

# **LAMPIRAN**

# **LAMPIRAN I**

## **Rencana Anggaran Biaya (RAB)**

No.	Jenis Pekerjaan	Volume	Satuan	Harga Satuan	Jumlah Harga
	<b>PEKERJAAN STRUKTUR</b>				
	<b>BASEMENT</b>				
<b>I.</b>	<b>Pekerjaan Persiapan</b>				<b>411,154,122.72</b>
1	Pembersihan lapangan dan perataan	2,288.89	m2	9,975.00	22,831,649.82
2	Pengukuran dan pemasangan bouwplank	184.21	m1	50,720.25	9,343,055.52
3	Papan nama proyek	1.00	unit	500,000.00	500,000.00
4	Pagar proyek (sewa)	192.21	m1	90,000.00	17,298,684.00
5	Listrik dan air kerja (Instalasi jaringan)	1.00	ls	15,000,000.00	15,000,000.00
6	Direksi kit (sewa)	30.00	m2	1,310,664.19	39,319,925.63
7	Ruang rapat	24.00	m2	1,310,664.19	31,455,940.50
8	Gudang material	48.00	m2	1,310,664.19	62,911,881.00
9	Brak Tenaga	60.00	m2	1,310,664.19	78,639,851.25
10	Brak kerja	48.00	m2	1,310,664.19	62,911,881.00
11	Mushola	20.00	m2	1,310,664.19	26,213,283.75
12	Kamar mandi	12.00	m2	1,310,664.19	15,727,970.25
13	Pengadaan APD	60.00	orang	150,000.00	9,000,000.00
14	Asuransi proyek	1.00	ls	20,000,000.00	20,000,000.00
<b>II.</b>	<b>Pekerjaan Tanah</b>				<b>469,859,095.18</b>
1	galian tanah basement	3,990.90	m3	41,737.50	166,570,293.93
2	galian tanah fondasi	1,293.52	m3	41,737.50	53,988,349.43
3	galian tanah sloof	100.49	m3	41,737.50	4,194,108.38
4	urug pasir bawah sloof	11.73	m3	274,995.00	3,224,401.07
5	urug pasir bawah plat lantai	77.72	m3	274,995.00	21,373,436.39
6	urug tanah kembali	505.40	m3	13,912.50	7,031,430.99

7	lantai kerja/rabat beton bawah fondasi	40.35	m3	790,226.53	31,887,378.89
8	lantai kerja/rabat beton bawah sloof	8.21	m3	790,226.53	6,485,954.60
8	lantai kerja/rabat beton bawah plat lantai	54.41	m3	790,226.53	42,993,143.49
9	buang bekas galian tanah	5,284.42	m3	25,000.00	132,110,598.00
<b>III.</b>	<b>Pekerjaan Fondasi</b>				<b>3,961,749,076.75</b>
1	mobilisasi dan demobilisasi alat bor pile	1.00	ls	75,000,000.00	75,000,000.00
2	Mob dan demob alat Tower Crane	1.00		60,000,000.00	60,000,000.00
3	Sewa tower crane	5.00		145,000,000.00	725,000,000.00
4	BBM tower crane	24,000.00	liter	8,500.00	204,000,000.00
5	Fondasi Tower crane	24.00	m1		
	Besi Tulangan	301.59	kg	1,171.78	353,400.22
	Beton	3.02	m3	780,000.00	2,352,424.58
	Jasa bor pile	24.00	m1	500,000.00	12,000,000.00
6	Soldier pile diameter 30 cm L 42 m	140.00	titik		
	Besi tiang soldier pile	3,958.41	kg	1,171.78	4,638,377.90
	Beton soldier pile	49.48	m3	780,000.00	38,594,465.75
	Jasa pekerjaan buat soldier pile	700.00	m1	110,000.00	77,000,000.00
1	PDA tes	2.00	ttk	25,000,000.00	50,000,000.00
2	upah bor Ø600 +buang lumpur	1,678.00	m1	500,000.00	839,000,000.00
3	potong kepala bor pile	105.00	ttk	237,261.40	24,912,447.30
4	talud batu kali penahan tanah	233.41	m3	658,247.63	153,639,419.10
5	bor pile Ø600				614,473,092.85
	pembesian	52,124.36	kg	1,171.78	61,078,230.32

	beton f'c : 25 MPa	474.37	m3	1,166,587.61	553,394,862.53
6	fondasi F1				338,320,337.96
	bekisting fondasi	241.92	m2	129,860.25	31,415,791.68
	pembesian	20,049.08	kg	1,171.78	23,493,092.02
	beton f'c : 30 MPa	217.73	m3	1,301,676.65	283,411,454.26
7	fondasi F2				82,798,776.16
	bekisting fondasi	60.48	m2	129,860.25	7,853,947.92
	pembesian	3,492.10	kg	1,171.78	4,091,964.68
	beton f'c : 30 MPa	54.43	m3	1,301,676.65	70,852,863.56
8	fondasi F3				28,928,708.34
	bekisting fondasi	31.20	m2	129,860.25	4,051,639.80
	pembesian	2,034.60	kg	1,171.78	2,384,095.98
	beton f'c : 30 MPa	17.28	m3	1,301,676.65	22,492,972.56
9	fondasi F4				304,656,245.48
	bekisting fondasi	70.00	m2	129,860.25	9,090,217.50
	pembesian	18,957.44	kg	1,171.78	22,213,930.89
	beton f'c : 30 MPa	210.00	m3	1,301,676.65	273,352,097.08
10	fondasi F5				142,913,103.09
	bekisting fondasi	47.60	m2	129,860.25	6,181,347.90
	pembesian	7,823.53	kg	1,171.78	9,167,443.22
	beton f'c : 30 MPa	98.00	m3	1,301,676.65	127,564,311.97
	fondasi F6				

11					123,030,308.34
	bekisting fondasi	46.76	m2	129,860.25	6,072,265.29
	pembesian	6,811.59	kg	1,171.78	7,981,673.68
	beton f'c : 30 MPa	83.72	m3	1,301,676.65	108,976,369.37
12	fondasi F7				46,639,742.03
	bekisting fondasi	27.16	m2	129,860.25	3,527,004.39
	pembesian	3,044.77	kg	1,171.78	3,567,800.93
	beton f'c : 30 MPa	30.38	m3	1,301,676.65	39,544,936.71
13	fondasi F8				4,499,409.22
	bekisting fondasi	5.76	m2	129,860.25	747,995.04
	pembesian	322.13	kg	1,171.78	377,468.30
	beton f'c : 30 MPa	2.59	m3	1,301,676.65	3,373,945.88
14	fondasi F9				8,998,818.44
	bekisting fondasi	11.52	m2	129,860.25	1,495,990.08
	pembesian	644.27	kg	1,171.78	754,936.59
	beton f'c : 30 MPa	5.18	m3	1,301,676.65	6,747,891.77
<b>IV.</b>	<b>Pekerjaan Sloof</b>				<b>119,591,851.58</b>
1	sloof S1				101,168,467.50
	bekisting sloof	237.29	m2	138,860.25	32,950,479.77
	pembesian	10,497.22	kg	1,171.78	12,300,426.71
	beton f'c : 30 MPa	42.96	m3	1,301,676.65	55,917,561.02
2	sloof S2				18,423,384.08
	bekisting sloof		m2		

		42.56		138,860.25	5,909,892.24
	pembesian	1,347.87	kg	1,171.78	1,579,407.96
	beton f'c : 30 MPa	8.40	m3	1,301,676.65	10,934,083.88
<b>V.</b>	<b>Pekerjaan Kolom &amp; Shearwall -3.30 s/d -0.05</b>				<b>241,730,230.85</b>
1	kolom K1				37,192,431.45
	bekisting kolom	83.20	m2	135,014.63	11,233,216.80
	pembesian	3,669.05	kg	1,171.78	4,299,315.15
	beton f'c : 30 MPa	16.64	m3	1,301,676.65	21,659,899.50
2	kolom K2				40,948,043.69
	bekisting kolom	93.60	m2	135,014.63	12,637,368.90
	pembesian	3,365.21	kg	1,171.78	3,943,287.85
	beton f'c : 30 MPa	18.72	m3	1,301,676.65	24,367,386.94
3	kolom K3				4,863,821.27
	bekisting kolom	13.00	m2	135,014.63	1,755,190.13
	pembesian	342.34	kg	1,171.78	401,143.71
	beton f'c : 30 MPa	2.08	m3	1,301,676.65	2,707,487.44
4	kolom K4				5,659,362.87
	bekisting kolom	15.60	m2	135,014.63	2,106,228.15
	pembesian	432.86	kg	1,171.78	507,211.35
	beton f'c : 30 MPa	2.34	m3	1,301,676.65	3,045,923.37
5	kolom K6				1,962,445.43
	bekisting kolom	6.50	m2	135,014.63	877,595.06
	pembesian		kg		

		167.66		1,171.78	196,456.05
	beton f'c : 30 MPa	0.68	m3	1,301,676.65	888,394.32
6	kolom KL				3,712,665.45
	bekisting kolom	11.91	m2	135,014.63	1,608,658.32
	pembesian	279.25	kg	1,171.78	327,218.50
	beton f'c : 30 MPa	1.37	m3	1,301,676.65	1,776,788.63
7	shearwall SW1				32,724,839.70
	bekisting dinding	73.84	m2	180,021.85	13,292,813.22
	pembesian	4,279.52	kg	1,171.78	5,014,655.87
	beton f'c : 30 MPa	11.08	m3	1,301,676.65	14,417,370.61
8	shearwall SW2				31,901,860.80
	bekisting dinding	73.84	m2	180,021.85	13,292,813.22
	pembesian	3,577.19	kg	1,171.78	4,191,676.98
	beton f'c : 30 MPa	11.08	m3	1,301,676.65	14,417,370.61
9	shearwall SW3				29,839,266.39
	bekisting dinding	63.38	m2	180,021.85	11,408,884.59
	pembesian	5,168.48	kg	1,171.78	6,056,318.12
	beton f'c : 30 MPa	9.51	m3	1,301,676.65	12,374,063.68
10	shearwall SW4				25,357,173.08
	bekisting dinding	53.63	m2	180,021.85	9,653,671.57
	pembesian	4,465.98	kg	1,171.78	5,233,139.93
	beton f'c : 30 MPa	8.04	m3	1,301,676.65	10,470,361.58



11	shearwall SW5				27,568,320.71
	bekisting dinding	58.99	m2	180,021.85	10,619,038.73
	pembesian	4,635.59	kg	1,171.78	5,431,884.25
	beton f'c : 30 MPa	8.85	m3	1,301,676.65	11,517,397.73
<b>VI.</b>	<b>Pekerjaan tangga -3.30 s/d -0.05</b>				<b>10,204,110.49</b>
1	plat tangga				10,204,110.49
	bekisting tangga	25.57	m2	191,470.50	4,894,943.33
	pembesian	741.70	kg	1,171.78	869,112.46
	beton f'c : 30 MPa	3.41	m3	1,301,676.65	4,440,054.70
<b>VII.</b>	<b>Pekerjaan Balok -0.05</b>				<b>276377387.54</b>
1	balok B1				18,325,430.03
	bekisting balok	34.50	m2	148,963.13	5,138,631.96
	pembesian	1,869.15	kg	1,171.78	2,190,233.71
	beton f'c : 30 MPa	8.45	m3	1,301,676.65	10,996,564.36
2	balok B2				7,488,039.06
	bekisting balok	15.44	m2	148,963.13	2,299,692.72
	pembesian	811.92	kg	1,171.78	951,388.83
	beton f'c : 30 MPa	3.26	m3	1,301,676.65	4,236,957.50
3	balok B3				35,488,398.59
	bekisting balok	73.04	m2	148,963.13	10,880,266.65
	pembesian	3,893.49	kg	1,171.78	4,562,311.49
	beton f'c : 30 MPa	15.40	m3	1,301,676.65	20,045,820.45
	balok B4				

4					20,418,348.19
	bekisting balok	50.46	m2	148,963.13	7,517,275.14
	pembesian	2,905.02	kg	1,171.78	3,404,040.20
	beton f'c : 30 MPa	7.30	m3	1,301,676.65	9,497,032.86
5	balok B5				66,124,925.27
	bekisting balok	156.26	m2	148,963.13	23,277,573.77
	pembesian	5,933.13	kg	1,171.78	6,952,316.13
	beton f'c : 30 MPa	27.58	m3	1,301,676.65	35,895,035.38
6	balok B6				12,040,160.79
	bekisting balok	28.29	m2	148,963.13	4,213,868.88
	pembesian	1,133.59	kg	1,171.78	1,328,322.06
	beton f'c : 30 MPa	4.99	m3	1,301,676.65	6,497,969.85
7	balok B7				3,385,137.17
	bekisting balok	9.07	m2	148,963.13	1,351,393.47
	pembesian	295.94	kg	1,171.78	346,770.76
	beton f'c : 30 MPa	1.30	m3	1,301,676.65	1,686,972.94
8	balok B8				78,714,897.97
	bekisting balok	215.21	m2	148,963.13	32,058,056.21
	pembesian	5,664.97	kg	1,171.78	6,638,094.75
	beton f'c : 30 MPa	30.74	m3	1,301,676.65	40,018,747.01
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian		kg		

		397.50		1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B12				9,953,678.14
	bekisting balok	21.65	m2	148,963.13	3,224,515.39
	pembesian	672.75	kg	1,171.78	788,310.50
	beton f'c : 30 MPa	4.56	m3	1,301,676.65	5,940,852.24
11	balok B13				11,229,662.20
	bekisting balok	29.63	m2	148,963.13	4,414,326.77
	pembesian	1,113.55	kg	1,171.78	1,304,838.31
	beton f'c : 30 MPa	4.23	m3	1,301,676.65	5,510,497.12
12	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
13	balok B15				7,314,228.41
	bekisting balok	19.67	m2	148,963.13	2,930,640.94
	pembesian	648.35	kg	1,171.78	759,719.68
	beton f'c : 30 MPa	2.78	m3	1,301,676.65	3,623,867.80
<b>VIII.</b>	<b>Pekerjaan Plat -3.30</b>				<b>156,718,887.44</b>
1	plat A3				139,013,217.24
	pembesian	15,027.54	kg	1,171.78	17,608,959.86
	beton f'c : 30 MPa	93.27	m3	1,301,676.65	121,404,257.38

