.11	Rp 3,903,944,651.64	772
12	Balok 15/25						
-	Besi 4Ø12 ; Ø8-150	9	30	Rp 185,562.34	Rp 5,566,870.07	Rp 3,909,511,521.71	772
13	Ring Balok 15/15						
-	Bekisting	3	6	Rp 186,099.62	Rp 1,116,597.69	Rp 3,910,628,119.40	772
14	Pekerjaan Rangka Galvalume C.0,75	15	48	Rp 188,091.41	Rp 9,028,387.66	Rp 3,919,656,507.06	772
15	Pekerjaan Pasang Dinding Bata	11	32	Rp 189,115.83	Rp 6,051,706.44	Rp 3,925,708,213.49	772
16	Pintu Jendela Depan (PJ-2)						
-	Slimar	2	3	Rp 191,654.91	Rp 574,964.73	Rp 3,926,283,178.23	769
17	Balok 15/20						
-	Besi 4Ø12 ; Ø8-150	4	9	Rp 192,258.79	Rp 1,730,329.12	Rp 3,928,013,507.35	769
18	Kolom K2 15/30						
-	Beton K-225	2	5	Rp 196,793.60	Rp 983,968.01	Rp 3,928,997,475.36	769
19	Balok 15/25						
-	Beton K-225	6	13	Rp 196,848.24	Rp 2,559,027.11	Rp 3,931,556,502.47	769
20	Kolom K2 15/30						
-	Bekisting	5	12	Rp 202,333.88	Rp 2,428,006.56	Rp 3,933,984,509.03	769
-	Besi 4Ø12 ; 2Ø10 ; Ø8-150	10	20	Rp 204,470.64	Rp 4,089,412.77	Rp 3,938,073,921.80	769
21	Balok 15/25						
-	Bekisting	7	16	Rp 204,610.95	Rp 3,273,775.12	Rp 3,941,347,696.92	769
22	Pekerjaan Pengukuran & Bowplank	7	14	Rp 206,732.67	Rp 2,894,257.43	Rp 3,944,241,954.35	769
23	Pintu Jendela Depan (PJ-2)						
-	Sealant	3	3	Rp 207,613.64	Rp 622,840.91	Rp 3,944,864,795.25	766

Lampiran 9 Biaya Total

PENAMBAHAN JAM LEMBUR					
No	Uraian Pekerjaan	Project Duration	Direct Cost	Inderect Cost	Biaya Total
0		824	Rp 3,886,068,140.64	Rp 117,076,444.22	Rp 4,003,144,584.86
1	Pintu Kamar Mandi				
-	Pintu Kamar Mandi Aluminium	822	Rp 3,886,210,950.49	Rp 116,792,278.09	Rp 4,003,003,228.58
2	Kabel Power Eterna Nym 3 x 4 mm	821	Rp 3,886,317,818.45	Rp 116,650,195.03	Rp 4,002,968,013.48
3	Pekerjaan Lisplang	819	Rp 3,886,548,791.91	Rp 116,366,028.90	Rp 4,002,914,820.81
4	Pekerjaan Wuwungan Beton	818	Rp 3,886,665,331.00	Rp 116,223,945.84	Rp 4,002,889,276.84
5	Jendela Kamar Tidur Type J-1				
-	Slimar	817	Rp 3,886,789,154.88	Rp 116,081,862.78	Rp 4,002,871,017.65
-	Hak Angin / Sikutan	815	Rp 3,887,042,728.79	Rp 115,797,696.65	Rp 4,002,840,425.43
6	Pintu Jendela Depan (PJ-2)				
-	Engsel	813	Rp 3,887,296,302.69	Rp 115,513,530.52	Rp 4,002,809,833.22
-	Slimar	811	Rp 3,887,576,717.63	Rp 115,229,364.40	Rp 4,002,806,082.02
-	Sealant	809	Rp 3,887,906,600.26	Rp 114,945,198.27	Rp 4,002,851,798.53
7	Ring Balok 15/15				
-	Beton K-225	807	Rp 3,888,248,748.15	Rp 114,661,032.14	Rp 4,002,909,780.29
8	Jendela Kamar Tidur Type J-1				
-	Engsel	805	Rp 3,888,599,756.80	Rp 114,376,866.02	Rp 4,002,976,622.81
9	Tandon Air 2m3	805	Rp 3,888,996,499.47	Rp 114,376,866.02	Rp 4,003,373,365.48
10	Tandon Profil Tank 550L	803	Rp 3,889,393,242.14	Rp 114,092,699.89	Rp 4,003,485,942.03
11	Jendela Kamar Tidur Type J-1				
-	Kaca T=5mm	802	Rp 3,889,597,251.88	Rp 113,950,616.83	Rp 4,003,547,868.71
12	Kabel Instalasi titik Lampu Eterna Nym	800	Rp 3,890,212,403.40	Rp 113,666,450.70	Rp 4,003,878,854.10
13	Pekerjaan Bor Strauspile Ø20cm - 3	798	Rp 3,890,623,537.46	Rp 113,382,284.57	Rp 4,004,005,822.03
14	Box MCB 4 Group Ex. Pressto	798	Rp 3,891,047,927.71	Rp 113,382,284.57	Rp 4,004,430,212.28
15	MCB 6 A - 1300 KvA	796	Rp 3,891,472,317.95	Rp 113,098,118.45	Rp 4,004,570,436.39
16	Pintu Jendela Depan (PJ-2)				
-	Handle Pintu Ex. Dekson	794	Rp 3,891,896,708.19	Rp 112,813,952.32	Rp 4,004,710,660.51
17	Pintu Kamar Tidur				
-	Engsel	793	Rp 3,892,113,949.57	Rp 112,671,869.26	Rp 4,004,785,818.83
18	Jendela Kamar Tidur Type J-1				
-	Sealant	789	Rp 3,893,019,690.03	Rp 112,103,537.00	Rp 4,005,123,227.03
19	Pintu Jendela Depan (PJ-2)				
-	Alumunium 4" White Powder Coating	787	Rp 3,893,474,429.08	Rp 111,819,370.88	Rp 4,005,293,799.95
-	Pintu Panel Solid Ex. HMR, ,	785	Rp 3,893,930,608.85	Rp 111,535,204.75	Rp 4,005,465,813.60
20	Pintu Kamar Tidur				
-	Handle Pintu Ex. Dekson	781	Rp 3,894,842,968.40	Rp 110,966,872.49	Rp 4,005,809,840.90
-	Pintu Panel Solid Ex. Aangzdoor,	777	Rp 3,895,755,327.95	Rp 110,398,540.24	Rp 4,006,153,868.20
-	Alumunium 4" White Powder Coating	775	Rp 3,896,219,307.54	Rp 110,114,374.11	Rp 4,006,333,681.65
21	Jendela Kamar Tidur Type J-1				
-	Alumunium 4" White Powder Coating	771	Rp 3,897,147,358.57	Rp 109,546,041.86	Rp 4,006,693,400.43
22	Pekerjaan Penutup Atap Genteng Beton	767	Rp 3,898,084,417.02	Rp 108,977,709.61	Rp 4,007,062,126.63
23	Balok 15/20				
-	Beton K-225	765	Rp 3,898,587,099.34	Rp 108,693,543.48	Rp 4,007,280,642.83

