

BAB V

KESIMPULAN DAN SARAN

A. Kesimpulan

Berdasarkan hasil penelitian dan pembahasan tentang analisis *service life time* gedung perkuliahan fakultas filsafat Universitas Gadjah Mada Yogyakarta, dapat disimpulkan sebagai berikut :

1. Terdapat tiga *group* yang menyusun analisis *service life time* untuk perhitungan *Life Cycle Cost*, yaitu biaya pembangunan, biaya operasional, dan biaya perawatan dan penggantian.
2. Total biaya perencanaan *Life Cycle cost* gedung perkuliahan Fakultas Filsafat Universitas Gadjah Mada Yogyakarta, yaitu : Biaya Pembangunan Rp33.061.123.900,00 (termasuk biaya PPN 10%), Biaya Operasional Rp8.851.350.000,00. Biaya Perawatan dan penggantian Rp9.295.940.414,14.
3. Pada *group* penyusun Biaya Operasional, biaya terbesar terdapat pada *Group Cleaning Service*, yaitu sebesar Rp6.000.000.000,00, kemudian *Group Utilities* yaitu sebesar Rp2.851.350.000,00.
4. Pada *Group Maintenance*, biaya terbesar terdapat pada *group* Pekerjaan Elektrikal Rp3,182,260,902.00 (34,23%), Pekerjaan Dinding Rp2,776,428,488.34 (29,87%), Pekerjaan Lantai Rp2,351,850,938.17 (25,30%), Pekerjaan Sanitasi Rp582,584,000.00 (6,27%), Pekerjaan Plafond Rp380,032,508.66 (4,09%), Pekerjaan Penutup atap Rp22,783,576.97 (0,2%).

B. Saran

1. Masih ditemukan kelemahan dalam menentukan *Service Life Time* komponen- komponen bangunan gedung.

2. Dalam perhitungan *Life Cycle Cost*, pada group Biaya Operasional, masih perlu dilakukan penelitian lebih lanjut untuk mendapatkan hasil perhitungan *Life Cycle Cost* yang lebih baik.
3. Dilakukan penelitian lebih lanjut terutama untuk setiap item pekerjaan terkait, karena akan berpengaruh pada hasil perhitungan *Life Cycle Cost*.
4. Untuk akademisi, sebagai bahan pertimbangan dan perhitungan tentang pemilihan material yang berhubungan dengan umur rencana bangunan.



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LAMPIRAN

A. KUESIONER

Universitas Atma Jaya Yogyakarta pada jenjang pendidikan Pascasarjana, Program Magister teknik Sipil, Konsentrasi Manajemen Konstruksi, memberikan tugas kepada mahasiswanya untuk melakukan penelitian Tesis.

Nama : Frederick Martce Yudha

No. Mahasiswa : 145102255

Pada kesempatan ini saya selaku mahasiswa Program Magister Teknik Sipil, Program Pasca Sarjana Universitas Atma Jaya Yogyakarta, bermaksud akan melakukan penelitian mengenai **“ANALISIS SERVICE LIFE TIME GEDUNG PERKULIAHAN FAKULTAS FILSAFAT UNIVERSITAS GADJAH MADA YOGYAKARTA”**.

Saya berjanji semua jawaban yang Bapak/Ibu/Saudara berikan kepada saya, hanya digunakan untuk kepentingan akademis dan akan dijamin kerahasiaannya. Jika ada pertanyaan-pertanyaan yang sekiranya kurang bisa dipahami dalam mengisi kuesioner ini, jangan segan untuk menghubungi saya.

Akhirnya atas perhatian dan kerjasama yang Bapak/Ibu/Saudara berikan, saya ucapkan terimakasih.