2	plat dinding pit lift				17,705,670.20
	bekisting dinding	45.22	m2	180,021.85	8,139,867.86
	pembesian	629.22	kg	1,171.78	737,310.62
	beton f'c : 30 MPa	6.78	m3	1,301,676.65	8,828,491.73
<b>IX.</b>	<b>Pekerjaan Plat -0.05</b>				<b>364,649,519.26</b>
1	plat A1				364,649,519.26
	bekisting plat	993.86	m2	193,140.13	191,954,119.09
	pembesian	14,894.77	kg	1,171.78	17,453,378.72
	beton f'c : 30 MPa	119.26	m3	1,301,676.65	155,242,021.44
	<b>LANTAI 1</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall -0.05 s/d +4.45</b>				<b>353,698,519.19</b>
1	kolom K1				50,776,993.48
	bekisting kolom	115.20	m2	135,014.63	15,553,684.80
	pembesian	4,465.58	kg	1,171.78	5,232,678.60
	beton f'c : 30 MPa	23.04	m3	1,301,676.65	29,990,630.08
2	kolom K2				56,089,606.23
	bekisting kolom	129.60	m2	135,014.63	17,497,895.40
	pembesian	4,140.93	kg	1,171.78	4,852,251.99
	beton f'c : 30 MPa	25.92	m3	1,301,676.65	33,739,458.84
3	kolom K3				6,670,679.60
	bekisting kolom	18.00	m2	135,014.63	2,430,263.25
	pembesian	419.52	kg	1,171.78	491,587.59
	beton f'c : 30 MPa	2.88	m3	1,301,676.65	3,748,828.76

4	kolom K4				7,756,238.21
	bekisting kolom	21.60	m2	135,014.63	2,916,315.90
	pembesian	531.23	kg	1,171.78	622,489.95
	beton f'c : 30 MPa	3.24	m3	1,301,676.65	4,217,432.36
5	kolom K5				23,951,571.12
	bekisting kolom	66.72	m2	135,014.63	9,008,175.78
	pembesian	1,635.30	kg	1,171.78	1,916,215.40
	beton f'c : 30 MPa	10.01	m3	1,301,676.65	13,027,179.94
6	kolom K6				2,685,311.06
	bekisting kolom	9.00	m2	135,014.63	1,215,131.63
	pembesian	204.90	kg	1,171.78	240,095.00
	beton f'c : 30 MPa	0.95	m3	1,301,676.65	1,230,084.44
7	kolom KL				5,092,732.09
	bekisting kolom	16.50	m2	135,014.63	2,227,373.06
	pembesian	345.79	kg	1,171.78	405,190.16
	beton f'c : 30 MPa	1.89	m3	1,301,676.65	2,460,168.87
8	shearwall SW1				44,079,987.85
	bekisting dinding	102.24	m2	180,021.85	18,405,433.69
	pembesian	4,874.67	kg	1,171.78	5,712,041.02
	beton f'c : 30 MPa	15.34	m3	1,301,676.65	19,962,513.15
9	shearwall SW2				42,280,630.94
	bekisting dinding		m2		

		102.24		180,021.85	18,405,433.69
	pembesian	3,339.10	kg	1,171.78	3,912,684.10
	beton f'c : 30 MPa	15.34	m3	1,301,676.65	19,962,513.15
10	shearwall SW3				41,214,143.01
	bekisting dinding	87.75	m2	180,021.85	15,796,917.12
	pembesian	7,069.51	kg	1,171.78	8,283,906.95
	beton f'c : 30 MPa	13.16	m3	1,301,676.65	17,133,318.94
11	shearwall SW4				35,023,823.70
	bekisting dinding	74.25	m2	180,021.85	13,366,622.18
	pembesian	6,110.18	kg	1,171.78	7,159,777.80
	beton f'c : 30 MPa	11.14	m3	1,301,676.65	14,497,423.72
12	shearwall SW5				38,076,801.91
	bekisting dinding	81.68	m2	180,021.85	14,703,284.39
	pembesian	6,337.67	kg	1,171.78	7,426,351.42
	beton f'c : 30 MPa	12.25	m3	1,301,676.65	15,947,166.09
<b>II.</b>	<b>Pekerjaan Balok +4.45</b>				<b>267,631,614.62</b>
1	balok B1				18,325,430.03
	bekisting balok	34.50	m2	148,963.13	5,138,631.96
	pembesian	1,869.15	kg	1,171.78	2,190,233.71
	beton f'c : 30 MPa	8.45	m3	1,301,676.65	10,996,564.36
2	balok B2				7,488,039.06
	bekisting balok	15.44	m2	148,963.13	2,299,692.72
	pembesian		kg		

		811.92		1,171.78	951,388.83
	beton f'c : 30 MPa	3.26	m3	1,301,676.65	4,236,957.50
3	balok B3				35,488,398.59
	bekisting balok	73.04	m2	148,963.13	10,880,266.65
	pembesian	3,893.49	kg	1,171.78	4,562,311.49
	beton f'c : 30 MPa	15.40	m3	1,301,676.65	20,045,820.45
4	balok B4				20,418,348.19
	bekisting balok	50.46	m2	148,963.13	7,517,275.14
	pembesian	2,905.02	kg	1,171.78	3,404,040.20
	beton f'c : 30 MPa	7.30	m3	1,301,676.65	9,497,032.86
5	balok B5				49,550,605.11
	bekisting balok	117.10	m2	148,963.13	17,442,986.09
	pembesian	4,446.04	kg	1,171.78	5,209,772.68
	beton f'c : 30 MPa	20.66	m3	1,301,676.65	26,897,846.35
6	balok B6				12,040,160.79
	bekisting balok	28.29	m2	148,963.13	4,213,868.88
	pembesian	1,133.59	kg	1,171.78	1,328,322.06
	beton f'c : 30 MPa	4.99	m3	1,301,676.65	6,497,969.85
7	balok B7				3,385,137.17
	bekisting balok	9.07	m2	148,963.13	1,351,393.47
	pembesian	295.94	kg	1,171.78	346,770.76
	beton f'c : 30 MPa	1.30	m3	1,301,676.65	1,686,972.94

8	balok B8				71,756,635.36
	bekisting balok	196.18	m2	148,963.13	29,223,883.79
	pembesian	5,164.76	kg	1,171.78	6,051,961.71
	beton f'c : 30 MPa	28.03	m3	1,301,676.65	36,480,789.87
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				5,577,575.76
	bekisting balok	11.41	m2	148,963.13	1,700,091.12
	pembesian	635.99	kg	1,171.78	745,234.07
	beton f'c : 30 MPa	2.41	m3	1,301,676.65	3,132,250.56
11	balok B11				12,493,015.04
	bekisting balok	40.18	m2	148,963.13	5,985,384.84
	pembesian	936.27	kg	1,171.78	1,097,101.86
	beton f'c : 30 MPa	4.16	m3	1,301,676.65	5,410,528.35
12	balok B12				9,953,678.14
	bekisting balok	21.65	m2	148,963.13	3,224,515.39
	pembesian	672.75	kg	1,171.78	788,310.50
	beton f'c : 30 MPa	4.56	m3	1,301,676.65	5,940,852.24
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32



	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				9,786,034.12
	bekisting balok	26.40	m2	148,963.13	3,933,216.99
	pembesian	844.20	kg	1,171.78	989,219.46
	beton f'c : 30 MPa	3.74	m3	1,301,676.65	4,863,597.66
<b>III.</b>	<b>Pekerjaan Plat +4.45</b>				<b>323,433,652.40</b>
1	plat A1				312,435,486.37
	bekisting plat	851.52	m2	193,140.13	164,462,164.74
	pembesian	12,771.43	kg	1,171.78	14,965,293.33
	beton f'c : 30 MPa	102.18	m3	1,301,676.65	133,008,028.30
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13
	beton f'c : 30 MPa	3.56	m3	1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga -0.05 s/d +4.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga		m2		

		51.13		191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 2</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +4.45 s/d +8.45</b>				<b>302,847,697.31</b>
1	kolom K1				44,373,444.82
	bekisting kolom	102.40	m2	135,014.63	13,825,497.60
	pembesian	3,319.41	kg	1,171.78	3,889,609.37
	beton f'c : 30 MPa	20.48	m3	1,301,676.65	26,658,337.85
2	kolom K2				49,920,125.42
	bekisting kolom	115.20	m2	135,014.63	15,553,684.80
	pembesian	3,734.33	kg	1,171.78	4,375,810.54
	beton f'c : 30 MPa	23.04	m3	1,301,676.65	29,990,630.08
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K4				6,902,667.57
	bekisting kolom	19.20	m2	135,014.63	2,592,280.80
	pembesian	479.24	kg	1,171.78	561,558.01
	beton f'c : 30 MPa	2.88	m3	1,301,676.65	3,748,828.76
5	kolom K5				13,805,335.14
	bekisting kolom	38.40	m2	135,014.63	5,184,561.60

	pembesian	958.47	kg	1,171.78	1,123,116.02
	beton f'c : 30 MPa	5.76	m3	1,301,676.65	7,497,657.52
6	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian	184.94	kg	1,171.78	216,711.22
	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
7	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
8	shearwall SW1				39,208,737.03
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	4,355.68	kg	1,171.78	5,103,895.40
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
9	shearwall SW2				37,596,813.13
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,980.06	kg	1,171.78	3,491,971.50
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
10	shearwall SW3				35,948,553.25
	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	5,698.37	kg	1,171.78	6,677,232.31
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84

11	shearwall SW4				29,824,393.08
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	4,315.11	kg	1,171.78	5,056,352.28
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86
12	shearwall SW5				32,409,498.25
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	4,407.53	kg	1,171.78	5,164,653.37
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +8.45</b>				<b>265,244,045.56</b>
1	balok B1				18,325,430.03
	bekisting balok	34.50	m2	148,963.13	5,138,631.96
	pembesian	1,869.15	kg	1,171.78	2,190,233.71
	beton f'c : 30 MPa	8.45	m3	1,301,676.65	10,996,564.36
2	balok B2				7,488,039.06
	bekisting balok	15.44	m2	148,963.13	2,299,692.72
	pembesian	811.92	kg	1,171.78	951,388.83
	beton f'c : 30 MPa	3.26	m3	1,301,676.65	4,236,957.50
3	balok B3				35,488,398.59
	bekisting balok	73.04	m2	148,963.13	10,880,266.65
	pembesian	3,893.49	kg	1,171.78	4,562,311.49
	beton f'c : 30 MPa	15.40	m3	1,301,676.65	20,045,820.45
	balok B4				

4					20,418,348.19
	bekisting balok	50.46	m2	148,963.13	7,517,275.14
	pembesian	2,905.02	kg	1,171.78	3,404,040.20
	beton f'c : 30 MPa	7.30	m3	1,301,676.65	9,497,032.86
5	balok B5				66,124,925.27
	bekisting balok	156.26	m2	148,963.13	23,277,573.77
	pembesian	5,933.13	kg	1,171.78	6,952,316.13
	beton f'c : 30 MPa	27.58	m3	1,301,676.65	35,895,035.38
6	balok B6				31,444,249.13
	bekisting balok	74.26	m2	148,963.13	11,061,405.81
	pembesian	2,838.14	kg	1,171.78	3,325,672.46
	beton f'c : 30 MPa	13.10	m3	1,301,676.65	17,057,170.86
7	balok B7				13,866,072.57
	bekisting balok	37.18	m2	148,963.13	5,539,061.52
	pembesian	1,205.42	kg	1,171.78	1,412,483.84
	beton f'c : 30 MPa	5.31	m3	1,301,676.65	6,914,527.21
8	balok B8				13,600,647.37
	bekisting balok	37.18	m2	148,963.13	5,539,061.52
	pembesian	978.90	kg	1,171.78	1,147,058.64
	beton f'c : 30 MPa	5.31	m3	1,301,676.65	6,914,527.21
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian		kg		

		397.50		1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B11				4,415,617.62
	bekisting balok	14.08	m2	148,963.13	2,097,378.16
	pembesian	360.39	kg	1,171.78	422,300.56
	beton f'c : 30 MPa	1.46	m3	1,301,676.65	1,895,938.91
11	balok B12				9,953,678.14
	bekisting balok	21.65	m2	148,963.13	3,224,515.39
	pembesian	672.75	kg	1,171.78	788,310.50
	beton f'c : 30 MPa	4.56	m3	1,301,676.65	5,940,852.24
12	balok B13				28,437,901.59
	bekisting balok	75.44	m2	148,963.13	11,237,812.71
	pembesian	2,706.73	kg	1,171.78	3,171,690.50
	beton f'c : 30 MPa	10.78	m3	1,301,676.65	14,028,398.38
13	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
14	balok B15				9,786,256.28
	bekisting balok	26.40	m2	148,963.13	3,933,311.73
	pembesian	844.21	kg	1,171.78	989,229.74
	beton f'c : 30 MPa	3.74	m3	1,301,676.65	4,863,714.81

<b>III.</b>	<b>Pekerjaan Plat +8.45</b>				<b>358,560,183.07</b>
1	plat A2				358,560,183.07
	bekisting plat	971.79	m2	193,140.13	187,691,177.53
	pembesian	16,278.34	kg	1,171.78	19,074,618.70
	beton f'c : 30 MPa	116.61	m3	1,301,676.65	151,794,386.83
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13
	beton f'c : 30 MPa	3.56	m3	1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga +4.45 s/d +8.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga	51.13	m2	191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 3</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +8.45 s/d +12.45</b>				<b>278,968,527.15</b>
1	kolom K1				44,373,444.82
	bekisting kolom	102.40	m2	135,014.63	13,825,497.60
	pembesian	3,319.41	kg	1,171.78	3,889,609.37
	beton f'c : 30 MPa	20.48	m3	1,301,676.65	26,658,337.85
2	kolom K2				49,920,125.42
	bekisting kolom	115.20	m2	135,014.63	15,553,684.80
	pembesian	3,734.33	kg	1,171.78	4,375,810.54

	beton f'c : 30 MPa	23.04	m3	1,301,676.65	29,990,630.08
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian	184.94	kg	1,171.78	216,711.22
	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
5	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
6	shearwall SW1				39,208,737.03
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	4,355.68	kg	1,171.78	5,103,895.40
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
7	shearwall SW2				36,981,736.90
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,455.15	kg	1,171.78	2,876,895.27
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
	shearwall SW3				



8					34,482,072.73
	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	4,446.87	kg	1,171.78	5,210,751.78
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84
9	shearwall SW4				29,304,662.45
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	3,871.57	kg	1,171.78	4,536,621.65
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86
10	shearwall SW5				31,839,618.18
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	3,921.19	kg	1,171.78	4,594,773.30
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +12.45</b>				<b>218,935,122.40</b>
1	balok B1				18,620,769.06
	bekisting balok	35.08	m2	148,963.13	5,226,222.28
	pembesian	1,886.48	kg	1,171.78	2,210,540.98
	beton f'c : 30 MPa	8.59	m3	1,301,676.65	11,184,005.80
2	balok B2				7,526,260.42
	bekisting balok	15.52	m2	148,963.13	2,312,056.66
	pembesian	814.55	kg	1,171.78	954,466.91
	beton f'c : 30 MPa	3.27	m3	1,301,676.65	4,259,736.85
3	balok B3				36,064,345.82
	bekisting balok		m2		