PENAMBAHAN TENAGA KERJA					
No	Uraian Pekerjaan	Project Duration	Direct Cost	Inderect Cost	Biaya Total
0		824	Rp 3,886,068,140.64	Rp 117,076,444.22	Rp 4,003,144,584.86
1	Pintu Kamar Mandi				
-	Pintu Kamar Mandi Aluminium	822	Rp 3,886,324,720.57	Rp 116,792,278.09	Rp 4,003,116,998.66
2	Septicktank Buis Beton + Resapan	811	Rp 3,888,258,053.90	Rp 115,229,364.40	Rp 4,003,487,418.30
3	Ring Balok 15/15				
-	Besi 4Ø10 ; Ø8-150	807	Rp 3,890,390,175.31	Rp 114,661,032.14	Rp 4,005,051,207.45
4	Jendela Kamar Tidur Type J-1				
-	Slimar	806	Rp 3,890,569,657.01	Rp 114,518,949.08	Rp 4,005,088,606.09
5	Pekerjaan Plesteran	792	Rp 3,893,100,690.00	Rp 112,529,786.19	Rp 4,005,630,476.19
6	Pekerjaan Acian	778	Rp 3,895,631,722.98	Rp 110,540,623.30	Rp 4,006,172,346.29
7	Jendela Kamar Tidur Type J-1				
-	Hak Angin / Sikutan	775	Rp 3,896,177,096.11	Rp 110,114,374.11	Rp 4,006,291,470.23
8	Pintu Jendela Depan (PJ-2)				
-	Engsel	772	Rp 3,896,722,469.25	Rp 109,688,124.92	Rp 4,006,410,594.17
9	Balok 15/20				
-	Beton K-225	772	Rp 3,897,451,564.87	Rp 109,688,124.92	Rp 4,007,139,689.79
10	Balok 15/20				
-	Bekisting	772	Rp 3,898,563,390.53	Rp 109,688,124.92	Rp 4,008,251,515.45
11	Bak Kontrol	772	Rp 3,903,944,651.64	Rp 109,688,124.92	Rp 4,013,632,776.56
12	Balok 15/25				
-	Besi 4Ø12 ; Ø8-150	772	Rp 3,909,511,521.71	Rp 109,688,124.92	Rp 4,019,199,646.63
13	Ring Balok 15/15				
-	Bekisting	772	Rp 3,910,628,119.40	Rp 109,688,124.92	Rp 4,020,316,244.32
14	Pekerjaan Rangka Galvalume C.0,75	772	Rp 3,919,656,507.06	Rp 109,688,124.92	Rp 4,029,344,631.98
15	Pekerjaan Pasang Dinding Bata	772	Rp 3,925,708,213.49	Rp 109,688,124.92	Rp 4,035,396,338.42
16	Pintu Jendela Depan (PJ-2)				
-	Slimar	769	Rp 3,926,283,178.23	Rp 109,261,875.73	Rp 4,035,545,053.96
17	Balok 15/20				
-	Besi 4Ø12 ; Ø8-150	769	Rp 3,928,013,507.35	Rp 109,261,875.73	Rp 4,037,275,383.08
18	Kolom K2 15/30				
-	Beton K-225	769	Rp 3,928,997,475.36	Rp 109,261,875.73	Rp 4,038,259,351.09
19	Balok 15/25				
-	Beton K-225	769	Rp 3,931,556,502.47	Rp 109,261,875.73	Rp 4,040,818,378.20
20	Kolom K2 15/30				
-	Bekisting	769	Rp 3,933,984,509.03	Rp 109,261,875.73	Rp 4,043,246,384.76
-	Besi 4Ø12 ; 2Ø10 ; Ø8-150	769	Rp 3,938,073,921.80	Rp 109,261,875.73	Rp 4,047,335,797.53
21	Balok 15/25				
-	Bekisting	769	Rp 3,941,347,696.92	Rp 109,261,875.73	Rp 4,050,609,572.65
22	Pekerjaan Pengukuran & Bowplank	769	Rp 3,944,241,954.35	Rp 109,261,875.73	Rp 4,053,503,830.08
23	Pintu Jendela Depan (PJ-2)				
-	Sealant	766	Rp 3,944,864,795.25	Rp 108,835,626.54	Rp 4,053,700,421.80