1. Identitas Responden

Nama :

Pekerjaan :Konsultan/Kontraktor/Supplier/Akademisi*

Pengalaman dalam konstruksi :

2. Keterangan

* Coret yang tidak perlu

3. Asesmen

GROUP	KOMPONEN BAHAN BANGUNAN	SERVICE LIFE (Tahun)	KETERANGAN BAHAN (merk bahan)
Struktur Atap			
	Struktur atap rangka baja		
	Penutup atap genteng keramik glatzur		
Dinding			
1	Coating Batu Alam		
2	Cat Dinding (luar)		
3	Cat Dinding (dalam)		
4	Cat Plafond		
5	Cat ulang compound plat dan compound plat tangga		
6	Kaca Pintu dan Jendela		
7	Dinding Homogenous Tile Jumplift 300 x 600 mm		
8	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap		
Lantai			
1	Lantai Homogenous Tile 600 x 600 mm		
2	Homogenous Tile Plint 100 x 600 mm		
3	Lantai Homogenous Tile 600 x 600 mm (Tekstur)		
	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)		
ME			
1	Lampu biasa		
2	lampu down light		
3	stop kontak dinding		
4	saklar tunggal		
5	saklar ganda		
6	Fitting		
7	AC		
8	Lift		

Tabel Lanjutan...			
9	fire alarm		
10	WiFi		
11	Telepon		
12	cctv		
Plafond			
1	Plafond gypsum tebal 9 mm rangka metal furing		
2	Plafon kalsiboard t = 6 mm rangka metal furing		
3	Drop ceiling plafond gypsum t = 9 mm, rangka metal furing		
Sanitasi			
1	Wastafel		
2	Bak Cuci Stainless steel		
3	Keran Air		
4	WC duduk		
5	Floor Drain		
6	Pipa PVC		
Aksesoris			
	Slot Pintu dan Jendela		
	Handle Pintu dan jendela		
	Engsel pintu dan jendela		

B. Rata- rata Responden

Responden		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GROUP	KOMPONEN BAHAN BANGUNAN	SERVICE LIFE (Tahun)														
Struktur Atap																
	Struktur atap rangka baja	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	Penutup atap genteng keramik glazur	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Dinding																
	Coating Batu Alam	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Cat Dinding (luar)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Cat Dinding (dalam)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Cat Kayu	5	6	5	6	5	6	5	6	5	6	5	6	5	6	6
	Cat Plafond	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Kusen Alumunium	5	6	5	6	5	6	5	6	5	6	5	6	5	6	6
	Pintu Alumunium	5	6	5	6	5	6	5	6	5	6	5	6	5	6	6
	cat Jendela Kayu	5	6	5	6	5	6	5	6	5	6	5	6	5	6	6
	Homogenous Tile Dinding 300 x 600 mm	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Dinding Homogenous Tile Jumplift 300 x 600 mm	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

Tabel Lanjutan																
	Kaca Pintu dan Jendela	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Lantai																
	Lantai Homogenous Tile 600 x 600 mm	20	15	20	15	20	15	20	15	20	15	20	15	20	15	15
	Homogenous Tile Plint 100 x 600 mm	20	15	20	15	20	15	20	15	20	15	20	15	20	15	15
	Lantai Homogenous Tile 600 x 600 mm (Teksur)	20	15	20	15	20	15	20	15	20	15	20	15	20	15	15
	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Teksur)	20	15	20	15	20	15	20	15	20	15	20	15	20	15	15
ME																
	Lampu biasa	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	lampu down light	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	stop kontak dinding	8	10	8	10	8	10	8	10	8	10	8	10	8	10	10
	saklar tunggal	8	10	8	10	8	10	8	10	8	10	8	10	8	10	10
	saklar ganda	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	fitting	20	8	20	8	20	8	20	8	20	8	20	8	20	8	8
	AC	15	20	15	20	15	20	15	20	15	20	15	20	15	20	20
	lift	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	fire alarm	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	WiFi	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	telepon	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15

Tabel Lanjutan																
	cctv	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Plafond																
	Plafond gypsum tebal 9 mm rangka metal furing	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	Plafon kalsiboard t = 6 mm rangka metal furing	18	15	18	15	18	15	18	15	18	15	18	15	18	15	15
	Drop ceiling plafond gypsum t = 9 mm, rangka metal furing	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Sanitasi																
	Wastafel	8	10	8	10	8	10	8	10	8	10	8	10	8	10	10
	Bak Cuci Stainless steel	12	8	12	8	12	8	12	8	12	8	12	8	12	8	8
	Keran Air	3	5	3	5	3	5	3	5	3	5	3	5	3	5	5
	Kloset duduk	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	Floor Drain	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Pipa PVC	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Aksesoris																
	Slot Pintu dan Jendela	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Handle Pintu dan jendela	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Engsel pintu dan jendela	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