		74.29		148,963.13	11,065,725.74
	pembesian	3,935.14	kg	1,171.78	4,611,109.50
	beton f'c : 30 MPa	15.66	m3	1,301,676.65	20,387,510.57
4	balok B4				16,311,787.14
	bekisting balok	40.26	m2	148,963.13	5,996,510.60
	pembesian	2,337.91	kg	1,171.78	2,739,518.42
	beton f'c : 30 MPa	5.82	m3	1,301,676.65	7,575,758.12
5	balok B5				63,263,099.23
	bekisting balok	149.60	m2	148,963.13	22,284,883.50
	pembesian	5,644.37	kg	1,171.78	6,613,952.10
	beton f'c : 30 MPa	26.40	m3	1,301,676.65	34,364,263.63
6	balok B6				12,260,975.29
	bekisting balok	28.83	m2	148,963.13	4,294,904.82
	pembesian	1,146.24	kg	1,171.78	1,343,139.66
	beton f'c : 30 MPa	5.09	m3	1,301,676.65	6,622,930.81
7	balok B7				3,407,754.08
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	297.23	kg	1,171.78	348,287.90
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
8	balok B8				3,342,252.79
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	241.33	kg	1,171.78	282,786.61
	beton f'c : 30 MPa		m3		

		1.31		1,301,676.65	1,698,688.03
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				10,060,983.95
	bekisting balok	21.09	m2	148,963.13	3,142,023.19
	pembesian	964.42	kg	1,171.78	1,130,092.29
	beton f'c : 30 MPa	4.45	m3	1,301,676.65	5,788,868.48
11	balok B11				17,700,525.44
	bekisting balok	56.34	m2	148,963.13	8,392,450.18
	pembesian	1,469.27	kg	1,171.78	1,721,664.22
	beton f'c : 30 MPa	5.83	m3	1,301,676.65	7,586,411.04
12	balok B12				10,029,722.12
	bekisting balok	21.81	m2	148,963.13	3,249,243.27
	pembesian	677.66	kg	1,171.78	794,067.92
	beton f'c : 30 MPa	4.60	m3	1,301,676.65	5,986,410.93
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32
	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57

	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				8,978,089.81
	bekisting balok	24.23	m2	148,963.13	3,609,614.86
	pembesian	772.35	kg	1,171.78	905,025.71
	beton f'c : 30 MPa	3.43	m3	1,301,676.65	4,463,449.24
<b>III.</b>	<b>Pekerjaan Plat +12.45</b>				<b>364,486,563.80</b>
1	plat A1				353,488,397.78
	bekisting plat	963.41	m2	193,140.13	186,074,063.61
	pembesian	14,446.22	kg	1,171.78	16,927,780.88
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	150,486,553.29
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13
	beton f'c : 30 MPa	3.56	m3	1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga +8.45 s/d +12.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga	51.13	m2	191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 4</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp;</b>				

	<b>Shearwall +12.45 s/d +16.45</b>				<b>258,599,753.25</b>
1	kolom K1				35,635,729.31
	bekisting kolom	89.60	m2	135,014.63	12,097,310.40
	pembesian	2,669.56	kg	1,171.78	3,128,128.99
	beton f'c : 30 MPa	15.68	m3	1,301,676.65	20,410,289.92
2	kolom K2				40,090,195.47
	bekisting kolom	100.80	m2	135,014.63	13,609,474.20
	pembesian	3,003.25	kg	1,171.78	3,519,145.11
	beton f'c : 30 MPa	17.64	m3	1,301,676.65	22,961,576.16
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian	184.94	kg	1,171.78	216,711.22
	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
5	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
6	shearwall SW1				37,873,377.55
	bekisting dinding		m2		

		90.88		180,021.85	16,360,385.50
	pembesian	3,216.08	kg	1,171.78	3,768,535.92
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
7	shearwall SW2				36,515,967.95
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,057.66	kg	1,171.78	2,411,126.32
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
8	shearwall SW3				34,482,072.73
	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	4,446.87	kg	1,171.78	5,210,751.78
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84
9	shearwall SW4				29,304,662.45
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	3,871.57	kg	1,171.78	4,536,621.65
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86
10	shearwall SW5				31,839,618.18
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	3,921.19	kg	1,171.78	4,594,773.30
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +16.45</b>				<b>218,935,122.40</b>
1	balok B1				18,620,769.06
	bekisting balok	35.08	m2	148,963.13	5,226,222.28
	pembesian		kg		

		1,886.48		1,171.78	2,210,540.98
	beton f'c : 30 MPa	8.59	m3	1,301,676.65	11,184,005.80
2	balok B2				7,526,260.42
	bekisting balok	15.52	m2	148,963.13	2,312,056.66
	pembesian	814.55	kg	1,171.78	954,466.91
	beton f'c : 30 MPa	3.27	m3	1,301,676.65	4,259,736.85
3	balok B3				36,064,345.82
	bekisting balok	74.29	m2	148,963.13	11,065,725.74
	pembesian	3,935.14	kg	1,171.78	4,611,109.50
	beton f'c : 30 MPa	15.66	m3	1,301,676.65	20,387,510.57
4	balok B4				16,311,787.14
	bekisting balok	40.26	m2	148,963.13	5,996,510.60
	pembesian	2,337.91	kg	1,171.78	2,739,518.42
	beton f'c : 30 MPa	5.82	m3	1,301,676.65	7,575,758.12
5	balok B5				63,263,099.23
	bekisting balok	149.60	m2	148,963.13	22,284,883.50
	pembesian	5,644.37	kg	1,171.78	6,613,952.10
	beton f'c : 30 MPa	26.40	m3	1,301,676.65	34,364,263.63
6	balok B6				12,260,975.29
	bekisting balok	28.83	m2	148,963.13	4,294,904.82
	pembesian	1,146.24	kg	1,171.78	1,343,139.66
	beton f'c : 30 MPa	5.09	m3	1,301,676.65	6,622,930.81

7	balok B7				3,407,754.08
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	297.23	kg	1,171.78	348,287.90
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
8	balok B8				3,342,252.79
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	241.33	kg	1,171.78	282,786.61
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				10,060,983.95
	bekisting balok	21.09	m2	148,963.13	3,142,023.19
	pembesian	964.42	kg	1,171.78	1,130,092.29
	beton f'c : 30 MPa	4.45	m3	1,301,676.65	5,788,868.48
11	balok B11				17,700,525.44
	bekisting balok	56.34	m2	148,963.13	8,392,450.18
	pembesian	1,469.27	kg	1,171.78	1,721,664.22
	beton f'c : 30 MPa	5.83	m3	1,301,676.65	7,586,411.04
12	balok B12				10,029,722.12
	bekisting balok	21.81	m2	148,963.13	3,249,243.27



	pembesian	677.66	kg	1,171.78	794,067.92
	beton f'c : 30 MPa	4.60	m3	1,301,676.65	5,986,410.93
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32
	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				8,978,089.81
	bekisting balok	24.23	m2	148,963.13	3,609,614.86
	pembesian	772.35	kg	1,171.78	905,025.71
	beton f'c : 30 MPa	3.43	m3	1,301,676.65	4,463,449.24
<b>III.</b>	<b>Pekerjaan Plat +16.45</b>				<b>364,486,563.80</b>
1	plat A1				353,488,397.78
	bekisting plat	963.41	m2	193,140.13	186,074,063.61
	pembesian	14,446.22	kg	1,171.78	16,927,780.88
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	150,486,553.29
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13

	beton f'c : 30 MPa	3.56	m3	1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga +12.45 s/d +16.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga	51.13	m2	191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 5</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +16.45 s/d +20.45</b>				<b>256,370,730.86</b>
1	kolom K1				35,635,729.31
	bekisting kolom	89.60	m2	135,014.63	12,097,310.40
	pembesian	2,669.56	kg	1,171.78	3,128,128.99
	beton f'c : 30 MPa	15.68	m3	1,301,676.65	20,410,289.92
2	kolom K2				40,090,195.47
	bekisting kolom	100.80	m2	135,014.63	13,609,474.20
	pembesian	3,003.25	kg	1,171.78	3,519,145.11
	beton f'c : 30 MPa	17.64	m3	1,301,676.65	22,961,576.16
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian		kg		

		184.94		1,171.78	216,711.22
	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
5	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
6	shearwall SW1				37,873,377.55
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	3,216.08	kg	1,171.78	3,768,535.92
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
7	shearwall SW2				36,515,967.95
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,057.66	kg	1,171.78	2,411,126.32
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
8	shearwall SW3				34,482,072.73
	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	4,446.87	kg	1,171.78	5,210,751.78
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84
9	shearwall SW4				28,242,503.70
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	2,965.12	kg	1,171.78	3,474,462.90
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86

10	shearwall SW5				30,672,754.54
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	2,925.39	kg	1,171.78	3,427,909.67
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +20.45</b>				<b>218,935,122.40</b>
1	balok B1				18,620,769.06
	bekisting balok	35.08	m2	148,963.13	5,226,222.28
	pembesian	1,886.48	kg	1,171.78	2,210,540.98
	beton f'c : 30 MPa	8.59	m3	1,301,676.65	11,184,005.80
2	balok B2				7,526,260.42
	bekisting balok	15.52	m2	148,963.13	2,312,056.66
	pembesian	814.55	kg	1,171.78	954,466.91
	beton f'c : 30 MPa	3.27	m3	1,301,676.65	4,259,736.85
3	balok B3				36,064,345.82
	bekisting balok	74.29	m2	148,963.13	11,065,725.74
	pembesian	3,935.14	kg	1,171.78	4,611,109.50
	beton f'c : 30 MPa	15.66	m3	1,301,676.65	20,387,510.57
4	balok B4				16,311,787.14
	bekisting balok	40.26	m2	148,963.13	5,996,510.60
	pembesian	2,337.91	kg	1,171.78	2,739,518.42
	beton f'c : 30 MPa	5.82	m3	1,301,676.65	7,575,758.12
5	balok B5				63,263,099.23

	bekisting balok	149.60	m2	148,963.13	22,284,883.50
	pembesian	5,644.37	kg	1,171.78	6,613,952.10
	beton f'c : 30 MPa	26.40	m3	1,301,676.65	34,364,263.63
6	balok B6				12,260,975.29
	bekisting balok	28.83	m2	148,963.13	4,294,904.82
	pembesian	1,146.24	kg	1,171.78	1,343,139.66
	beton f'c : 30 MPa	5.09	m3	1,301,676.65	6,622,930.81
7	balok B7				3,407,754.08
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	297.23	kg	1,171.78	348,287.90
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
8	balok B8				3,342,252.79
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	241.33	kg	1,171.78	282,786.61
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				10,060,983.95
	bekisting balok	21.09	m2	148,963.13	3,142,023.19
	pembesian	964.42	kg	1,171.78	1,130,092.29

	beton f'c : 30 MPa	4.45	m3	1,301,676.65	5,788,868.48
11	balok B11				17,700,525.44
	bekisting balok	56.34	m2	148,963.13	8,392,450.18
	pembesian	1,469.27	kg	1,171.78	1,721,664.22
	beton f'c : 30 MPa	5.83	m3	1,301,676.65	7,586,411.04
12	balok B12				10,029,722.12
	bekisting balok	21.81	m2	148,963.13	3,249,243.27
	pembesian	677.66	kg	1,171.78	794,067.92
	beton f'c : 30 MPa	4.60	m3	1,301,676.65	5,986,410.93
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32
	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				8,978,089.81
	bekisting balok	24.23	m2	148,963.13	3,609,614.86
	pembesian	772.35	kg	1,171.78	905,025.71
	beton f'c : 30 MPa	3.43	m3	1,301,676.65	4,463,449.24
<b>III.</b>	<b>Pekerjaan Plat +20.45</b>				

					<b>353,488,397.78</b>
1	plat A1				353,488,397.78
	bekisting plat	963.41	m2	193,140.13	186,074,063.61
	pembesian	14,446.22	kg	1,171.78	16,927,780.88
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	150,486,553.29
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13
	beton f'c : 30 MPa	3.56	m3	1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga +16.45 s/d +20.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga	51.13	m2	191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 6</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +20.45 s/d +24.45</b>				<b>254,375,866.22</b>
1	kolom K1				35,635,729.31
	bekisting kolom	89.60	m2	135,014.63	12,097,310.40
	pembesian	2,669.56	kg	1,171.78	3,128,128.99
	beton f'c : 30 MPa	15.68	m3	1,301,676.65	20,410,289.92
2	kolom K2				40,090,195.47
	bekisting kolom	100.80	m2	135,014.63	13,609,474.20
	pembesian	3,003.25	kg	1,171.78	3,519,145.11
	beton f'c : 30 MPa		m3		

		17.64		1,301,676.65	22,961,576.16
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian	184.94	kg	1,171.78	216,711.22
	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
5	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
6	shearwall SW1				37,131,044.18
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,582.57	kg	1,171.78	3,026,202.54
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
7	shearwall SW2				36,515,967.95
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,057.66	kg	1,171.78	2,411,126.32
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
8	shearwall SW3				33,229,541.46



	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	3,377.96	kg	1,171.78	3,958,220.52
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84
9	shearwall SW4				28,242,503.70
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	2,965.12	kg	1,171.78	3,474,462.90
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86
10	shearwall SW5				30,672,754.54
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	2,925.39	kg	1,171.78	3,427,909.67
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +24.45</b>				<b>218,935,122.40</b>
1	balok B1				18,620,769.06
	bekisting balok	35.08	m2	148,963.13	5,226,222.28
	pembesian	1,886.48	kg	1,171.78	2,210,540.98
	beton f'c : 30 MPa	8.59	m3	1,301,676.65	11,184,005.80
2	balok B2				7,526,260.42
	bekisting balok	15.52	m2	148,963.13	2,312,056.66
	pembesian	814.55	kg	1,171.78	954,466.91
	beton f'c : 30 MPa	3.27	m3	1,301,676.65	4,259,736.85
3	balok B3				36,064,345.82
	bekisting balok	74.29	m2	148,963.13	11,065,725.74

	pembesian	3,935.14	kg	1,171.78	4,611,109.50
	beton f'c : 30 MPa	15.66	m3	1,301,676.65	20,387,510.57
4	balok B4				16,311,787.14
	bekisting balok	40.26	m2	148,963.13	5,996,510.60
	pembesian	2,337.91	kg	1,171.78	2,739,518.42
	beton f'c : 30 MPa	5.82	m3	1,301,676.65	7,575,758.12
5	balok B5				63,263,099.23
	bekisting balok	149.60	m2	148,963.13	22,284,883.50
	pembesian	5,644.37	kg	1,171.78	6,613,952.10
	beton f'c : 30 MPa	26.40	m3	1,301,676.65	34,364,263.63
6	balok B6				12,260,975.29
	bekisting balok	28.83	m2	148,963.13	4,294,904.82
	pembesian	1,146.24	kg	1,171.78	1,343,139.66
	beton f'c : 30 MPa	5.09	m3	1,301,676.65	6,622,930.81
7	balok B7				3,407,754.08
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	297.23	kg	1,171.78	348,287.90
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
8	balok B8				3,342,252.79
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	241.33	kg	1,171.78	282,786.61
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03