Lampiran 10 Crash Duration Penambahan Jam Lembur

Task Name	Duration	Start	Finish
Penambahan Jam Lembur	765 days	Sat 4/12/25	Fri 9/24/27
PEKERJAAN PERSIAPAN	21 days	Sat 4/12/25	Tue 5/6/25
Pekerjaan Pengukuran & Bowplank	21 days	Sat 4/12/25	Tue 5/6/25
PEKERJAAN TANAH	57 days	Wed 5/7/25	Sat 7/12/25
Galian Pondasi	6 days	Thu 5/15/25	Wed 5/21/25
Urug Pasir Dibawah Pondasi	3 days	Thu 5/22/25	Sat 5/24/25
Urug Kembali + Pemasangan	6 days	Mon 7/7/25	Sat 7/12/25
Pekerjaan Bor Strauspile Ø20cm - 3 meter	4 days	Wed 5/7/25	Sat 5/10/25
PEKERJAAN PONDASI	162 days	Sat 4/12/25	Mon 10/20/25
Pile Cap Uk. 60x60x20		Sat 4/12/25	Sat 4/12/25
- Beton K-225	4 days	Thu 5/22/25	Mon 5/26/25
- Besi Ø10-200	6 days	Thu 5/22/25	Wed 5/28/25
Pek. Strauspil D=20cm ; P=300cm		Sat 4/12/25	Sat 4/12/25
- Beton K-225	3 days	Mon 5/12/25	Wed 5/14/25
- Besi 6Ø10 ; Ø8-150	5 days	Mon 5/12/25	Fri 5/16/25
Pekerjaan Pondasi Batu Kumpang	34 days	Tue 5/27/25	Sat 7/5/25
Pekerjaan Sloof 15/25		Sat 4/12/25	Sat 4/12/25
- Beton K-225	17 days	Tue 9/16/25	Sat 10/4/25
- Besi 4Ø12 ; 2Ø10 ; Ø8-150	84 days	Mon 7/14/25	Mon 10/20/25
- Bekisting	24 days	Mon 9/1/25	Mon 9/29/25
PEKERJAAN STRUKTUR	382 days	Mon 10/6/25	Thu 12/24/26
Kolom K1 15/15	1 day	Mon 10/6/25	Mon 10/6/25
- Beton K-225	12 days	Thu 1/8/26	Wed 1/21/26
- Besi 4Ø10 ; Ø8-150	50 days	Mon 10/6/25	Tue 12/2/25
- Bekisting	31 days	Wed 12/3/25	Wed 1/7/26
Kolom K2 15/30	1 day	Mon 10/6/25	Mon 10/6/25
- Beton K-225	7 days	Wed 11/19/25	Thu 11/27/25
- Besi 4Ø12 ; 2Ø10 ; Ø8-150	30 days	Mon 10/6/25	Sat 11/8/25
- Bekisting	17 days	Mon 11/10/25	Fri 11/28/25
Balok 15/35	1 day	Thu 11/27/25	Fri 11/28/25
- Beton K-225	4 days	Wed 12/10/25	Sat 12/13/25
- Besi 6Ø12 ; 4Ø10 ; Ø8-150	7 days	Thu 11/27/25	Fri 12/5/25
- Bekisting	7 days	Fri 12/5/25	Sat 12/13/25
Balok 15/25	1 day	Thu 11/27/25	Fri 11/28/25
- Beton K-225	19 days	Mon 1/26/26	Mon 2/16/26
- Besi 4Ø12 ; Ø8-150	39 days	Thu 11/27/25	Mon 1/12/26
- Bekisting	23 days	Mon 1/12/26	Sat 2/7/26
Balok 15/20	1 day	Tue 2/17/26	Tue 2/17/26
- Beton K-225	3 days	Mon 3/9/26	Thu 3/12/26
- Besi 4Ø12 ; Ø8-150	13 days	Tue 2/17/26	Tue 3/3/26
- Bekisting	9 days	Wed 3/4/26	Fri 3/13/26
Ring Balok 15/15	1 day	Fri 5/1/26	Sat 5/2/26
- Beton K-225	3 days	Tue 5/26/26	Thu 5/28/26

- Besi 4Ø10 ; Ø8-150	16 days	Fri 5/1/26	Wed 5/20/26
- Bekisting	9 days	Wed 5/20/26	Sat 5/30/26
Plat Cor Talang T=10cm	1 day	Tue 10/13/26	Tue 10/13/26
- Beton K-225	7 days	Tue 11/17/26	Tue 11/24/26
- Besi Ø8-150	25 days	Tue 10/13/26	Tue 11/10/26
- Bekisting	10 days	Wed 11/11/26	Sat 11/21/26
Top Table Meja Dapur T=7cm	1 day	Wed 11/25/26	Wed 11/25/26
- Beton K-225	3 days	Tue 12/22/26	Thu 12/24/26
- Besi Ø8-150	16 days	Wed 11/25/26	Sat 12/12/26
- Bekisting	7 days	Mon 12/14/26	Mon 12/21/26
Waterproofing Cor Talang Beton	5 days	Thu 11/26/26	Tue 12/1/26
PEKERJAAN FINISHING	765.5 days	Sat 4/12/25	Fri 9/24/27
Pekerjaan Pasang Dinding Bata	43 days	Thu 3/12/26	Fri 5/1/26
Gewel	12 days	Wed 9/23/26	Tue 10/6/26
Pekerjaan Plesteran	19 days	Thu 1/14/27	Fri 2/5/27
Pekerjaan Acian	19 days	Mon 2/8/27	Tue 3/2/27
Pengecatan Dinding + Plamir	44 days	Thu 6/17/27	Sat 8/7/27
Pekerjaan Plafond Gypsumboard 9mm + Rangka Hollow	11 days	Tue 10/13/26	Sat 10/24/26
Pengecatan Plafond	23 days	Mon 10/26/26	Fri 11/20/26
Pekerjaan Benangan	37 days	Fri 5/29/26	Fri 7/10/26
Pekerjaan Kusén Pintu & Jendela		Sat 4/12/25	Sat 4/12/25
Pintu Jendela Depan (PJ-1)		Sat 4/12/25	Sat 4/12/25
- Sealent	11 days	Fri 3/12/27	Thu 3/25/27
- Alumunium 4" White Powder Coating	9 days	Tue 3/2/27	Fri 3/12/27
- Kaca T=5mm	2 days	Thu 3/25/27	Sat 3/27/27
- Slimar	5 days	Sat 3/27/27	Fri 4/2/27
- Engsel	5 days	Fri 4/2/27	Thu 4/8/27
- Pintu Panel Solid Ex. HMR, , 92x220cm	6 days	Thu 4/8/27	Thu 4/15/27
Bitmap Pintu Jendela Depan (PJ-2)		Sat 4/12/25	Sat 4/12/25
- Sealent	4 days	Tue 4/20/27	Sat 4/24/27
- Alumunium 4" White Powder Coating	4 days	Thu 4/15/27	Tue 4/20/27
- Kaca T=5mm		Sat 4/24/27	Mon 4/26/27
- Slimar	3 days	Mon 4/26/27	Thu 4/29/27
- Engsel	3 days	Thu 4/29/27	Mon 5/3/27
- Pintu Panel Solid Ex. HMR, , 82x220cm	4 days	Mon 5/3/27	Fri 5/7/27
- Handle Pintu Ex. Dekson	5 days	Fri 5/7/27	Thu 5/13/27
Pintu Kamar Tidur		Sat 4/12/25	Sat 4/12/25
- Alumunium 4" White Powder Coating	5 days	Thu 5/13/27	Wed 5/19/27
- Pintu Panel Solid Ex. Aangzdoor, Finishing original cat Duco , 82x220cm	8 days	Sat 5/22/27	Tue 6/1/27
- Engsel	3 days	Wed 5/19/27	Sat 5/22/27