C. Tabel Operasional Cost

OPERATIONAL COST	Jumlah Harga 1x Penggantian	Prediksi	MTC 25 th	1	2	3	4	5
1. Group Cleaning Service								
a.Tenaga	Rp 15,000,000.00	Is	Rp 606,000,000.00	Rp 30,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00
b.alat	Rp 2,000,000.00	Is	Rp 100,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00
c.bahan	Rp 3,000,000.00	Is	Rp 150,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00
2. Group Utilities								
a.Tagihan listrik	Rp 7,500,000.00	1 tahun 12x	Rp 2,250,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00
b.Telepon	Rp 2,000,000.00	1 tahun 12 x	Rp 600,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00
c.PDAM	Rp 4,500.00	1 tahun 12 x	Rp 1,350,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00
TOTAL OPERATIONAL COST			Rp 3,707,350,000.00	Rp 154,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00

6	7	8	9	10	11	12	13	14	15
Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00
Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00
Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00
Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00
Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00
Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00
Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00

16	17	18	19	20	21	22	23	24	25
Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00
Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00	Rp 4,000,000.00
Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00	Rp 6,000,000.00
Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00	Rp 90,000,000.00
Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00	Rp 24,000,000.00
Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00	Rp 54,000.00
Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00	Rp 148,054,000.00

C. Tabel Maintenance

MAINTENANCE COST							
Group	Uraian Pekerjaan	Volume		Harga Satuan	Jumlah Harga	Prediksi	MTC 25 thn
Group Struktur atap							
1	Penutup atap genteng keramik glazsur	705.37	m ²	Rp 32,300.00	Rp 22,783,576.97	20 tahun 1x	Rp 22,783,576.97
Group Dinding							
Lantai 1							
1	Coating Batu alam	939.46	m ²	Rp 29,150.00	Rp 27,385,288.83	1 tahun 1x	Rp 684,632,220.66
2	Cat ulang dinding dalam (dinding, kolom)	1046.40	m ²	Rp 24,250.00	Rp 25,375,282.99	5 tahun 1x	Rp 126,876,414.95
3	Cat ulang dinding luar (dinding, kolom, balok)	1082.24	m ²	Rp 29,300.00	Rp 31,709,716.15	5 tahun 1x	Rp 158,548,580.75
4	Cat ulang plafond	815.06	m ²	Rp 22,950.00	Rp 18,705,718.80	5 tahun 1x	Rp 93,528,594.00
5	Cat ulang compound plat dan compound plat tangga	154.11	m ²	Rp 23,000.00	Rp 3,544,449.50	12 tahun 1x	Rp 7,088,899.00
6	Dinding Homogenous Tile Jumplift 300 x 600 mm	2.86	m ²	Rp 418,300.00	Rp 1,195,501.40	20 tahun 1x	Rp 1,195,501.40
7	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap	3.06	m ²	Rp 418,300.00	Rp 1,280,039.83	20 tahun 1x	Rp 1,280,039.83
lantai 2							