9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				10,060,983.95
	bekisting balok	21.09	m2	148,963.13	3,142,023.19
	pembesian	964.42	kg	1,171.78	1,130,092.29
	beton f'c : 30 MPa	4.45	m3	1,301,676.65	5,788,868.48
11	balok B11				17,700,525.44
	bekisting balok	56.34	m2	148,963.13	8,392,450.18
	pembesian	1,469.27	kg	1,171.78	1,721,664.22
	beton f'c : 30 MPa	5.83	m3	1,301,676.65	7,586,411.04
12	balok B12				10,029,722.12
	bekisting balok	21.81	m2	148,963.13	3,249,243.27
	pembesian	677.66	kg	1,171.78	794,067.92
	beton f'c : 30 MPa	4.60	m3	1,301,676.65	5,986,410.93
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32
	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57
	bekisting balok		m2		

		4.74		148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				8,978,089.81
	bekisting balok	24.23	m2	148,963.13	3,609,614.86
	pembesian	772.35	kg	1,171.78	905,025.71
	beton f'c : 30 MPa	3.43	m3	1,301,676.65	4,463,449.24
<b>III.</b>	<b>Pekerjaan Plat +24.45</b>				<b>353,488,397.78</b>
1	plat A1				353,488,397.78
	bekisting plat	963.41	m2	193,140.13	186,074,063.61
	pembesian	14,446.22	kg	1,171.78	16,927,780.88
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	150,486,553.29
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13
	beton f'c : 30 MPa	3.56	m3	1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga +20.45 s/d +24.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga	51.13	m2	191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 7</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +24.45 s/d +28.45</b>				<b>252,606,616.56</b>

1	kolom K1				35,635,729.31
	bekisting kolom	89.60	m2	135,014.63	12,097,310.40
	pembesian	2,669.56	kg	1,171.78	3,128,128.99
	beton f'c : 30 MPa	15.68	m3	1,301,676.65	20,410,289.92
2	kolom K2				40,090,195.47
	bekisting kolom	100.80	m2	135,014.63	13,609,474.20
	pembesian	3,003.25	kg	1,171.78	3,519,145.11
	beton f'c : 30 MPa	17.64	m3	1,301,676.65	22,961,576.16
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian	184.94	kg	1,171.78	216,711.22
	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
5	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
6	shearwall SW1				37,131,044.18
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50

	pembesian	2,582.57	kg	1,171.78	3,026,202.54
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
7	shearwall SW2				36,515,967.95
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,057.66	kg	1,171.78	2,411,126.32
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
8	shearwall SW3				32,592,415.55
	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	2,834.23	kg	1,171.78	3,321,094.60
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84
9	shearwall SW4				27,703,397.15
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	2,505.04	kg	1,171.78	2,935,356.35
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86
10	shearwall SW5				30,079,737.34
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	2,419.31	kg	1,171.78	2,834,892.47
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +28.45</b>				<b>218,935,122.40</b>
1	balok B1				18,620,769.06
	bekisting balok	35.08	m2	148,963.13	5,226,222.28
	pembesian	1,886.48	kg	1,171.78	2,210,540.98

	beton f'c : 30 MPa	8.59	m3	1,301,676.65	11,184,005.80
2	balok B2				7,526,260.42
	bekisting balok	15.52	m2	148,963.13	2,312,056.66
	pembesian	814.55	kg	1,171.78	954,466.91
	beton f'c : 30 MPa	3.27	m3	1,301,676.65	4,259,736.85
3	balok B3				36,064,345.82
	bekisting balok	74.29	m2	148,963.13	11,065,725.74
	pembesian	3,935.14	kg	1,171.78	4,611,109.50
	beton f'c : 30 MPa	15.66	m3	1,301,676.65	20,387,510.57
4	balok B4				16,311,787.14
	bekisting balok	40.26	m2	148,963.13	5,996,510.60
	pembesian	2,337.91	kg	1,171.78	2,739,518.42
	beton f'c : 30 MPa	5.82	m3	1,301,676.65	7,575,758.12
5	balok B5				63,263,099.23
	bekisting balok	149.60	m2	148,963.13	22,284,883.50
	pembesian	5,644.37	kg	1,171.78	6,613,952.10
	beton f'c : 30 MPa	26.40	m3	1,301,676.65	34,364,263.63
6	balok B6				12,260,975.29
	bekisting balok	28.83	m2	148,963.13	4,294,904.82
	pembesian	1,146.24	kg	1,171.78	1,343,139.66
	beton f'c : 30 MPa	5.09	m3	1,301,676.65	6,622,930.81
	balok B7				

7					3,407,754.08
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	297.23	kg	1,171.78	348,287.90
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
8	balok B8				3,342,252.79
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	241.33	kg	1,171.78	282,786.61
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				10,060,983.95
	bekisting balok	21.09	m2	148,963.13	3,142,023.19
	pembesian	964.42	kg	1,171.78	1,130,092.29
	beton f'c : 30 MPa	4.45	m3	1,301,676.65	5,788,868.48
11	balok B11				17,700,525.44
	bekisting balok	56.34	m2	148,963.13	8,392,450.18
	pembesian	1,469.27	kg	1,171.78	1,721,664.22
	beton f'c : 30 MPa	5.83	m3	1,301,676.65	7,586,411.04
12	balok B12				10,029,722.12
	bekisting balok	21.81	m2	148,963.13	3,249,243.27
	pembesian		kg		



		677.66		1,171.78	794,067.92
	beton f'c : 30 MPa	4.60	m3	1,301,676.65	5,986,410.93
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32
	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				8,978,089.81
	bekisting balok	24.23	m2	148,963.13	3,609,614.86
	pembesian	772.35	kg	1,171.78	905,025.71
	beton f'c : 30 MPa	3.43	m3	1,301,676.65	4,463,449.24
<b>III.</b>	<b>Pekerjaan Plat +28.45</b>				<b>353,488,397.78</b>
1	plat A1				353,488,397.78
	bekisting plat	963.41	m2	193,140.13	186,074,063.61
	pembesian	14,446.22	kg	1,171.78	16,927,780.88
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	150,486,553.29
2	plat Level				<b>10,998,166.02</b>
	bekisting plat	29.69	m2	193,140.13	5,734,330.31
	pembesian	534.42	kg	1,171.78	626,222.13
	beton f'c : 30 MPa		m3		

		3.56		1,301,676.65	4,637,613.58
<b>IV.</b>	<b>Pekerjaan tangga +24.45 s/d +28.45</b>				<b>20,408,220.98</b>
1	plat tangga				20,408,220.98
	bekisting tangga	51.13	m2	191,470.50	9,789,886.67
	pembesian	1,483.41	kg	1,171.78	1,738,224.92
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	8,880,109.39
	<b>LANTAI 8</b>				
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +28.45 s/d +32.45</b>				<b>250,023,180.87</b>
1	kolom K1				35,635,729.31
	bekisting kolom	89.60	m2	135,014.63	12,097,310.40
	pembesian	2,669.56	kg	1,171.78	3,128,128.99
	beton f'c : 30 MPa	15.68	m3	1,301,676.65	20,410,289.92
2	kolom K2				40,090,195.47
	bekisting kolom	100.80	m2	135,014.63	13,609,474.20
	pembesian	3,003.25	kg	1,171.78	3,519,145.11
	beton f'c : 30 MPa	17.64	m3	1,301,676.65	22,961,576.16
3	kolom K3				5,936,079.87
	bekisting kolom	16.00	m2	135,014.63	2,160,234.00
	pembesian	378.53	kg	1,171.78	443,553.64
	beton f'c : 30 MPa	2.56	m3	1,301,676.65	3,332,292.23
4	kolom K6				2,390,236.61
	bekisting kolom	8.00	m2	135,014.63	1,080,117.00
	pembesian	184.94	kg	1,171.78	216,711.22

	beton f'c : 30 MPa	0.84	m3	1,301,676.65	1,093,408.39
5	kolom KL				4,531,813.14
	bekisting kolom	14.66	m2	135,014.63	1,979,887.16
	pembesian	311.59	kg	1,171.78	365,109.19
	beton f'c : 30 MPa	1.68	m3	1,301,676.65	2,186,816.78
6	shearwall SW1				37,131,044.18
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,582.57	kg	1,171.78	3,026,202.54
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
7	shearwall SW2				36,515,967.95
	bekisting dinding	90.88	m2	180,021.85	16,360,385.50
	pembesian	2,057.66	kg	1,171.78	2,411,126.32
	beton f'c : 30 MPa	13.63	m3	1,301,676.65	17,744,456.13
8	shearwall SW3				31,663,055.13
	bekisting dinding	78.00	m2	180,021.85	14,041,704.11
	pembesian	2,041.11	kg	1,171.78	2,391,734.19
	beton f'c : 30 MPa	11.70	m3	1,301,676.65	15,229,616.84
9	shearwall SW4				26,915,171.60
	bekisting dinding	66.00	m2	180,021.85	11,881,441.94
	pembesian	1,832.37	kg	1,171.78	2,147,130.81
	beton f'c : 30 MPa	9.90	m3	1,301,676.65	12,886,598.86
	shearwall SW5				

10					29,213,887.62
	bekisting dinding	72.60	m2	180,021.85	13,069,586.13
	pembesian	1,680.39	kg	1,171.78	1,969,042.74
	beton f'c : 30 MPa	10.89	m3	1,301,676.65	14,175,258.75
<b>II.</b>	<b>Pekerjaan Balok +32.45</b>				<b>218,935,122.40</b>
1	balok B1				18,620,769.06
	bekisting balok	35.08	m2	148,963.13	5,226,222.28
	pembesian	1,886.48	kg	1,171.78	2,210,540.98
	beton f'c : 30 MPa	8.59	m3	1,301,676.65	11,184,005.80
2	balok B2				7,526,260.42
	bekisting balok	15.52	m2	148,963.13	2,312,056.66
	pembesian	814.55	kg	1,171.78	954,466.91
	beton f'c : 30 MPa	3.27	m3	1,301,676.65	4,259,736.85
3	balok B3				36,064,345.82
	bekisting balok	74.29	m2	148,963.13	11,065,725.74
	pembesian	3,935.14	kg	1,171.78	4,611,109.50
	beton f'c : 30 MPa	15.66	m3	1,301,676.65	20,387,510.57
4	balok B4				16,311,787.14
	bekisting balok	40.26	m2	148,963.13	5,996,510.60
	pembesian	2,337.91	kg	1,171.78	2,739,518.42
	beton f'c : 30 MPa	5.82	m3	1,301,676.65	7,575,758.12
5	balok B5				63,263,099.23
	bekisting balok		m2		

		149.60		148,963.13	22,284,883.50
	pembesian	5,644.37	kg	1,171.78	6,613,952.10
	beton f'c : 30 MPa	26.40	m3	1,301,676.65	34,364,263.63
6	balok B6				12,260,975.29
	bekisting balok	28.83	m2	148,963.13	4,294,904.82
	pembesian	1,146.24	kg	1,171.78	1,343,139.66
	beton f'c : 30 MPa	5.09	m3	1,301,676.65	6,622,930.81
7	balok B7				3,407,754.08
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	297.23	kg	1,171.78	348,287.90
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
8	balok B8				3,342,252.79
	bekisting balok	9.14	m2	148,963.13	1,360,778.15
	pembesian	241.33	kg	1,171.78	282,786.61
	beton f'c : 30 MPa	1.31	m3	1,301,676.65	1,698,688.03
9	balok B9				3,922,659.15
	bekisting balok	10.23	m2	148,963.13	1,523,892.77
	pembesian	397.50	kg	1,171.78	465,776.55
	beton f'c : 30 MPa	1.49	m3	1,301,676.65	1,932,989.83
10	balok B10				10,060,983.95
	bekisting balok	21.09	m2	148,963.13	3,142,023.19
	pembesian	964.42	kg	1,171.78	1,130,092.29
	beton f'c : 30 MPa		m3		

		4.45		1,301,676.65	5,788,868.48
11	balok B11				17,700,525.44
	bekisting balok	56.34	m2	148,963.13	8,392,450.18
	pembesian	1,469.27	kg	1,171.78	1,721,664.22
	beton f'c : 30 MPa	5.83	m3	1,301,676.65	7,586,411.04
12	balok B12				10,029,722.12
	bekisting balok	21.81	m2	148,963.13	3,249,243.27
	pembesian	677.66	kg	1,171.78	794,067.92
	beton f'c : 30 MPa	4.60	m3	1,301,676.65	5,986,410.93
13	balok B13				5,474,075.54
	bekisting balok	14.51	m2	148,963.13	2,162,004.32
	pembesian	523.30	kg	1,171.78	613,195.68
	beton f'c : 30 MPa	2.07	m3	1,301,676.65	2,698,875.55
14	balok B14				1,971,822.57
	bekisting balok	4.74	m2	148,963.13	705,787.29
	pembesian	313.95	kg	1,171.78	367,878.39
	beton f'c : 30 MPa	0.69	m3	1,301,676.65	898,156.89
15	balok B15				8,978,089.81
	bekisting balok	24.23	m2	148,963.13	3,609,614.86
	pembesian	772.35	kg	1,171.78	905,025.71
	beton f'c : 30 MPa	3.43	m3	1,301,676.65	4,463,449.24
<b>III.</b>	<b>Pekerjaan Plat +32.45</b>				<b>353,488,397.78</b>

1	plat A1				353,488,397.78
	bekisting plat	963.41	m2	193,140.13	186,074,063.61
	pembesian	14,446.22	kg	1,171.78	16,927,780.88
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	150,486,553.29