- Handle Pintu Ex. Dekson	8 days	Tue 6/1/27	Thu 6/10/27
Pintu Kamar Mandi		Sat 4/12/25	Sat 4/12/25
- Pintu Kamar Mandi Aluminium	1 day	Thu 6/10/27	Fri 6/11/27
Jendela Kamar Tidur Type J-1		Sat 4/12/25	Sat 4/12/25
- Sealent	8 days	Sat 6/19/27	Tue 6/29/27
- Alumunium 4" White Powder Coating	7 days	Fri 6/11/27	Sat 6/19/27
- Kaca T=5mm	1 day	Tue 6/29/27	Wed 6/30/27
- Slimar	1 day	Wed 6/30/27	Thu 7/1/27
- Engsel	4 days	Thu 7/1/27	Tue 7/6/27
- Hak Angin / Sikutan	3 days	Tue 7/6/27	Fri 7/9/27
Jendela Diatas R. Tamu Type J-2		Sat 4/12/25	Sat 4/12/25
- Sealent	45 days	Thu 7/29/27	Mon 9/20/27
- Alumunium 4" White Powder Coating	17 days	Fri 7/9/27	Thu 7/29/27
- Kaca T=5mm	4 days	Mon 9/20/27	Fri 9/24/27
Pekerjaan Keramik		Sat 4/12/25	Sat 4/12/25
- Pekerjaan Rabatan Beton T=5cm 1 : 3 : 5	22 days	Thu 3/11/27	Tue 4/6/27
- Pekerjaan Granite Tile 60x60	36 days	Sat 3/20/27	Sat 5/1/27
- Pekerjaan Granite Teras 60x60	7 days	Sat 3/20/27	Mon 3/29/27
- Pekerjaan Keramik Lantai Km/Wc 25x25	11 days	Mon 3/29/27	Sat 4/10/27
- Pekerjaan Keramik Dinding Km/Wc 25x50	47 days	Sat 4/10/27	Fri 6/4/27
- Pekerjaan Granite Top Table 60x60	4 days	Fri 6/4/27	Wed 6/9/27
- Pekerjaan Keramik Dinding Meja Dapur	7 days	Wed 6/9/27	Thu 6/17/27
Pekerjaan Camprot Dinding Depan Fin. Cat	8 days	Tue 3/2/27	Thu 3/11/27
Pekerjaan Rabatan Beton halus Carport & Area Belakang	8 days	Thu 3/11/27	Sat 3/20/27
PEKERJAAN SANITASI	231.5 days	Tue 10/13/26	Fri 7/9/27
Pemasangan Floor Drain	2 days	Mon 6/21/27	Wed 6/23/27
Pemasangan Kran Air	3 days	Thu 6/17/27	Mon 6/21/27
Pipa Air Bersih PVC Ø 3/4" AW	5 days	Sat 12/12/26	Thu 12/17/26
Pipa Air Kotor PVC Ø 3" Type D	7 days	Sat 12/12/26	Sat 12/19/26
Pipa Air Hujan PVC Ø 3" Type D	2 days	Wed 12/16/26	Fri 12/18/26
Pipa Air Kotoran PVC Ø 4" Type D	4 days	Wed 12/16/26	Mon 12/21/26
Septicktank Buis Beton + Resapan	14 days	Tue 10/13/26	Wed 10/28/26
Tandon Air 2m3	4 days	Mon 12/21/26	Fri 12/25/26
Tandon Profil Tank 550L	4 days	Mon 12/21/26	Fri 12/25/26
Bak Kontrol	38 days	Thu 10/29/26	Fri 12/11/26
Shower	19 days	Thu 6/17/27	Fri 7/9/27
Kloset Duduk	7 days	Mon 6/21/27	Tue 6/29/27
PEKERJAAN INSTALASI LISTRIK	187 days	Fri 12/25/26	Sat 7/31/27

Kebel Instalasi Nyy Eterna 2 x 2,5 mm + Juction Box	8 days	Fri 12/25/26	Mon 1/4/27
Kebel Instalasi titik Lampu Eterna Nym 2 x 1,5 mm	6 days	Mon 1/4/27	Mon 1/11/27
Kebel Power Eterna Nym 3 x 4 mm	1 day	Thu 1/7/27	Fri 1/8/27
Box MCB 4 Group Ex. Pressto	5 days	Fri 1/8/27	Thu 1/14/27
MCB 6 A - 1300 KvA	5 days	Fri 1/8/27	Thu 1/14/27
Pemasangan Stop Kontak Ex. Brocco	22 days	Wed 6/23/27	Mon 7/19/27
Pemasangan Saklar Ganda Ex. Brocco	1 day	Mon 7/19/27	Tue 7/20/27
Pemasangan Saklar Tunggal Ex. Brocco	1 day	Mon 7/19/27	Tue 7/20/27
Pekerjaan Pemasangan Lampu Downlight 10 Watt Ex. Panasonic	5 days	Tue 7/20/27	Mon 7/26/27
Pekerjaan Pemasangan Lampu Hidden Lamp	5 days	Mon 7/26/27	Sat 7/31/27
Pekerjaan Pemasangan Lampu Downlight Outbow 10 Watt Ex. Panasonic	3 days	Tue 7/20/27	Fri 7/23/27
PEKERJAAN ATAP	80 days	Sat 7/11/26	Mon 10/12/26
Pekerjaan Rangka Galvalume C.0,75	63 days	Sat 7/11/26	Tue 9/22/26
Pekerjaan Penutup Atap Genteng Beton	8 days	Thu 9/24/26	Fri 10/2/26
Pekerjaan Wuwungan Beton	3 days	Sat 10/3/26	Tue 10/6/26
Pekerjaan Lisplang	5 days	Wed 10/7/26	Mon 10/12/26



Lampiran 11 *Crash Duration* Penambahan Tenaga Kerja

Task Name	Duration	Start	Finish	Predecessors
Schedule Proyek Pembangunan Cluster Javelin CSR	766,5 days	Sat 12/04/25	Sat 25/09/27	
PEKERJAAN PERSIAPAN	7 days	Sat 12/04/25	Sat 19/04/25	
Pekerjaan Pengukuran & Bowplank	7 days	Sat 12/04/25	Sat 19/04/25	
PEKERJAAN TANAH		Wed 07/05/25	Sat 12/07/25	
Galian Pondasi	6 days	Sat 17/05/25	Fri 23/05/25	13
Urug Pasir Dibawah Pondasi	3 days	Sat 24/05/25	Tue 27/05/25	4
Urug Kembali + Pematatan	6 days	Wed 09/07/25	Tue 15/07/25	15
Pekerjaan Bor Strauspile Ø20cm - 3 meter	6 days	Wed 07/05/25	Tue 13/05/25	2
PEKERJAAN PONDASI		Sat 12/04/25	Mon 20/10/25	
Pile Cap Uk. 60x60x20	1 day	Sat 12/04/25	Sat 12/04/25	
- Beton K-225	4 days	Sat 24/05/25	Wed 28/05/25	11SS
- Besi Ø10-200	6 days	Sat 24/05/25	Fri 30/05/25	4
Pek. Strausspile D=20cm ; P=300cm	1 day	Sat 12/04/25	Sat 12/04/25	
- Beton K-225	3 days	Wed 14/05/25	Fri 16/05/25	14SS
- Besi 6Ø10 ; Ø8-150	5 days	Wed 14/05/25	Mon 19/05/25	7
Pekerjaan Pondasi Batu Kumbang	34 days	Thu 29/05/25	Tue 08/07/25	10
Pekerjaan Sloof 15/25	1 day	Sat 12/04/25	Sat 12/04/25	
- Beton K-225	17 days	Thu 18/09/25	Tue 07/10/25	19FS-50%
- Besi 4Ø12 ; 2Ø10 ; Ø8-150	84 days	Wed 16/07/25	Wed 22/10/25	6
- Bekisting	24 days	Wed 03/09/25	Wed 01/10/25	18FS-50%
PEKERJAAN STRUKTUR		Mon 06/10/25	Thu 24/12/26	
Kolom K1 15/15	1 day	Wed 08/10/25	Wed 08/10/25	23SS
- Beton K-225	12 days	Sat 10/01/26	Fri 23/01/26	24
- Besi 4Ø10 ; Ø8-150	50 days	Wed 08/10/25	Thu 04/12/25	17
- Bekisting	31 days	Fri 05/12/25	Fri 09/01/26	23
Kolom K2 15/30	1 day	Wed 08/10/25	Wed 08/10/25	27SS
- Beton K-225	2 days	Wed 22/10/25	Fri 24/10/25	28FS-50%