Tabel Lanjutan...							
1	Cat ulang dinding dalam (dinding, kolom)	1724.97	m ²	Rp 24,250.00	Rp 41,830,594.57	5 tahun 1x	Rp 209,152,972.86
2	Cat ulang dinding luar (dinding, kolom, balok)	1054.71	m ²	Rp 29,300.00	Rp 30,903,008.04	5 tahun 1x	Rp 154,515,040.20
3	Cat ulang plafond	857.89	m ²	Rp 22,950.00	Rp 19,688,595.01	5 tahun 1x	Rp 98,442,975.04
4	Cat ulang compound plat dan compound plat tangga	140.98	m ²	Rp 22,950.00	Rp 3,235,458.87	12 tahun 1x	Rp 6,470,917.74
5	Dinding Homogenous Tile Jumplift 300 x 600 mm	3.65	m ²	Rp 418,300.00	Rp 1,526,376.70	20 tahun 1x	Rp 1,526,376.70
6	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap	3.03	m ²	Rp 418,300.00	Rp 1,266,612.40	20 tahun 1x	Rp 1,266,612.40
lantai 3							
1	Cat ulang dinding dalam (dinding, kolom)	1956.78	m ²	Rp 24,250.00	Rp 47,451,845.79	5 tahun 1x	Rp 237,259,228.95
2	Cat ulang dinding luar (dinding, kolom, balok)	1053.17	m ²	Rp 29,300.00	Rp 30,858,012.79	5 tahun 1x	Rp 154,290,063.96
3	Cat ulang plafond	878.41	m ²	Rp 22,950.00	Rp 20,159,509.50	5 tahun 1x	Rp 100,797,547.50
4	Cat ulang compound plat dan compound plat tangga	124.48	m ²	Rp 22,950.00	Rp 2,856,783.87	12 tahun 1x	Rp 5,713,567.74
5	Dinding Homogenous Tile Jumplift 300 x 600 mm	3.65	m ²	Rp 418,300.00	Rp 1,526,376.70	20 tahun 1x	Rp 1,526,376.70
6	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap	3.03	m ²	Rp 418,300.00	Rp 1,266,612.40	20 tahun 1x	Rp 1,266,612.40

Tabel Lanjutan...							
lantai 4							
1	Cat ulang dinding dalam (dinding, kolom)	1781.47	m ²	Rp 24,250.00	Rp 43,200,562.29	5 tahun 1x	Rp 216,002,811.43
2	Cat ulang dinding luar (dinding, kolom, balok)	651.62	m ²	Rp 29,300.00	Rp 19,092,565.21	5 tahun 1x	Rp 95,462,826.05
3	Cat ulang plafond	564.84	m ²	Rp 22,950.00	Rp 12,963,078.00	5 tahun 1x	Rp 64,815,390.00
4	Cat ulang compound plat dan compound plat tangga	92.37	m ²	Rp 22,950.00	Rp 2,119,937.40	12 tahun 1x	Rp 4,239,874.80
5	Dinding Homogenous Tile Jumplift 300 x 600 mm	3.65	m ²	Rp 418,300.00	Rp 1,526,376.70	20 tahun 1x	Rp 1,526,376.70
6	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap	3.03	m ²	Rp 418,300.00	Rp 1,266,612.40	20 tahun 1x	Rp 1,266,612.40
lantai 5							
1	Cat ulang dinding dalam (dinding, kolom)	1467.38	m ²	Rp 24,250.00	Rp 35,584,037.41	5 tahun 1x	Rp 177,920,187.05
2	Cat ulang dinding luar (dinding, kolom, balok)	670.65	m ²	Rp 29,300.00	Rp 19,650,094.40	5 tahun 1x	Rp 98,250,472.00
3	Cat ulang plafond	568.98	m ²	Rp 22,950.00	Rp 13,057,976.25	5 tahun 1x	Rp 65,289,881.25
4	Cat ulang compound plat dan compound plat tangga	75.87	m ²	Rp 22,950.00	Rp 1,741,262.40	12 tahun 1x	Rp 3,482,524.80
5	Dinding Homogenous Tile Jumplift 300 x 600 mm	3.65	m ²	Rp 418,300.00	Rp 1,526,376.70	20 tahun 1x	Rp 1,526,376.70