# **LAMPIRAN II**

## **Daftar Analisa Harga Satuan Pekerja**



durasi : 28 hari 7 jam kerja

vol : 11,845.10

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUM LAH (perhari)	JUM LAH (perjam)	TOTAL HARGA (Rp)
1	<b>A. 2.2.1.4. Pengukuran dan pemasangan 1 m' Bouwplank</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>A. TENAGA</b>										
	pekerja	oh	0.100	Rp 50,000.00	Rp 5,000.00	Rp 7,142.86	Rp 714.29	1,184.51	42.30	6.04	Rp 8,460,782.81
	tukang kayu	oh	0.100	Rp 85,000.00	Rp 8,500.00	Rp 12,142.86	Rp 1,214.29	1,184.51	42.30	6.04	Rp 14,383,330.78
	kepala tukang	oh	0.010	Rp 90,000.00	Rp 900.00	Rp 12,857.14	Rp 128.57	118.45	4.23	0.60	Rp 1,522,940.91
	mandor	oh	0.005	Rp 90,000.00	Rp 450.00	Rp 12,857.14	Rp 64.29	59.23	2.12	0.30	Rp 761,470.45
				<b>jumlah tenaga kerja</b>	<b>Rp 14,850.00</b>						<b>Rp 25,128,524.95</b>
	<b>B. BAHAN</b>										
	Kayu balok 5/7	m 3	0.011	Rp 3,428,571.43	Rp 36,000.00			124.37	4.44	0.63	Rp 426,423,453.72
	Paku 2"-3"	kg	0.020	Rp 13,000.00	Rp 260.00			236.90	8.46	1.21	Rp 3,079,724.94
	Kayu papan 3/20	m 3	0.007	Rp 6,500,000.00	Rp 45,500.00			82.92	2.96	0.42	Rp 538,951,865.11
				<b>jumlah harga bahan</b>	<b>Rp 81,760.00</b>						<b>Rp 968,455,043.78</b>
	<b>C. PERALATAN</b>										
	<b>D. JUMLAH (A+B+C)</b>				Rp 96,610.00						
	<b>E. Overhead &amp; Profit</b>	%	5	96,610.00	Rp 4,830.50						Rp 993,583,568.73
	<b>F. Harga Satuan Pekerjaan (D+E)</b>				<b>Rp 101,440.50</b>						Rp 49,679,178.44
											<b>Rp 1,043,262,747.16</b>

durasi : 7 hari 7 jam kerja

vol : 2,288.89

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
2	<b>A. 2.2.1.9. Pembersihan 1 m2 lapangan dan perataan</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>A. TENAGA</b>										
	pekerja	oh	0.100	Rp 50,000.00	Rp 5,000.00	Rp 7,142.86	Rp 714.29	228.89	32.70	4.67	Rp 1,634,919.43
	mandor	oh	0.050	Rp 90,000.00	Rp 4,500.00	Rp 12,857.14	Rp 642.86	114.44	16.35	2.34	Rp 1,471,427.49
				<b>jumlah tenaga kerja</b>	<b>Rp 9,500.00</b>						<b>Rp 3,106,346.91</b>
	<b>B. BAHAN</b>										
	<b>C. PERALATAN</b>										
	<b>D. JUMLAH (A+B+C)</b>				Rp 9,500.00						Rp 3,106,346.91
	<b>E. Overhead &amp; Profit</b>	%	5	Rp 9,500.00	Rp 475.00						Rp 155,317.35
	<b>F. Harga Satuan Pekerjaan (D+E)</b>				<b>Rp 9,975.00</b>						<b>Rp 3,261,664.26</b>

durasi : 7 hari 7 jam kerja

vol : 30.00

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
3	<b>A. 2.2.1.5. Pembuatan 1 m2 kantor sementara lantai plesteran</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>A. TENAGA</b>										
	pekerja	oh	2.000	Rp 50,000.00	Rp 100,000.00	Rp 7,142.86	Rp 14,285.71	60.00	8.57	1.22	428,571.43

	Tukang kayu	oh	2.000	Rp 85,000.00	Rp 170,000.00	Rp 12,142.86	Rp 24,285.71	60.00	8.57	1.22	728,571.43
	tukang batu	oh	1.000	Rp 85,000.00	Rp 85,000.00	Rp 12,142.86	Rp 12,142.86	30.00	4.29	0.61	364,285.71
	kepala tukang	oh	0.300	Rp 90,000.00	Rp 27,000.00	Rp 12,857.14	Rp 3,857.14	9.00	1.29	0.18	115,714.29
	mandor	oh	0.050	Rp 90,000.00	Rp 4,500.00	Rp 12,857.14	Rp 642.86	1.50	0.21	0.03	19,285.71
				<b>jumlah tenaga kerja</b>	<b>Rp 386,500.00</b>						<b>1,656,428.57</b>
	<b>B. BAHAN</b>										
	Dolken kayu diameter 8-10/400 cm	bt g	1.250	Rp 25,555.00	Rp 31,943.75			37.50	5.36	0.77	958,312.50
	kayu	m 3	0.180	Rp 3,428,571.43	Rp 617,142.86			5.40	0.77	0.11	18,514,285.71
	Paku 2"-3"	kg	0.080	Rp 13,000.00	Rp 1,040.00			2.40	0.34	0.05	31,200.00
	Besi strip	kg	1.100	Rp 10,500.00	Rp 11,550.00			33.00	4.71	0.67	346,500.00
	Semen Portland	kg	35.000	Rp 1,375.00	Rp 48,125.00			1,050.00	150.00	21.43	1,443,750.00
	Pasir pasang	m 3	0.150	Rp 205,000.00	Rp 30,750.00			4.50	0.64	0.09	922,500.00
	Pasir beton	m 3	0.100	Rp 215,000.00	Rp 21,500.00			3.00	0.43	0.06	645,000.00
	Koral beton	m 3	0.150	Rp 230,000.00	Rp 34,500.00			4.50	0.64	0.09	1,035,000.00
	Bata merah	bh	30.000	Rp 650.00	Rp 19,500.00			900.00	128.57	18.37	585,000.00
	Seng plat	lbr	0.250	Rp 35,000.00	Rp 8,750.00			7.50	1.07	0.15	262,500.00
	Jendela naco	bh	0.200	Rp 75,000.00	Rp 15,000.00			6.00	0.86	0.12	450,000.00
	Kaca polos	m 2	0.080	Rp 85,000.00	Rp 6,800.00			2.40	0.34	0.05	204,000.00
	Kunci tanam	bh	0.150	Rp 75,000.00	Rp 11,250.00			4.50	0.64	0.09	337,500.00
	Plywood 4mm	lbr	0.060	Rp 65,000.00	Rp 3,900.00			1.80	0.26	0.04	117,000.00
				<b>jumlah harga bahan</b>	<b>Rp 861,751.61</b>						<b>25,852,548.21</b>

C.	PERALATAN									
D.	JUMLAH (A+B+C)				Rp 1,248,251.61					27,508,976.79
E.	Overhead & Profit	%	5.000	Rp 1,248,251.61	Rp 62,412.58					1,375,448.84
F.	<b>Harga Satuan Pekerjaan (D+E)</b>				<b>Rp 1,310,664.19</b>					<b>28,884,425.63</b>

durasi : 14 hari 7 jam kerja

vol : 3,990.90

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUM LAH (perhari)	JUM LAH (perjam)	TOTAL HARGA (Rp)
4	<b>A.2.3.1.1. Penggalian 1 m3 tanah biasa sedalam 1 m</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>A. TENAGA</b>										
	pekerja	oh	0.750	Rp 50,000.00	Rp 37,500.00	Rp 7,142.86	Rp 5,357.14	2,993.18	213.80	30.54	Rp 21,379,834.93
	mandor	oh	0.025	Rp 90,000.00	Rp 2,250.00	Rp 12,857.14	Rp 321.43	99.77	7.13	1.02	Rp 1,282,790.10
				<b>jumlah tenaga kerja</b>	<b>Rp 39,750.00</b>						<b>Rp 22,662,625.02</b>
	<b>B. BAHAN</b>										
	<b>C. PERALATAN</b>										
	D. JUMLAH (A+B+C)				Rp 39,750.00						Rp 22,662,625.02
	E. Overhead & Profit	%	5.000	Rp 39,750.00	Rp 1,987.50						Rp 1,133,131.25
	<b>F. Harga Satuan Pekerjaan (D+E)</b>				<b>Rp 41,737.50</b>						<b>Rp 23,795,756.28</b>

durasi : 7 hari 7 jam kerja

vol : 505.40

no.	jenis pekerjaan			Harga Satuan Per	Jumlah Per Hari (Rp)	Harga Satuan Per Jam	Jumlah Per Jam (Rp)	JUMLAH	JUM	JUM	TOTAL HARGA (Rp)
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	Pasir pasang	m	1.200	205,000.00	246,000.00	93.27	13.3	1.90	19,119,858.00
				<b>jumlah harga bahan</b>	<b>246,000.00</b>				<b>19,119,858.00</b>
	C. PERALATAN								
	D. JUMLAH (A+B+C)				261,900.00				19,296,400.24
	E. Overhead & Profit	%	5.000	261,900.00	13,095.00				964,820.01
	<b>F. Harga Satuan Pekerjaan (D+E)</b>				<b>274,995.00</b>				<b>20,261,220.26</b>

durasi : 7 hari 7 jam kerja  
vol :

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
7	<b>A.A.4.1.1.4 Membuat 1 m3 lantai kerja beton mutu f'c = 7,4 MPa (K 100), slump (3-6) cm, w/c = 0,87</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>TENAGA</b>										
	pekerja	oh	1.200	50,000.00	60,000.00	7,142.86	8,571.43	-	-	-	-
	tukang batu	oh	0.200	85,000.00	17,000.00	12,142.86	2,428.57	-	-	-	-
	kepala tukang	oh	0.020	90,000.00	1,800.00	12,857.14	257.14	-	-	-	-
	mandor	oh	0.060	90,000.00	5,400.00	12,857.14	771.43	-	-	-	-
				<b>jumlah tenaga kerja</b>	<b>84,200.00</b>						
	<b>B. BAHAN</b>										
	air	ltr	200.000	10.00	2,000.00			-	-	-	-
	Semen portland	kg	230.000	1,375.00	316,250.00			-	-	-	-
	kerikil	m	0.761	280,000.00	213,007.41			-	-	-	-

		3								
	Pasir beton	m 3	0.638	215,000.00	137,139.29	-	-	-	-	-
				<b>jumlah harga bahan</b>	<b>668,396.69</b>					
	C. PERALATAN									
	D. JUMLAH (A+B+C)				752,596.69					
	E. Overhead & Profit	%	5.000	752,596.69	37,629.83					
	F. Harga Satuan Pekerjaan (D+E)				<b>790,226.53</b>					

durasi : 14 hari 7 jam kerja

vol : 112.76

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
<b>8</b>	<b>Membuat 1m3 beton mutu f'c= 25 MPa (K 300) menggunakan beton curah</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8 = 3 x vol</b>	<b>9 = 8 / dur</b>	<b>10 = 9 / Jam Kerja/ Hari</b>	<b>11 = 7 x vol</b>
	<b>TENAGA</b>										
	pekerja	oh	1.300	50,000.00	65,000.00	7,142.86	9,285.71	146.59	10.47	1.50	1,047,088.57
	mandor	oh	0.083	90,000.00	7,470.00	12,857.14	1,067.14	9.36	0.67	0.10	120,334.64
				<b>jumlah tenaga kerja</b>	<b>54,352.50</b>						<b>1,167,423.21</b>
	<b>BAHAN DAN UPAH</b>										
	<b>Upah</b>				<b>886,370.11</b>						<b>99,950,092.61</b>
	air	litr	215.000	10.00	2,150.00			24,244.13	1,739	247.39	242,441.28
	Semen portland	kg	413.000	1,375.00	567,875.00			46,571.28	3,326.52	475.22	64,035,506.69
	kerikil	m	0.756	280,000.00	211,762.96			85.28	6.09	0.87	23,879,108.31





	mandor	oh	0.083	90,000.00	7,470.00	12,857.14	1,067.14	0.57	0.11	0.02	7,280.11
				<b>jumlah tenaga kerja</b>	<b>54,352.50</b>						<b>70,627.76</b>
	<b>B. BAHAN DAN UPAH</b>										
	<b>Bahan</b>				<b>927,989.55</b>						<b>6,330,795.52</b>
	air	ltr	215.000	10.00	2,150.00		1,466.74		293.35	41.91	14,667.42
	Semen portland	kg	448.000	1,375.00	616,000.00		3,056.28		611.26	87.32	4,202,385.73
	kerikil	m <sup>3</sup>	0.741	280,000.00	207,407.41		5.05		1.01	0.14	1,414,944.69
	Pasir beton	m <sup>3</sup>	0.476	215,000.00	102,432.14		3.25		0.65	0.09	698,797.69
	<b>Tenaga</b>				<b>147,350.00</b>						<b>143,604.25</b>
	pekerja	oh	2.100	50,000.00	105,000.00	7,142.86	15,000.00	14.33	2.87	0.41	102,330.82
	tukang batu	oh	0.350	85,000.00	29,750.00	12,142.86	4,250.00	2.39	0.48	0.07	28,993.73
	kepala tukang	oh	0.035	90,000.00	3,150.00	12,857.14	450.00	0.24	0.05	0.01	3,069.92
	mandor	oh	0.105	90,000.00	9,450.00	12,857.14	1,350.00	0.72	0.14	0.02	9,209.77
				<b>jumlah harga bahan dan upah</b>	<b>1,075,339.55</b>						<b>6,474,399.77</b>
	<b>C. PERALATAN</b>										
	pompa beton /50 m <sup>3</sup>	ls	1.000	110,000.00	110,000.00	15,714.29	15,714.29	6.82	1.36	0.19	107,203.72
	koordinasi lapangan	ls	1.000	-	-	-	-	6.82	1.36	0.19	-
				<b>jumlah harga alat</b>	<b>110,000.00</b>						<b>107,203.72</b>
	<b>D. JUMLAH (A+B+C)</b>				1,239,692.05						<b>6,652,231.25</b>
	<b>E. Overhead &amp; Profit Harga Satuan Pekerjaan (D+E)</b>	%	5.000	1,239,692.05	61,984.60						33,261,156.24
	<b>F. Pekerjaan (D+E)</b>				<b>1,301,676.65</b>						<b>39,913,387.49</b>

durasi :