- Besi 4Ø12 ; 2Ø10 ; Ø8-150	10 days	Wed 08/10/25	Sat 18/10/25	23SS
- Bekisting	5 days	Mon 20/10/25	Fri 24/10/25	27
Balok 15/35	1 day	Fri 24/10/25	Sat 25/10/25	31SS
- Beton K-225	4 days	Thu 06/11/25	Mon 10/11/25	32FS-50%
- Besi 6Ø12 ; 4Ø10 ; Ø8-150	7 days	Fri 24/10/25	Sat 01/11/25	26
- Bekisting	7 days	Sat 01/11/25	Mon 10/11/25	31
Balok 15/25	1 day	Fri 24/10/25	Sat 25/10/25	35SS
- Beton K-225	6 days	Sat 08/11/25	Fri 14/11/25	36FS-50%
- Besi 4Ø12 ; Ø8-150	9 days	Fri 24/10/25	Tue 04/11/25	31SS
- Bekisting	7 days	Tue 04/11/25	Wed 12/11/25	35
Balok 15/20	1 day	Sat 15/11/25	Sat 15/11/25	39SS
- Beton K-225	1 day	Fri 21/11/25	Sat 22/11/25	40FS-50%
- Besi 4Ø12 ; Ø8-150	4 days	Sat 15/11/25	Wed 19/11/25	34
- Bekisting	3 days	Thu 20/11/25	Sat 22/11/25	39
Ring Balok 15/15	1 day	Fri 05/12/25	Sat 06/12/25	43SS
- Beton K-225	5 days	Fri 12/12/25	Wed 17/12/25	44FS-50%
- Besi 4Ø10 ; Ø8-150	4 days	Fri 05/12/25	Wed 10/12/25	55
- Bekisting	3 days	Wed 10/12/25	Sat 13/12/25	43
Plat Cor Talang T=10cm	1 day	Wed 26/08/26	Wed 26/08/26	47SS
- Beton K-225	7 days	Wed 30/09/26	Wed 07/10/26	48FS-50%
- Besi Ø8-150	25 days	Wed 26/08/26	Wed 23/09/26	136
- Bekisting	10 days	Thu 24/09/26	Mon 05/10/26	47
Top Table Meja Dapur T=7cm	1 day	Fri 05/12/25	Sat 06/12/25	51SS
- Beton K-225	3 days	Thu 01/01/26	Mon 05/01/26	52
- Besi Ø8-150	16 days	Fri 05/12/25	Wed 24/12/25	55
- Bekisting	7 days	Wed 24/12/25	Thu 01/01/26	51
Waterproofing Cor Talang Beton	5 days	Fri 09/10/26	Wed 14/10/26	46FS+1 day
PEKERJAAN FINISHING		Sat 12/04/25	Sat 25/09/27	
Pekerjaan Pasang Dinding Bata	11 days	Sat 22/11/25	Fri 05/12/25	38
Gewel	12 days	Wed 29/07/26	Tue 11/08/26	133

Pekerjaan Plesteran	5 days	Tue 09/12/25	Mon 15/12/25	55SS+14 days
Pekerjaan Acian	5 days	Sat 20/12/25	Fri 26/12/25	57SS+10 days
Pengecatan Dinding + Plamir	44 days	Mon 13/04/26	Wed 03/06/26	104
Pekerjaan Plafond Gypsumboard 9mm + Rangka Hollow	11 days	Mon 15/12/25	Sat 27/12/25	57
Pengecatan Plafond	23 days	Sat 27/12/25	Fri 23/01/26	60
Pekerjaan Benangan	37 days	Tue 23/12/25	Wed 04/02/26	58SS+2 days
Pekerjaan Kusen Pintu & Jendela	1 day	Sat 12/04/25	Sat 12/04/25	
Pintu Jendela Depan (PJ-1)	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	11 days	Tue 06/01/26	Mon 19/01/26	66
- Alumunium 4" White Powder Coating	9 days	Fri 26/12/25	Tue 06/01/26	58
- Kaca T=5mm	2 days	Mon 19/01/26	Wed 21/01/26	65
- Slimar	5 days	Wed 21/01/26	Tue 27/01/26	67
- Engsel	5 days	Tue 27/01/26	Mon 02/02/26	68
- Pintu Panel Solid Ex. HMR, , 92x220cm	6 days	Mon 02/02/26	Mon 09/02/26	69
Bitmap Pintu Jendela Depan (PJ-2)	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	3 days	Mon 16/02/26	Thu 19/02/26	73
- Alumunium 4" White Powder Coating	6 days	Mon 09/02/26	Mon 16/02/26	70
- Kaca T=5mm	1 day	Thu 19/02/26	Fri 20/02/26	72
- Slimar	2 days	Fri 20/02/26	Mon 23/02/26	74
- Engsel	2 days	Mon 23/02/26	Wed 25/02/26	75
- Pintu Panel Solid Ex. HMR, , 82x220cm	6 days	Wed 25/02/26	Wed 04/03/26	76
- Handle Pintu Ex. Dekson	7 days	Wed 04/03/26	Thu 12/03/26	77
Pintu Kamar Tidur	1 day	Sat 12/04/25	Sat 12/04/25	
- Alumunium 4" White Powder Coating	7 days	Thu 12/03/26	Fri 20/03/26	78
- Pintu Panel Solid Ex. Aangzdoor, Finishing original cat Duco , 82x220cm	12 days	Wed 25/03/26	Wed 08/04/26	82
- Engsel	4 days	Fri 20/03/26	Wed 25/03/26	80
- Handle Pintu Ex. Dekson	12 days	Wed 08/04/26	Wed 22/04/26	81
Pintu Kamar Mandi	1 day	Sat 12/04/25	Sat 12/04/25	

- Pintu Kamar Mandi Aluminium	1 day	Wed 22/04/26	Thu 23/04/26	83
Jendela Kamar Tidur Type J-1	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	12 days	Wed 06/05/26	Wed 20/05/26	88
- Alumunium 4" White Powder Coating	11 days	Thu 23/04/26	Wed 06/05/26	85
- Kaca T=5mm	2 days	Wed 20/05/26	Fri 22/05/26	87
- Slimar	1 day	Fri 22/05/26	Sat 23/05/26	89
- Engsel	6 days	Sat 23/05/26	Sat 30/05/26	90
- Hak Angin / Sikutan	2 days	Sat 30/05/26	Tue 02/06/26	91
Jendela Diatas R. Tamu Type J-2	1 day	Sat 12/04/25	Sat 12/04/25	
- Sealent	45 days	Mon 22/06/26	Thu 13/08/26	95
- Alumunium 4" White Powder Coating	17 days	Tue 02/06/26	Mon 22/06/26	92
- Kaca T=5mm	4 days	Thu 13/08/26	Tue 18/08/26	94
Pekerjaan Keramik	0 days	Sat 12/04/25	Sat 12/04/25	
- Pekerjaan Rabatan Beton T=5cm 1 : 3 : 5	22 days	Mon 05/01/26	Fri 30/01/26	106SS
- Pekerjaan Granite Tile 60x60	36 days	Wed 14/01/26	Wed 25/02/26	106
- Pekerjaan Granite Teras 60x60	7 days	Wed 14/01/26	Thu 22/01/26	99SS
- Pekerjaan Keramik Lantai Km/Wc 25x25	11 days	Thu 22/01/26	Wed 04/02/26	100
- Pekerjaan Keramik Dinding Km/Wc 25x50	47 days	Wed 04/02/26	Tue 31/03/26	101
- Pekerjaan Granite Top Table 60x60	4 days	Tue 31/03/26	Sat 04/04/26	102
- Pekerjaan Keramik Dinding Meja Dapur	7 days	Sat 04/04/26	Mon 13/04/26	103
Pekerjaan Camprot Dinding Depan Fin. Cat	8 days	Fri 26/12/25	Mon 05/01/26	58
Pekerjaan Rabatan Beton halus Carport & Area Belakang	8 days	Mon 05/01/26	Wed 14/01/26	105
PEKERJAAN SANITASI		Tue 13/10/26	Sat 10/07/27	
Pemasangan Floor Drain	2 days	Fri 16/10/26	Sat 17/10/26	119SS
Pemasangan Kran Air	3 days	Tue 13/10/26	Thu 15/10/26	118SS
Pipa Air Bersih PVC Ø 3/4" AW	5 days	Tue 27/10/26	Sat 31/10/26	117
Pipa Air Kotor PVC Ø 3" Type D	7 days	Tue 27/10/26	Tue 03/11/26	110SS

Pipa Air Hujan PVC Ø 3" Type D	2 days	Fri 30/10/26	Mon 02/11/26	111FS-50%
Pipa Air Kotoran PVC Ø 4" Type D	4 days	Fri 30/10/26	Wed 04/11/26	112SS
Septicktank Buis Beton + Resapan	3 days	Tue 13/10/26	Thu 15/10/26	136
Tandon Air 2m3	6 days	Wed 04/11/26	Wed 11/11/26	113
Tandon Profil Tank 550L	6 days	Wed 04/11/26	Wed 11/11/26	115SS
Bak Kontrol	9 days	Fri 16/10/26	Mon 26/10/26	114
Shower	19 days	Tue 13/10/26	Tue 03/11/26	104
Kloset Duduk	7 days	Fri 16/10/26	Fri 23/10/26	109
PEKERJAAN INSTALASI LISTRIK		Fri 25/12/26	Mon 02/08/27	
Kebel Instalasi Nyy Eterna 2 x 2,5 mm + Junction Box	8 days	Fri 25/12/26	Mon 04/01/27	116
Kebel Instalasi titik Lampu Eterna Nym 2 x 1,5 mm	9 days	Mon 04/01/27	Thu 14/01/27	121
Kebel Power Eterna Nym 3 x 4 mm	2 days	Sat 09/01/27	Mon 11/01/27	122FS-50%
Box MCB 4 Group Ex. Pressto	7 days	Tue 12/01/27	Tue 19/01/27	123
MCB 6 A - 1300 KvA	7 days	Tue 12/01/27	Tue 19/01/27	124SS
Pemasangan Stop Kontak Ex. Brocco	22 days	Fri 25/12/26	Wed 20/01/27	108
Pemasangan Saklar Ganda Ex. Brocco	1 day	Wed 20/01/27	Thu 21/01/27	126
Pemasangan Saklar Tunggal Ex. Brocco	1 day	Wed 20/01/27	Thu 21/01/27	127SS
Pekerjaan Pemasangan Lampu Downlight 10 Watt Ex. Panasonic	5 days	Thu 21/01/27	Wed 27/01/27	128
Pekerjaan Pemasangan Lampu Hidden Lamp	5 days	Wed 27/01/27	Tue 02/02/27	129
Pekerjaan Pemasangan Lampu Downlight Outbow 10 Watt Ex. Panasonic	3 days	Thu 21/01/27	Mon 25/01/27	129SS
PEKERJAAN ATAP		Sat 11/07/26	Mon 12/10/26	
Pekerjaan Rangka Galvalume C.0,75	15 days	Sat 11/07/26	Tue 28/07/26	62
Pekerjaan Penutup Atap Genteng Beton	12 days	Thu 30/07/26	Wed 12/08/26	133FS+1 day
Pekerjaan Wuwungan Beton	4 days	Thu 13/08/26	Mon 17/08/26	134
Pekerjaan Lisplang	7 days	Tue 18/08/26	Tue 25/08/26	135