7 hari

7

jam kerja

vol : 25,653.30

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUM LAH (perhari)	JUM LAH (perjam)	TOTAL HARGA (Rp)	
10	<b>A.4.1.1.17 Pembesian 10 kg dengan besi polos atau besi ulir</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol	
	<b>TENAGA</b>											
	pekerja	oh	0.007	50,000.00	350.00	7,142.86	50.00	179.57	25.65	3.66	1,282,665	
	tukang besi	oh	0.007	90,000.00	630.00	12,857.14	90.00	179.57	25.65	3.66	2,308,797	
	kepala tukang	oh	0.001	90,000.00	63.00	12,857.14	9.00	17.96	2.57	0.37	230,880	
	mandor	oh	0.000	90,000.00	36.00	12,857.14	5.14	10.26	1.47	0.209	131,931	
				<b>jumlah tenaga kerja</b>	<b>1,294.80</b>							<b>3,954,273</b>
	<b>B. BAHAN</b>											
	Besi beton (polos/ulir)	kg	1.010	9,500.00	9,595.00	1,357.14	1,370.71	25,909.84	3.701.41	528.77		246,143,439.18
	Kawat beton	kg	0.015	18,000.00	270.00	2,571.43	38.57	384.80	54.97	7.85		6,926,391.72
			<b>jumlah harga bahan</b>	<b>9,865.00</b>							<b>253,069,830.90</b>	
C.	PERALATAN											
D.	JUMLAH (A+B+C)				11,159.80						257,024,104.27	
E.	Overhead & Profit	%	5.000	11,159.80	557.99						1,285,120,521.37	
F.	<b>Harga Satuan Pekerjaan (D+E)</b>				<b>11,717.79</b>						<b>1,542,144,625.64</b>	
				jumlah pembesian /kg	1,171.78							

durasi : 14 hari 7 jam kerja

vol : 241.92

no.	jenis pekerjaan			Harga Satuan Per	Jumlah Per Hari (Rp)	Harga Satuan Per Jam	Jumlah Per Jam (Rp)	JUMLAH	JUM	JUM	TOTAL HARGA (Rp)
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		sat ua n	Koefisi en	Hari (Rp)		(Rp)			LAH (perh ari)	LAH (perja m)	
11	<b>A.4.1.1.20 Pemasangan 1 m2 bekisting untuk pondasi</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>TENAGA</b>										
	pekerja	oh	0.520	50,000.00	26,000.00	7,142.86	3,714.29	125.80	8.99	1.28	898,560.00
	tukang kayu	oh	0.260	85,000.00	22,100.00	12,142.86	3,157.14	62.90	4.49	0.64	763,776.00
	kepala tukang	oh	0.026	90,000.00	2,340.00	12,857.14	334.29	6.29	0.45	0.06	80,870.40
	mandor	oh	0.026	90,000.00	2,340.00	12,857.14	334.29	6.29	0.45	0.06	80,870.40
				<b>jumlah tenaga kerja</b>	<b>52,780.00</b>						<b>1,824,076.80</b>
	<b>B. BAHAN</b>										
	Kayu kelas III	m 3	0.040	3,428,571.43	137,142.86			9.68	0.69	0.10	33,177,600.00
	Paku 2"-3"	kg	0.300	13,000.00	3,900.00			72.58	5.18	0.74	943,488.00
	Minyak bekisting	ltr	0.100	7,500.00	750.00			24.19	1.73	0.25	181,440.00
				<b>jumlah harga bahan 1xpakai</b>	<b>141,792.86</b>						<b>34,302,528.00</b>
				<b>jumlah harga bahan 1,75xpakai</b>	<b>81,024.49</b>						
	<b>C. PERALATAN</b>										
	<b>D. JUMLAH (A+B+C)</b>				133,804.49						36,126,604.80
	<b>E. Overhead &amp; Profit</b>	%	5.000	133,804.49	6,690.22						180,633,024.00
	<b>F. Harga Satuan Pekerjaan (D+E) 2x pakai</b>				<b>140,494.71</b>						<b>216,759,628.80</b>

durasi : 14 hari 7 jam kerja

vol : 279.85

no.	jenis pekerjaan		Harga Satuan Per	Jumlah Per Hari (Rp)	Harga Satuan Per Jam	Jumlah Per Jam (Rp)	JUMLAH	JUM	JUM	TOTAL HARGA (Rp)
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		sat ua n	Koefisi en	Hari (Rp)		(Rp)			LAH (perh ari)	LAH (perja m)	
12	<b>A.4.1.1.21 Pemasangan 1 m2 bekisting untuk sloof</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>TENAGA</b>										
	pekerja	oh	0.520	50,000.00	26,000.00	7,142.86	3,714.29	145.52	10.39	1.48	1,039,451.71
	tukang kayu	oh	0.260	85,000.00	22,100.00	12,142.86	3,157.14	72.76	5.20	0.74	883,533.96
	kepala tukang	oh	0.026	90,000.00	2,340.00	12,857.14	334.29	7.28	0.52	0.07	93,550.65
	mandor	oh	0.026	90,000.00	2,340.00	12,857.14	334.29	7.28	0.52	0.07	93,550.65
				<b>jumlah tenaga kerja</b>	<b>52,780.00</b>						<b>2,110,086.98</b>
	<b>B. BAHAN</b>										
	Kayu kelas III	m 3	0.045	3,428,571.43	154,285.71			12.59	0.90	0.13	43,177,224.96
	Paku 2"-3"	kg	0.300	13,000.00	3,900.00			83.96	6.00	0.86	1,091,424.30
	Minyak bekisting	ltr	0.100	7,500.00	750.00			27.99	2.00	0.29	209,889.29
				<b>jumlah harga bahan 1xpakai</b>	<b>158,935.71</b>						<b>44,478,538.55</b>
				<b>jumlah harga bahan 2xpakai</b>	<b>79,467.86</b>						
	<b>C. PERALATAN</b>										
	<b>D. JUMLAH (A+B+C)</b>				132,247.86						46,588,625.52
	<b>E. Overhead &amp; Profit</b>	%	5.000	132,247.86	6,612.39						232,943,127.60
	<b>F. Harga Satuan Pekerjaan (D+E) 2x pakai</b>				<b>138,860.25</b>						<b>279,531,753.13</b>

durasi : 7 hari 7 jam kerja

vol : 229.06

no.	jenis pekerjaan		Harga Satuan Per	Jumlah Per Hari (Rp)	Harga Satuan Per Jam	Jumlah Per Jam (Rp)	JUMLAH	JUM	JUM	TOTAL HARGA (Rp)
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	<b>Harga Satuan Pekerjaan (D+E) 5x pakai</b>				<b>135,014.63</b>						<b>351,775,920.19</b>

durasi : 7 hari 7 jam kerja

vol : 668.1917

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
<b>14</b>	<b>A.4.1.1.23 Pemasangan 1 m2 bekisting untuk balok</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8 = 3 x vol</b>	<b>9 = 8 / dur</b>	<b>10 = 9 / Jam Kerja/ Hari</b>	<b>11 = 7 x vol</b>
	<b>TENAGA</b>										
	pekerja	oh	0.660	50,000.00	33,000.00	7,142.86	4,714.29	441.01	63.00	9.00	3,150,046.53
	tukang kayu	oh	0.330	85,000.00	28,050.00	12,142.86	4,007.14	220.50	31.50	4.50	2,677,539.55
	kepala tukang	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	22.05	3.15	0.45	283,504.19
	mandor	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	22.05	3.15	0.45	283,504.19
				<b>jumlah tenaga kerja</b>	<b>50,242.50</b>						<b>6,394,594.45</b>
	<b>B. BAHAN</b>										
	Kayu kelas III	m <sup>3</sup>	0.030	3,428,571.43	102,857.14			20.05	2.86	0.41	68,728,287.91
	Paku 2"-3"	kg	0.400	13,000.00	5,200.00			267.28	38.18	5.45	3,474,596.78
	Minyak bekisting	ltr	0.200	7,500.00	1,500.00			133.64	19.09	2.73	1,002,287.53
	Balok kayu kelas II	m <sup>3</sup>	0.018	3,428,571.43	61,714.29			12.03	1.72	0.25	41,236,972.75
	Plywood tebal 12 mm	lbr	0.350	150,000.00	52,500.00			233.87	33.41	4.77	35,080,063.62

	Dolken kayu diameter 8-10/400 cm	bt g	2.000	25,555.00	51,110.00	1,336.38	190.91	27.27	34,151,277.17
				<b>jumlah harga bahan 1xpakai</b>	<b>274,881.43</b>				<b>183,673,485.76</b>
				<b>jumlah harga bahan 3xpakai</b>	<b>91,627.14</b>				
	C. PERALATAN								
	D. JUMLAH (A+B+C)				141,869.64				190,068,080.21
	E. Overhead & Profit	%	5.000	141,869.64	7,093.48				950,340,401.06
	<b>Harga Satuan Pekerjaan (D+E)</b>								
	<b>F. 3x pakai</b>				<b>148,963.13</b>				<b>1,140,408,481.27</b>

durasi : 14 hari 7 jam kerja

vol : 993.86

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUM LAH (perhari)	JUM LAH (perjam)	TOTAL HARGA (Rp)
15	<b>A.4.1.1.24 Pemasangan 1 m2 bekisting untuk lantai</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>TENAGA</b>										
	pekerja	oh	0.660	50,000.00	33,000.00	7,142.86	4,714.29	655.95	46.85	6.69	4,685,336.94
	tukang kayu	oh	0.330	85,000.00	28,050.00	12,142.86	4,007.14	327.97	23.43	3.35	3,982,536.40
	kepala tukang	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	32.80	2.34	0.33	421,680.32
	mandor	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	32.80	2.34	0.33	421,680.32
				<b>jumlah tenaga kerja</b>	<b>50,242.50</b>						<b>9,511,233.98</b>
	<b>B. BAHAN</b>										
	Kayu kelas III	m3	0.040	3,428,571.43	137,142.86			39.75	2.84	0.41	136,300,710.86

	Paku 2"-3"	kg	0.400	13,000.00	5,200.00	397.54	28.40	4.06	5,168,068.62
	Minyak bekisting	ltr	0.200	7,500.00	1,500.00	198.77	14.20	2.03	1,490,789.03
	Balok kayu kelas II	m <sup>3</sup>	0.015	3,428,571.43	51,428.57	14.91	1.06	0.15	51,112,766.57
	Plywood tebal 12 mm	lbr	0.350	150,000.00	52,500.00	347.85	24.85	3.55	52,177,615.88
	Dolken kayu diameter 8-10/400 cm	btg	6.000	25,555.00	153,330.00	5,963.16	425.94	60.85	152,388,454.14
				<b>jumlah harga bahan 1xpakai</b>	<b>401,101.43</b>				<b>398,638,405.08</b>
				<b>jumlah harga bahan 3xpakai</b>	<b>133,700.48</b>				
	C. PERALATAN								
	D. JUMLAH (A+B+C)				183,942.98				408,149,639.06
	E. Overhead & Profit	%	5.000	183,942.98	9,197.15				2,040,748,195.32
	<b>F. Harga Satuan Pekerjaan (D+E) 3x pakai</b>				<b>193,140.13</b>				<b>2,448,897,834.38</b>

durasi : 7 hari 7 jam kerja

vol : 51.13

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
16	<b>A.4.1.1.26 Pemasangan 1 m2 bekisting untuk tangga</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>TENAGA</b>										
	pekerja	oh	0.660	50,000.00	33,000.00	7,142.86	4,714.29	33.75	4.82	0.69	241,041.43
	tukang kayu	oh	0.330	85,000.00	28,050.00	12,142.86	4,007.14	16.87	2.41	0.34	204,885.21
	kepala tukang			90,000.00	2,970.00	12,857.14	424.29				21,693.73



		oh	0.033					1.69	0.24	0.03	
	mandor	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	1.69	0.24	0.03	21,693.73
				<b>jumlah tenaga kerja</b>	<b>50,242.50</b>						<b>489,314.10</b>
	<b>B. BAHAN</b>										
	Kayu kelas III	m 3	0.030	3,428,571.43	102,857.14			1.53	0.22	0.03	5,259,085.71
	Paku 2"-3"	kg	0.400	13,000.00	5,200.00			20.45	2.92	0.42	265,876.00
	Minyak bekisting	ltr	0.150	7,500.00	1,125.00			7.67	1.10	0.16	57,521.25
	Balok kayu kelas II	m 3	0.015	3,428,571.43	51,428.57			0.77	0.11	0.02	2,629,542.86
	Plywood tebal 12 mm	lbr	0.350	150,000.00	52,500.00			17.90	2.56	0.37	2,684,325.00
	Dolken kayu diameter 8-10/400 cm	bt g	2.000	25,555.00	51,110.00			102.26	14.6 1	2.09	2,613,254.30
				<b>jumlah harga bahan 1xpakai</b>	<b>264,220.71</b>						<b>13,509,605.12</b>
				<b>jumlah harga bahan 2xpakai</b>	<b>132,110.36</b>						
	C. PERALATAN										
	D. JUMLAH (A+B+C)				182,352.86						13,998,919.22
	E. Overhead & Profit	%	5.000	182,352.86	9,117.64						69,994,596.11
	<b>F. Harga Satuan Pekerjaan (D+E) 2x pakai</b>				<b>191,470.50</b>						<b>83,993,515.33</b>

durasi : 7 hari 7 jam kerja

vol : 45.22

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
17	A.4.1.1.24 Pemasangan 1 m2 bekisting untuk dinding	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/Hari	11 = 7 x vol

<b>TENAGA</b>											
	pekerja	oh	0.660	50,000.00	33,000.00	7,142.86	4,714.29	29.84	4.26	0.61	213,161.14
	tukang kayu	oh	0.330	85,000.00	28,050.00	12,142.86	4,007.14	14.92	2.13	0.30	181,186.97
	kepala tukang	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	1.49	0.21	0.03	19,184.50
	mandor	oh	0.033	90,000.00	2,970.00	12,857.14	424.29	1.49	0.21	0.03	19,184.50
				<b>jumlah tenaga kerja</b>	<b>50,242.50</b>						<b>432,717.12</b>
<b>B. BAHAN</b>											
	Kayu kelas III	m 3	0.030	3,428,571.43	102,857.14			1.36	0.19	0.03	4,650,788.57
	Paku 2"-3"	kg	0.400	13,000.00	5,200.00			18.09	2.58	0.37	235,123.20
	Minyak bekisting	ltr	0.200	7,500.00	1,500.00			9.04	1.29	0.18	67,824.00
	Balok kayu kelas II	m 3	0.020	3,428,571.43	68,571.43			0.90	0.13	0.02	3,100,525.71
	Plywood tebal 12 mm	lbr	0.350	150,000.00	52,500.00			15.83	2.26	0.32	2,373,840.00
	Penjaga jarak bekisting/spacer	bh	4.000	15,000.00	60,000.00			180.86	25.8 4	3.69	2,712,960.00
	Dolken kayu diameter 8-10/400 cm	bt g	3.000	25,555.00	76,665.00			135.65	19.3 8	2.77	3,466,484.64
				<b>jumlah harga bahan 1xpakai</b>	<b>367,293.57</b>						<b>16,607,546.13</b>
				<b>jumlah harga bahan 3xpakai</b>	<b>121,206.88</b>						
<b>C. PERALATAN</b>											
	<b>D. JUMLAH (A+B+C)</b>				171,449.38						17,040,263.25
	<b>E. Overhead &amp; Profit</b>	%	5.000	171,449.38	8,572.47						85,201,316.23
	<b>F. Harga Satuan Pekerjaan (D+E) 2x pakai</b>				<b>180,021.85</b>						<b>102,241,579.47</b>

durasi :