Lampiran 12 Hasil

NO	PERTANYAAN	JAWABAN (Hasil Wawancara)	VARIABEL
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1	<p>Apa alasan utama owner meminta percepatan 2 bulan dari durasi awal 824 hari?</p>	<p>Owner menyampaikan bahwa bangunan akan segera digunakan untuk kebutuhan operasional dan persiapan serah-terima unit. Oleh karena itu, percepatan diperlukan agar fungsi bangunan dapat segera dimanfaatkan.</p>	<p>Kebutuhan mendesak, target penggunaan bangunan, instruksi langsung dari owner</p>
2	<p>Apakah terdapat tekanan eksternal (legal, perizinan, penyerahan unit, komitmen pada pembeli) yang membuat proyek harus dipercepat?</p>	<p>Owner menghadapi target penyerahan unit kepada pembeli serta tekanan dari jadwal investor dan komitmen komersial. Keterlambatan proyek dikhawatirkan dapat memengaruhi reputasi dan kewajiban kontraktual.</p>	<p>Deadline serah-terima, tekanan pihak ketiga</p>
3	<p>Apakah progres sebelumnya mengalami keterlambatan sehingga percepatan dilakukan untuk mengejar keterlambatan?</p>	<p>Terdapat beberapa keterlambatan minor pada pekerjaan struktur dan pemasangan dinding bata akibat cuaca dan keterlambatan suplai material. Percepatan dilakukan untuk menutup deviasi progres dan menyesuaikan kembali dengan baseline jadwal.</p>	<p>Deviasi progres, keterlambatan material, kekurangan tenaga kerja</p>
4	<p>Apakah percepatan dilakukan karena adanya peluang finansial (biaya operasional berkurang, percepatan pembayaran owner, bonus penyelesaian)?</p>	<p>Owner menilai bahwa percepatan proyek dapat mempercepat arus kas dari penjualan unit, mengurangi biaya overhead akibat durasi proyek yang panjang, serta menghindari risiko biaya penalti keterlambatan.</p>	<p>Cashflow proyek, pengurangan biaya overhead</p>
5	<p>Apakah ada risiko yang akan muncul bila proyek tidak dipercepat (misalnya keterlambatan serah-terima, penalti, atau komplain pengguna)?</p>	<p>Ya, apabila proyek tidak dipercepat terdapat risiko dikenakannya penalti keterlambatan serta meningkatnya potensi komplain dari pihak terkait.</p>	<p>Risiko penalti keterlambatan</p>
6	<p>Apakah percepatan dilakukan karena adanya permintaan stakeholder lain (misalnya calon pembeli, investor, atau instansi tertentu)?</p>	<p>Percepatan proyek juga dipengaruhi oleh tekanan dari calon pembeli dan investor yang membutuhkan beberapa unit selesai lebih cepat untuk pengecekan fisik, persiapan akad, promosi, dan kegiatan pemasaran, sehingga memengaruhi keseluruhan jadwal proyek.</p>	<p>Tekanan stakeholder, permintaan investor dan pembeli</p>

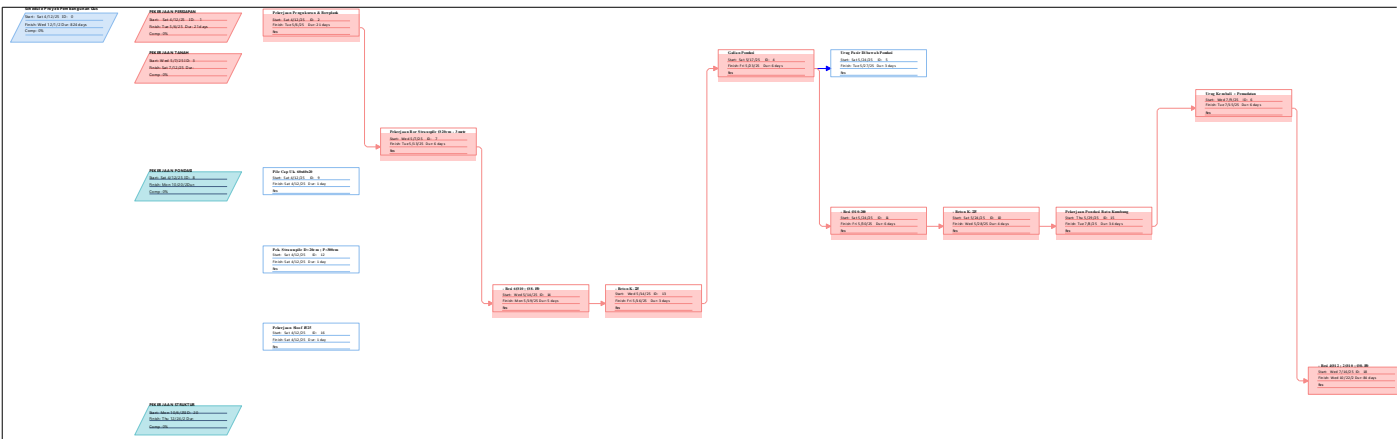
Lampiran 13 Dokumentasi



VIEW - 2
Skala 1 : 100



VIEW - 3
Skala 1 : 100



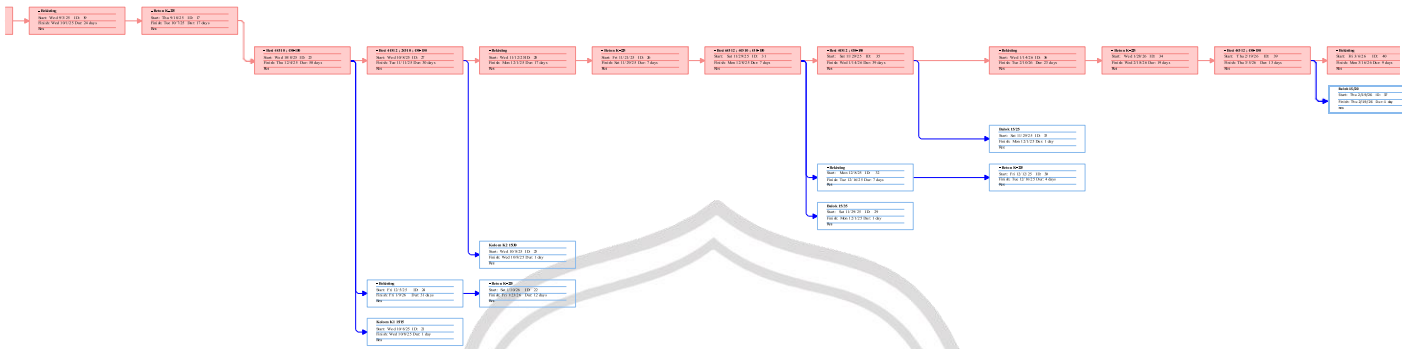
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No. 2: ...
No. 3: ...