14 hari

7

jam kerja

vol : 105.00

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUM LAH (perhari)	JUM LAH (perjam)	TOTAL HARGA (Rp)	
18	<b>A.2.2.1.13. Pembongkaran 1 m3 beton bertulang</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol	
	<b>A. TENAGA</b>											
	pekerja	oh	13.334	50,000.00	666,700.00	7,142.86	95,242.86	1,400.07	100.01	14.29	10,000,500.00	
	mandor	oh	0.666	90,000.00	59,940.00	12,857.14	8,562.86	69.93	5.00	0.71	899,100.00	
				<b>jumlah tenaga kerja</b>	<b>726,640.00</b>							<b>10,899,600.00</b>
	<b>B. BAHAN</b>											
	<b>C. PERALATAN</b>											
	<b>D. JUMLAH (A+B+C)</b>					726,640.00						10,899,600.00
	<b>E. Overhead &amp; Profit</b>	%	5.000	726,640.00	36,332.00							54,498,000.00
	<b>F. Harga Satuan Pekerjaan (D+E)</b>				<b>762,972.00</b>							<b>65,397,600.00</b>
	<b>potong kepala bor pile Ø600</b>	ttk	0.311	<b>762,972.00</b>	<b>237,261.40</b>							

durasi : 14 hari 7 jam kerja

vol : 233.41

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUM LAH (perhari)	JUM LAH (perjam)	TOTAL HARGA (Rp)
19	<b>A.3.2.1.4. Pemasangan 1 m3 pondasi batu belah campuran 1SP : 6PP</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/ Hari	11 = 7 x vol
	<b>A. TENAGA</b>										
	pekerja	oh	1.500	50,000.00	75,000.00	7,142.86	10,714.29	350.11	25.01	3.57	2,500,786.29

	tukang batu	oh	0.750	85,000.00	63,750.00	12,142.86	9,107.14	175.06	12.50	1.79	2,125,668.34
	kepala tukang	oh	0.075	90,000.00	6,750.00	12,857.14	964.29	17.51	1.25	0.18	225,070.77
	mandor	oh	0.075	90,000.00	6,750.00	12,857.14	964.29	17.51	1.25	0.18	225,070.77
				<b>jumlah tenaga kerja</b>	<b>129,412.50</b>						<b>5,076,596.16</b>
	<b>B. BAHAN</b>										
	batu belah	m 3	1.200	180,000.00	216,000.00			280.09	20.01	2.86	50,415,851.52
	Semen Portland	kg	117.000	1,375.00	160,875.00			27,308.59	1.950.61	278.66	37,549,306.08
	Pasir beton	m 3	0.561	215,000.00	120,615.00			130.94	9.35	1.34	28,152,351.53
				<b>jumlah harga bahan</b>	<b>497,490.00</b>						<b>116,117,509.13</b>
	C. PERALATAN										
	D. JUMLAH (A+B+C)				626,902.50						121,194,105.29
	E. Overhead & Profit	%	5.000	626,902.50	31,345.13						605,970,526.46
	<b>F. Harga Satuan Pekerjaan (D+E)</b>				<b>658,247.63</b>						<b>727,164,631.76</b>

durasi : 14 hari 7 jam kerja

vol : 241.92

no.	jenis pekerjaan	satuan	Koefisien	Harga Satuan Per Hari (Rp)	Jumlah Per Hari (Rp)	Harga Satuan Per Jam (Rp)	Jumlah Per Jam (Rp)	JUMLAH	JUMLAH (perhari)	JUMLAH (perjam)	TOTAL HARGA (Rp)
20	<b>A.4.1.1.20 Pemasangan 1 m2 bekisting untuk pondasi</b>	2	3	4	5	6	7	8 = 3 x vol	9 = 8 / dur	10 = 9 / Jam Kerja/Hari	11 = 7 x vol
	<b>TENAGA</b>										
	pekerja	oh	0.520	50,000.00	26,000.00	7,142.86	3,714.29	125.80	8.99	1.28	898,560.00
	tukang kayu	oh	0.260	85,000.00	22,100.00	12,142.86	3,157.14	62.90	4.49	0.64	763,776.00

	kepala tukang	oh	0.026	90,000.00	2,340.00	12,857.14	334.29	6.29	0.45	0.06	80,870.40
	mandor	oh	0.026	90,000.00	2,340.00	12,857.14	334.29	6.29	0.45	0.06	80,870.40
				<b>jumlah tenaga kerja</b>	<b>52,780.00</b>						<b>1,824,076.80</b>
	<b>B. BAHAN</b>										
	Kayu kelas III	m 3	0.040	3,428,571.43	137,142.86			9.68	0.69	0.10	33,177,600.00
	Paku 2"-3"	kg	0.300	13,000.00	3,900.00			72.58	5.18	0.74	943,488.00
	Minyak bekisting	ltr	0.100	7,500.00	750.00			24.19	1.73	0.25	181,440.00
				<b>jumlah harga bahan 1xpakai</b>	<b>141,792.86</b>						<b>34,302,528.00</b>
				<b>jumlah harga bahan 2xpakai</b>	<b>70,896.43</b>						
	C. PERALATAN										
	D. JUMLAH (A+B+C)				123,676.43						36,126,604.80
	E. Overhead & Profit Harga Satuan Pekerjaan (D+E)	%	5.000	123,676.43	6,183.82						180,633,024.00
	F. 2x pakai				<b>129,860.25</b>						<b>216,759,628.80</b>

## **LAMPIRAN III**

### **Daftar Harga Upah Dan Harga Bahan**

## Daftar upah

no	jenis upah	satuan	harga	7.00 harga/jam	jam keterangan
1	Pekerja	oh	50,000.00	7,143	
2	Mandor	oh	90,000.00	12,857	
3	Tukang kayu	oh	85,000.00	12,143	
4	Kepala tukang	oh	90,000.00	12,857	
5	Tukang batu	oh	85,000.00	12,143	
6	tukang besi	oh	90,000.00	12,857	
7	pompa beton /50 m3	jm	110,000.00	15,714	
8	koordinasi lapangan	jm		-	
9	sewa pompa air disel 20KW	bh		-	
10	Sewa mobile crane kapasitas kl.45 ton	bln	110,000,000.00	15,714,286	
11	Sewa Tower crane	bln	190,000,000.00	27,142,857	

## Daftar bahan

no	jenis bahan	satuan	harga		keterangan
1	Kayu balok 5/7	m3	3,428,571.43		
2	Paku 2"-3"	kg	13,000.00		
3	Kayu papan 3/20	m3	6,500,000.00		
4	Besi strip	kg	10,500.00		
5	Semen portland	kg	1,375.00		
6	Pasir pasang	m3	205,000.00		
7	Pasir beton	m3	215,000.00		
8	Koral beton	m3	230,000.00		
9	Dolken kayu diameter 8-10/400 cm	btg	25,555.00		

10	kayu	m3	3,428,571.43		
11	Bata merah	bh	650.00		
12	Seng plat	lbr	35,000.00		
13	Jendela naco	bh	75,000.00		
14	Kaca polos	m2	85,000.00		
15	Kunci tanam	bh	75,000.00		
16	Plywood 4mm	lbr	65,000.00		
17	kerikil	m3	280,000.00		
18	air	ltr	10.00		
19	Besi beton (polos/ulir)	kg	9,500.00		
20	Kawat beton	kg	18,000.00		
21	Kayu kelas III	m3	3,428,571.43		
22	Minyak bekisting	ltr	7,500.00		
23	Balok kayu kelas II	m3	3,428,571.43		
24	Plywood tebal 12 mm	lbr	150,000.00		
25	Penjaga jarak bekisting/spacer	bh	15,000.00		
26	beton curah f'c : 25 MPa	m3	900,000.00		
27	beton curah f'c : 30 MPa	m3	1,000,000.00		
28	batu belah	m3	180,000.00		
29	Beton Ready Mixed 25 Mpa	m3	880,000.00		
30	Beton Ready Mixed 30 Mpa split 2 - 3 cm	m3	950,000.00		
31	Beton Ready Mixed 30 Mpa split 1 - 2 cm	m3	1,000,000.00		
32	Upah Trowel beton tanpa floorhardener	m2	10,000.00		
33	Upah Trowel beton dengan floorhardener	m2	30,000.00		





## **LAMPIRAN IV**

### **Jadwal Waktu Pelaksanaan (Kurva S)**



	pembesian	629.22		1,171.78	737,310.62	0.000				
	beton f'c : 30 MPa	6.78	m3	1,301,676.65	Rp 8,828,491.73	0.001				
IX.	<b>Pekerjaan Plat -0.05</b>					-				
	bekisting plat	993.86	m2	193,140.13	Rp 191,954,119.09	0.017				
	pembesian	14,894.77	kg	1,171.78	Rp 17,453,378.72	0.002				
	beton f'c : 30 MPa	119.26	m3	1,301,676.65	Rp 155,242,021.44	0.014				
	<b>LANTAI 1</b>					-				
I.	<b>Pekerjaan Kolom &amp; Shearwall - 0.05 s/d +4.45</b>					-				
1	kolom K1- KL					-				
	bekisting kolom	376.62	m2	135,014.63	Rp 50,848,839.82	0.004				
	pembesian	11,743.26	kg	1,171.78	Rp 13,760,508.69	0.001				
	beton f'c : 30 MPa	67.92	m3	1,301,676.65	Rp 88,413,783.29	0.008				
2	shearwall SW1					-				
	bekisting dinding	448.16	m2	180,021.85	Rp 80,677,691.07	0.007				
	pembesian	27,731.13	kg	1,171.78	Rp 32,494,761.29	0.003				
	beton f'c : 30 MPa	67.22	m3	1,301,676.65	Rp 87,502,935.05	0.008				
II.	<b>Pekerjaan Balok +4.45</b>					-				
	bekisting balok	653.20	m2	148,963.13	Rp 97,302,891.41	0.009				
	pembesian	24,843.86	kg	1,171.78	Rp 29,111,517.94	0.003				
	beton f'c : 30 MPa	108.49	m3	1,301,676.65	Rp 141,217,205.28	0.012				
III.	<b>Pekerjaan Plat +4.45</b>					-				
	bekisting plat	881.21	m2	193,140.13	Rp 170,196,495.05	0.015				
	pembesian	13,305.85	kg	1,171.78	Rp 15,591,515.47	0.001				
	beton f'c : 30 MPa	105.74	m3	1,301,676.65	Rp 137,645,641.88	0.012				
IV.	<b>Pekerjaan tangga - 0.05 s/d +4.45</b>					-				
	bekisting tangga	51.13	m2	191,470.50	Rp 9,789,886.67	0.001				
	pembesian	1,483.41	kg	1,171.78	Rp 1,738,224.92	0.000				
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	Rp 8,880,109.39	0.001				
	<b>LANTAI 2</b>					-				
I.	<b>Pekerjaan Kolom &amp; Shearwall +4.45 s/d +8.45</b>					-				
1	kolom K1- KL					-				
	bekisting kolom	313.86	m2	135,014.63	Rp 42,376,262.96	0.004				
	pembesian	9,366.50	kg	1,171.78	Rp 10,975,468.00	0.001				

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	beton f'c : 30 MPa	57.24	m3	1,301,676.65	Rp 74,507,971.61	0.007			
2	shearwall SW1-SW5					-			
	bekisting dinding	398.36	m2	180,021.85	Rp 71,713,503.17	0.006			
	pembesian	21,756.75	kg	1,171.78	Rp 25,494,104.85	0.002			
	beton f'c : 30 MPa	59.75	m3	1,301,676.65	Rp 77,780,386.71	0.007			
II.	Pekerjaan Balok +8.45					-			
	bekisting balok	630.87	m2	148,963.13	Rp 93,975,667.14	0.008			
	pembesian	25,730.70	kg	1,171.78	Rp 30,150,691.53	0.003			
	beton f'c : 30 MPa	108.41	m3	1,301,676.65	Rp 141,117,686.89	0.012			
III.	Pekerjaan Plat +8.45					-			
	bekisting plat	971.79	m2	193,140.13	Rp 187,691,177.53	0.017			
	pembesian	16,278.34	kg	1,171.78	Rp 19,074,618.70	0.002			
	beton f'c : 30 MPa	116.61	m3	1,301,676.65	Rp 151,794,386.83	0.013			
IV.	Pekerjaan tangga +4.45 s/d +8.45					-			
	bekisting tangga	51.13	m2	191,470.50	Rp 9,789,886.67	0.001			0.0004 0.0004
	pembesian	1,483.41	kg	1,171.78	Rp 1,738,224.92	0.000			0.0001 0.0001
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	Rp 8,880,109.39	0.001			0.0004 0.0004
	<b>LANTAI 3</b>					-			
I.	Pekerjaan Kolom & Shearwall +8.45 s/d +12.45					-			
1	kolom K1- KL					-			
	bekisting kolom	256.26	m2	135,014.63	Rp 34,599,420.56	0.003			0.0015 0.0015
	pembesian	7,928.79	kg	1,171.78	Rp 9,290,793.97	0.001			0.0004 0.0004
	beton f'c : 30 MPa	48.60	m3	1,301,676.65	Rp 63,261,485.33	0.006			0.0028 0.0028
2	shearwall SW1-SW5					-			
	bekisting dinding	398.36	m2	180,021.85	Rp 71,713,503.17	0.006			0.0032 0.0032
	pembesian	19,050.47	kg	1,171.78	Rp 22,322,937.41	0.002			0.0010 0.0010
	beton f'c : 30 MPa	59.75	m3	1,301,676.65	Rp 77,780,386.71	0.007			0.0034 0.0034
II.	Pekerjaan Balok +12.45					-			
	bekisting balok	514.80	m2	148,963.13	Rp 76,686,875.76	0.007			0.0022 0.0022 0.0022
	pembesian	21,421.70	kg	1,171.78	Rp 25,101,502.84	0.002			0.0007 0.0007 0.0007
	beton f'c : 30 MPa	90.00	m3	1,301,676.65	Rp 117,146,743.80	0.010			0.0034 0.0034 0.0034
III.	Pekerjaan Plat +12.45					-			
	bekisting plat	993.10	m2	193,140.13	Rp 191,808,393.92	0.017			0.0056 0.0056 0.0056
	pembesian	14,980.64	kg		Rp				

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	kolom	229.06	m2	135,014.63	30,927,022.76	0.003			
	pembesian	6,547.86	kg	1,171.78	Rp 7,672,648.16	0.001			
	beton f'c : 30 MPa	38.40	m3	1,301,676.65	Rp 49,984,383.47	0.004			
2	shearwall SW1-SW5					-			
	bekisting dinding	398.36	m2	180,021.85	Rp 71,713,503.17	0.006			
	pembesian	15,611.12	kg	1,171.78	Rp 18,292,786.59	0.002			
	beton f'c : 30 MPa	59.75	m3	1,301,676.65	Rp 77,780,386.71	0.007			
II.	Pekerjaan Balok +20.45					-			
	bekisting balok	514.80	m2	148,963.13	Rp 76,686,875.76	0.007			
	pembesian	21,421.70	kg	1,171.78	Rp 25,101,502.84	0.002			
	beton f'c : 30 MPa	90.00	m3	1,301,676.65	Rp 117,146,743.80	0.010			
III.	Pekerjaan Plat +20.45					-			
	bekisting plat	963.41	m2	193,140.13	Rp 186,074,063.61	0.016			
	pembesian	14,446.22	kg	1,171.78	Rp 16,927,780.88	0.001			
	beton f'c : 30 MPa	115.61	m3	1,301,676.65	Rp 150,486,553.29	0.013			
IV.	Pekerjaan tangga +16.45 s/d +20.45					-			
	bekisting tangga	51.13	m2	191,470.50	Rp 9,789,886.67	0.001			0.0004 0.0004
	pembesian	1,483.41	kg	1,171.78	Rp 1,738,224.92	0.000			0.0001 0.0001
	beton f'c : 30 MPa	6.82	m3	1,301,676.65	Rp 8,880,109.39	0.001			0.0004 0.0004
	<b>LANTAI 6</b>					-			
I.	Pekerjaan Kolom & Shearwall +20.45 s/d +24.45					-			
1	kolom K1- KL					-			
	bekisting kolom	229.06	m2	135,014.63	Rp 30,927,022.76	0.003			0.0014 0.0014
	pembesian	6,547.86	kg	1,171.78	Rp 7,672,648.16	0.001			0.0003 0.0003
	beton f'c : 30 MPa	38.40	m3	1,301,676.65	Rp 49,984,383.47	0.004			0.0022 0.0022
2	shearwall SW1-SW5					-			
	bekisting dinding	398.36	m2	180,021.85	Rp 71,713,503.17	0.006			0.0032 0.0032
	pembesian	13,908.70	kg	1,171.78	Rp 16,297,921.95	0.001			0.0007 0.0007
	beton f'c : 30 MPa	59.75	m3	1,301,676.65	Rp 77,780,386.71	0.007			0.0034 0.0034
II.	Pekerjaan Balok +24.45					-			
	bekisting balok	514.80	m2	148,963.13	Rp 76,686,875.76	0.007			0.0022 0.0022 0.0022
	pembesian	21,421.70	kg	1,171.78	Rp 25,101,502.84	0.002			0.0007 0.0007 0.0007
	beton f'c : 30 MPa	90.00	m3	1,301,676.65	Rp 117,146,743.80	0.010			0.0034 0.0034 0.0034
III.	Pekerjaan					-			