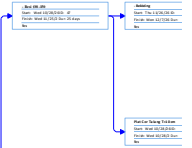
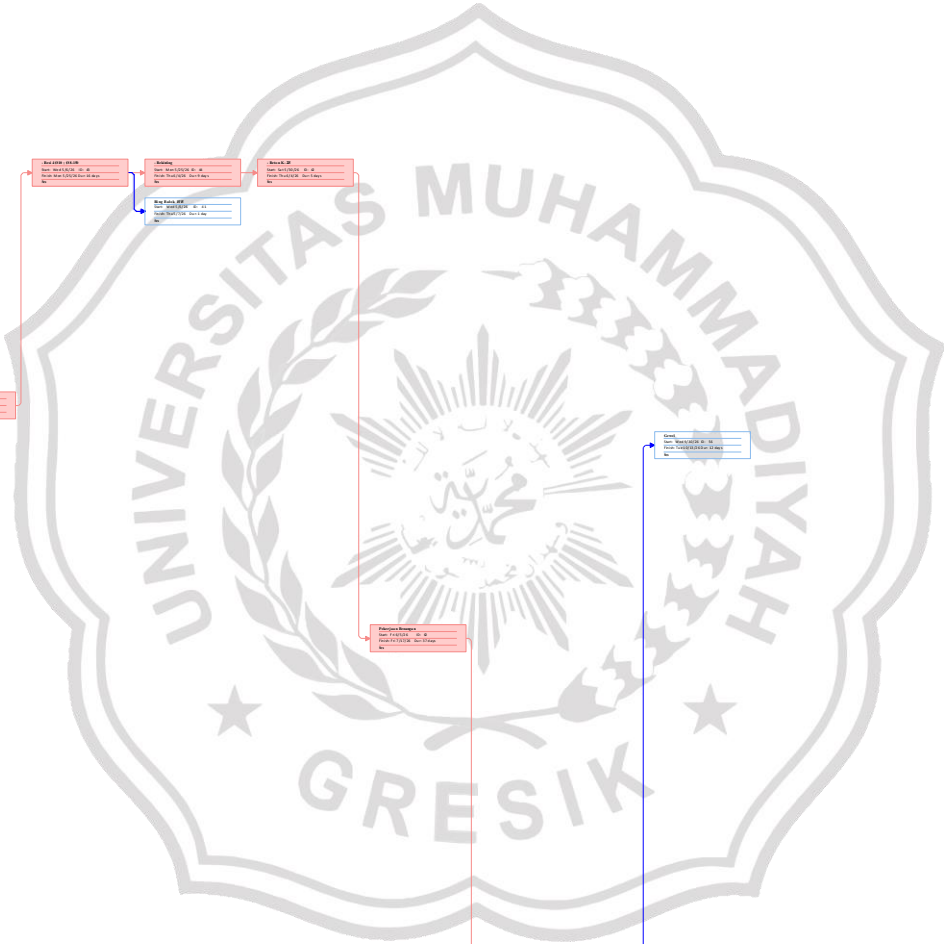
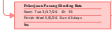
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No. 3: ...
- Kategori 12**
Nama: ...
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No. 2: ...
No. 3: ...
- Kategori 13**
Nama: ...
No. 1: ...
No. 2: ...
No. 3: ...
- Kategori 14**
Nama: ...
No. 1: ...
No. 2: ...
No. 3: ...
- Kategori 15**
Nama: ...
No. 1: ...
No. 2: ...
No. 3: ...
- Kategori 16**
Nama: ...
No. 1: ...
No. 2: ...
No. 3: ...
- Kategori 17**
Nama: ...
No. 1: ...
No. 2: ...
No. 3: ...

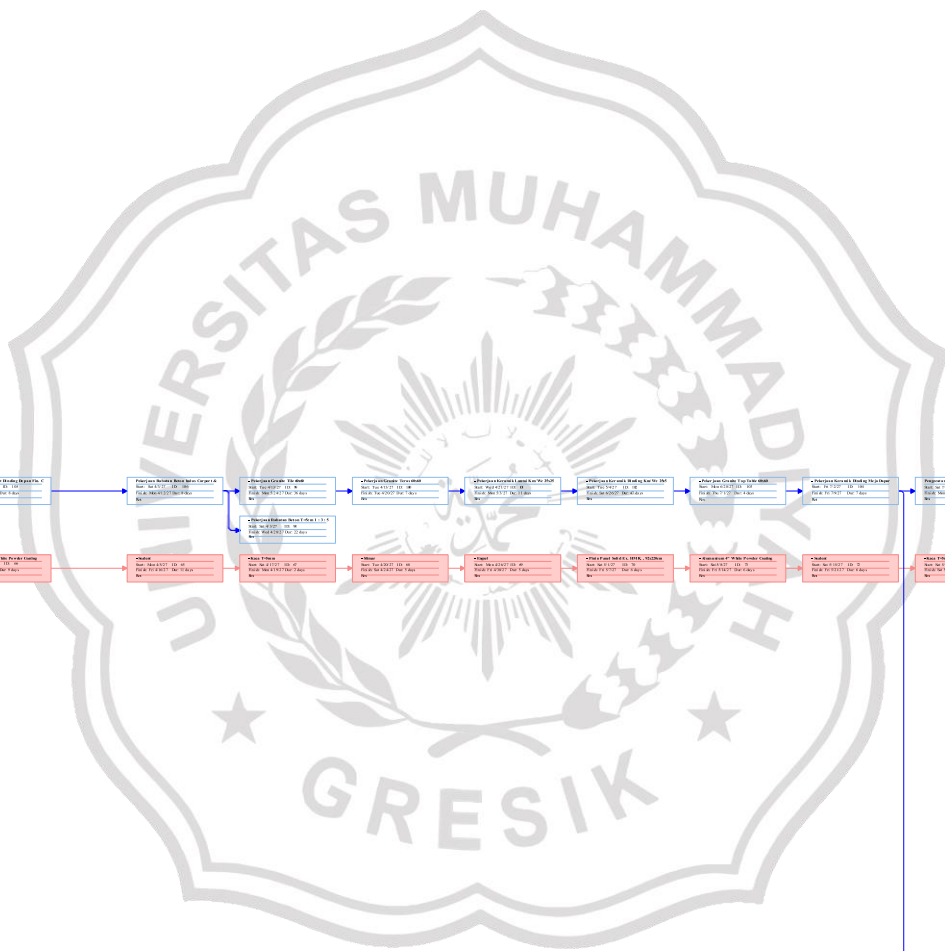
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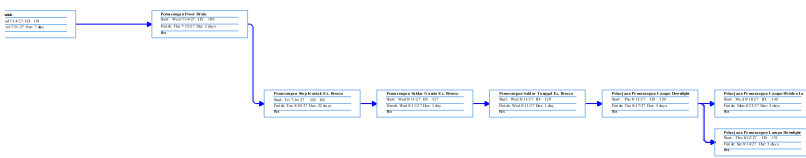
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No. 3: ...

Kategori 20
Nama: ...
No. 1: ...
No. 2: ...
No. 3: ...











1. Nama	2. NPM	3. Tanggal Pengisian	4. Kelas	5. Mata Kuliah
1. Nama	2. NPM	3. Tanggal Pengisian	4. Kelas	5. Mata Kuliah
1. Nama	2. NPM	3. Tanggal Pengisian	4. Kelas	5. Mata Kuliah
1. Nama	2. NPM	3. Tanggal Pengisian	4. Kelas	5. Mata Kuliah
1. Nama	2. NPM	3. Tanggal Pengisian	4. Kelas	5. Mata Kuliah