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# **LAMPIRAN V**

**Daftar Perbandingan RAB Proyek**

**Dengan *Baseline Cost***

**Hasil Analisis *Ms. Project***

NO	Jenis Pekerjaan	Dur	Volume	Sat	HARGA PEKERJAAN		SELISIH
					MODIFIKASI (Rp)	MS. PROJECT (Rp)	
	<b>PEKERJAAN STRUKTUR</b>						
	<b>BASEMENT</b>						
<b>I.</b>	<b>Pekerjaan Persiapan</b>	21			Rp 411,154,122.72	Rp411,154,123	
<b>II.</b>	<b>Pekerjaan Tanah</b>	28			Rp 469,859,095.18	469.859.095	
<b>III.</b>	<b>Pekerjaan Fondasi</b>	28			Rp 3,961,749,076.75	Rp3,961,749,077	
<b>IV.</b>	<b>Pekerjaan Sloof</b>						
	bekisting sloof	14	279.85	m2	Rp 46,588,625.52	Rp46,560,143	Rp 28,482.52
	pembesian	21	11,845.10	kg	Rp 118,677,708.35	Rp118,668,464	Rp 9,244.35
	beton f'c : 30 MPa	7	51.36	m3	Rp 50,079,630.96	Rp50,085,122	Rp 5,491.04
<b>V.</b>	<b>Pekerjaan Kolom &amp; Shearwall -3.30 s/d -0.05</b>						
1	kolom K1						
	bekisting kolom	7	223.81	m2	Rp 57,285,691.38	Rp57,544,891	Rp 259,199.62
	pembesian	7	8,256.36	kg	Rp 82,721,679.01	Rp82,725,234	Rp 3,554.99
	beton f'c : 30 MPa	5	41.83	m3	Rp 40,786,275.21	Rp40,785,528	Rp 747.21
2	shearwall SW1						
	bekisting dinding	7	323.67	m2	Rp 121,978,490.01	Rp121,969,164	Rp 9,326.01
	pembesian	7	22,126.76	kg	Rp 221,691,190.27	Rp221,692,282	Rp 1,091.73
	beton f'c : 30 MPa	5	48.55	m3	Rp 47,341,551.84	Rp47,345,276	Rp 3,724.16
<b>VI.</b>	<b>Pekerjaan tangga -3.30 s/d -0.05</b>						
	bekisting tangga	14	25.57	m2	Rp 6,999,459.61	Rp7,005,002	Rp 5,542.39



1							
	bekisting kolom	7	376.62	m2	Rp	96,395,728.92	Rp 17,028.92
	pembesian	7	11,743.26	kg	Rp	117,657,427.16	Rp 6,420.84
	beton f'c : 30 MPa	5	67.92	m3	Rp	66,232,171.92	Rp 1,859.92
2	shearwall SW5						
	bekisting dinding	7	448.16	m2	Rp	168,893,293.85	Rp 27,004.85
	pembesian	7	27,731.13	kg	Rp	277,842,200.15	Rp 3,230.85
	beton f'c : 30 MPa	5	67.22	m3	Rp	65,549,841.01	Rp 1,430.99
<b>II.</b>	<b>Pekerjaan Balok +4.45</b>						
	bekisting balok	14	653.20	m2	Rp	185,804,013.35	Rp 22,956.65
	pembesian	14	24,843.86	kg	Rp	248,914,221.01	Rp 7,495.01
	beton f'c : 30 MPa	7	108.49	m3	Rp	105,788,055.55	Rp 1,238.55
<b>III.</b>	<b>Pekerjaan Plat +4.45</b>						
	bekisting plat	14	881.21	m2	Rp	361,886,675.57	Rp 20,041.43
	pembesian	14	13,305.85	kg	Rp	133,313,210.77	Rp 52.23
	beton f'c : 30 MPa	7	105.74	m3	Rp	103,112,540.58	Rp 10,885.42
<b>IV.</b>	<b>Pekerjaan tangga -0.05 s/d +4.45</b>						
	bekisting tangga	7	51.13	m2	Rp	13,998,919.22	Rp 9,969.22
	pembesian	7	1,483.41	kg	Rp	14,862,464.54	Rp 3,984.54
	beton f'c : 30 MPa	5	6.82	m3	Rp	6,652,231.25	Rp 677.25
	<b>LANTAI 2</b>						

<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +4.45 s/d +8.45</b>						
1	kolom K1-KL						
	bekisting kolom	7	313.86	m2	Rp 80,334,001.17	Rp80,322,294	Rp 11,707.17
	pembesian	7	9,366.50	kg	Rp 93,844,301.57	Rp93,846,114	Rp 1,812.43
	beton f'c : 30 MPa	5	57.24	m3	Rp 55,815,107.11	Rp55,818,719	Rp 3,611.89
2	shearwall SW5						
	bekisting dinding	7	398.36	m2	Rp 150,127,372.31	Rp150,136,805	Rp 9,432.69
	pembesian	7	21,756.75	kg	Rp 217,984,004.27	Rp217,986,837	Rp 2,832.73
	beton f'c : 30 MPa	5	59.75	m3	Rp 58,266,525.34	Rp58,267,295	Rp 769.66
<b>II.</b>	<b>Pekerjaan Balok +8.45</b>						
	bekisting balok	14	630.87	m2	Rp 179,450,536.96	Rp179,468,839	Rp 18,302.04
	pembesian	14	25,730.70	kg	Rp 257,799,538.71	Rp257,805,076	Rp 5,537.29
	beton f'c : 30 MPa	7	108.41	m3	Rp 105,713,504.74	Rp105,713,459	Rp 45.74
<b>III.</b>	<b>Pekerjaan Plat +8.45</b>						
	bekisting plat	14	971.79	m2	Rp 399,085,399.82	Rp399,093,019	Rp 7,619.18
	pembesian	14	16,278.34	kg	Rp 163,095,028.77	Rp163,098,878	Rp 3,849.23
	beton f'c : 30 MPa	7	116.61	m3	Rp 113,711,590.56	Rp113,708,934	Rp 2,656.56
<b>IV.</b>	<b>Pekerjaan tangga +4.45 s/d +8.45</b>						
	bekisting tangga	7	51.13	m2	Rp 13,998,919.22	Rp13,988,950	Rp 9,969.22
	pembesian	7	1,483.41	kg	Rp 14,862,464.54	Rp14,858,480	Rp 3,984.54

	beton f'c : 30 MPa	5	6.82	m3	Rp	6,652,231.25	Rp6,651,554	Rp	677.25
	<b>LANTAI 3</b>								
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +8.45 s/d +12.45</b>								
1	kolom K1								
	bekisting kolom	7	256.26	m2	Rp	65,591,198.89	Rp65,574,360	Rp	16,838.89
	pembesian	7	7,928.79	kg	Rp	79,439,716.91	Rp79,438,299	Rp	1,417.91
	beton f'c : 30 MPa	5	48.60	m3	Rp	47,390,185.29	Rp47,391,601	Rp	1,415.71
2	shearwall SW5								
	bekisting dinding	7	398.36	m2	Rp	150,127,372.31	Rp150,136,805	Rp	9,432.69
	pembesian	7	19,050.47	kg	Rp	190,869,352.41	Rp190,869,392	Rp	39.59
	beton f'c : 30 MPa	5	59.75	m3	Rp	58,266,525.34	Rp58,267,295	Rp	769.66
<b>II.</b>	<b>Pekerjaan Balok +12.45</b>								
	bekisting balok	14	514.80	m2	Rp	146,436,853.84	Rp146,424,005	Rp	12,848.84
	pembesian	14	21,421.70	kg	Rp	214,627,112.20	Rp214,626,377	Rp	735.20
	beton f'c : 30 MPa	7	90.00	m3	Rp	87,756,489.84	Rp87,755,446	Rp	1,043.84
<b>III.</b>	<b>Pekerjaan Plat +12.45</b>								
	bekisting plat	14	993.10	m2	Rp	407,839,785.45	Rp407,822,945	Rp	16,840.45
	pembesian	14	14,980.64	kg	Rp	150,093,203.49	Rp150,095,453	Rp	2,249.51
	beton f'c : 30 MPa	7	119.17	m3	Rp	116,205,981.77	Rp116,210,512	Rp	4,530.23
<b>IV.</b>	<b>Pekerjaan tangga +8.45 s/d +12.45</b>								
	bekisting tangga	7	51.13	m2	Rp	13,998,919.22	Rp13,988,950	Rp	9,969.22



	<b>+16.45</b>							
	bekisting tangga	7	51.13	m2	Rp	13,998,919.22	Rp13,988,950	Rp 9,969.22
	pembesian	7	1,483.41	kg	Rp	14,862,464.54	Rp14,858,480	Rp 3,984.54
	beton f'c : 30 MPa	7	6.82	m3	Rp	6,652,231.25	Rp6,651,554	Rp 677.25
	<b>LANTAI 5</b>							
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +16.45 s/d +20.45</b>							
1	kolom K1-KL							
	bekisting kolom	7	229.06	m2	Rp	58,629,320.03	Rp58,629,103	Rp 217.03
	pembesian	7	6,547.86	kg	Rp	65,603,973.09	Rp65,604,089	Rp 115.91
	beton f'c : 30 MPa	5	38.40	m3	Rp	37,444,097.02	Rp37,444,019	Rp 78.02
2	shearwall SW5							
	bekisting dinding	7	398.36	m2	Rp	150,127,372.31	Rp150,136,805	Rp 9,432.69
	pembesian	7	15,611.12	kg	Rp	156,410,075.71	Rp156,409,643	Rp 432.71
	beton f'c : 30 MPa	5	59.75	m3	Rp	58,266,525.34	Rp58,267,295	Rp 769.66
<b>II.</b>	<b>Pekerjaan Balok +20.45</b>							
	bekisting balok	14	514.80	m2	Rp	146,436,853.84	Rp146,424,005	Rp 12,848.84
	pembesian	14	21,421.70	kg	Rp	214,627,112.20	Rp214,626,377	Rp 735.20
	beton f'c : 30 MPa	7	90.00	m3	Rp	87,756,489.84	Rp87,755,446	Rp 1,043.84
<b>III.</b>	<b>Pekerjaan Plat +20.45</b>							
	bekisting plat	14	963.41	m2	Rp	395,646,950.74	Rp395,640,443	Rp 6,507.74
	pembesian	14	14,446.22	kg	Rp	144,738,773.17	Rp144,732,373	Rp 6,400.17
	beton f'c : 30 MPa	7		m3	Rp	112,731,871.64	Rp112,731,259	Rp 612.64



			115.61				
<b>IV.</b>	<b>Pekerjaan tangga +16.45 s/d +20.45</b>						
	bekisting tangga	7	51.13	m2	Rp 13,998,919.22	Rp13,988,950	Rp 9,969.22
	pembesian	7	1,483.41	kg	Rp 14,862,464.54	Rp14,858,480	Rp 3,984.54
	beton f'c : 30 MPa	5	6.82	m3	Rp 6,652,231.25	Rp6,651,554	Rp 677.25
	<b>LANTAI 6</b>						
<b>I.</b>	<b>Pekerjaan Kolom &amp; Shearwall +20.45 s/d +24.45</b>						
1	kolom K1-KL						
	bekisting kolom	7	229.06	m2	Rp 58,629,320.03	Rp58,629,104	Rp 216.03
	pembesian	7	6,547.86	kg	Rp 65,603,973.09	Rp65,604,089	Rp 115.91
	beton f'c : 30 MPa	5	38.40	m3	Rp 37,444,097.02	Rp37,444,019	Rp 78.02
2	shearwall SW1-SW5						
	bekisting dinding	7	398.36	m2	Rp 150,127,372.31	Rp150,136,805	Rp 9,432.69
	pembesian	7	13,908.70	kg	Rp 139,353,246.89	Rp139,354,843	Rp 1,596.11
	beton f'c : 30 MPa	5	59.75	m3	Rp 58,266,525.34	Rp58,267,295	Rp 769.66
<b>II.</b>	<b>Pekerjaan Balok +24.45</b>						
	bekisting balok	14	514.80	m2	Rp 146,436,853.84	Rp146,424,005	Rp 12,848.84
	pembesian	14	21,421.70	kg	Rp 214,627,112.20	Rp214,626,377	Rp 735.20
	beton f'c : 30 MPa	7	90.00	m3	Rp 87,756,489.84	Rp87,755,446	Rp 1,043.84
<b>III.</b>	<b>Pekerjaan Plat +24.45</b>						
	bekisting plat	14	963.41	m2	Rp 395,646,950.74	Rp395,640,443	Rp 6,507.74
	pembesian	14		kg	Rp 144,738,773.17	Rp144,732,373	Rp 6,400.17

			14,446.22				
	beton f'c : 30 MPa	7	115.61	m3	Rp 112,731,871.64	Rp112,731,259	Rp 612.64
<b>IV.</b>	<b>Pekerjaan tangga +20.45 s/d +24.45</b>						
	bekisting tangga	7	51.13	m2	Rp 13,998,919.22	Rp13,988,950	Rp 9,969.22
	pembesian	7	1,483.41	kg	Rp 14,862,464.54	Rp14,858,480	Rp 3,984.54
	beton f'c : 30 MPa	5	6.82	m3	Rp 6,652,231.25	Rp6,651,554	Rp 677.25
					Rp 17,792,485,780.55	Rp17,322,738,669	Rp 469,747,111.55