Tabel Lanjutan...							
6	Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap	3.03	m2	Rp 418,300.00	Rp 1,266,612.40	20 tahun 1x	Rp 1,266,612.40
Group mekanikal							
Elektrikal							
A	Lampu						
lantai 1							
1	penggantian Lampu TL T5 2 x 14 W (In Bow)	15.00	bh	Rp 749,600.00	Rp 11,244,000.00	5 tahun 1x	Rp 56,220,000.00
2	penggantian Lampu TL T5 2 x 28 W (In Bow)	16.00	bh	Rp 900,400.00	Rp 14,406,400.00	5 tahun 1x	Rp 72,032,000.00
3	penggantian Lampu DL Ø 4" LED Bubles 5 W	15.00	bh	Rp 234,250.00	Rp 3,513,750.00	5 tahun 1x	Rp 17,568,750.00
4	penggantian Lampu DL Ø 4" LED Bubles 10 W	71.00	bh	Rp 278,150.00	Rp 19,748,650.00	5 tahun 1x	Rp 98,743,250.00
5	penggantian Lampu Baret 22 W	6.00	bh	Rp 395,300.00	Rp 2,371,800.00	5 tahun 1x	Rp 11,859,000.00
6	penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27	3.00	bh	Rp 111,250.00	Rp 333,750.00	5 tahun 1x	Rp 1,668,750.00
7	penggantian Exit lamp 10 W	1.00	bh	Rp 834,450.00	Rp 834,450.00	5 tahun 1x	Rp 4,172,250.00
8	penggantian LED Strip 5 W/m (Panjang 36000 mm)	1.00	bh	Rp 1,771,800.00	Rp 1,771,800.00	5 tahun 1x	Rp 8,859,000.00

Tabel Lanjutan...							
9	penggantian Lampu ceiling light Ø 38 cm	2.00	bh	Rp 805,250.00	Rp 1,610,500.00	5 tahun 1x	Rp 8,052,500.00
lantai 2							
1	penggantian Lampu TL T5 2 x 14 W (In Bow)	6.00	bh	Rp 749,600.00	Rp 4,497,600.00	5 tahun 1x	Rp 22,488,000.00
2	Lampu TL T5 2 x 28 W (In Bow)	29.00	bh	Rp 900,400.00	Rp 26,111,600.00	5 tahun 1x	Rp 130,558,000.00
3	Lampu DL Ø 4" LED Bubls 5 W	17.00	bh	Rp 234,250.00	Rp 3,982,250.00	5 tahun 1x	Rp 19,911,250.00
4	Lampu DL Ø 4" LED Bubls 10 W	58.00	bh	Rp 278,150.00	Rp 16,132,700.00	5 tahun 1x	Rp 80,663,500.00
5	Lampu Baret 22 W	5.00	bh	Rp 395,300.00	Rp 1,976,500.00	5 tahun 1x	Rp 9,882,500.00
6	Emergency Lamp 24SMD LED 22 W With Fitting E27	3.00	bh	Rp 111,250.00	Rp 333,750.00	5 tahun 1x	Rp 1,668,750.00
7	Exit lamp 10 W	3.00	bh	Rp 834,450.00	Rp 2,503,350.00	5 tahun 1x	Rp 12,516,750.00
8	LED Strip 5 W/m (Panjang 27000 mm)	2.00	bh	Rp 1,328,850.00	Rp 2,657,700.00	5 tahun 1x	Rp 13,288,500.00
9	Lampu ceiling light Ø 38 cm	2.00	bh	Rp 805,250.00	Rp 1,610,500.00	5 tahun 1x	Rp 8,052,500.00
lantai 3							
1	Lampu TL T5 2 x 14 W (In Bow)	2.00	bh	Rp 749,600.00	Rp 1,499,200.00	5 tahun 1x	Rp 7,496,000.00

Tabel Lanjutan...							
2	penggantian Lampu TL T5 2 x 28 W (In Bow)	36.00	bh	Rp 900,400.00	Rp 32,414,400.00	5 tahun 1x	Rp 162,072,000.00
3	penggantian Lampu DL Ø 4" LED Bubles 5 W	12.00	bh	Rp 234,250.00	Rp 2,811,000.00	5 tahun 1x	Rp 14,055,000.00
4	penggantian Lampu DL Ø 4" LED Bubles 10 W	47.00	bh	Rp 278,150.00	Rp 13,073,050.00	5 tahun 1x	Rp 65,365,250.00
5	penggantian Lampu Baret 22 W	5.00	bh	Rp 395,300.00	Rp 1,976,500.00	5 tahun 1x	Rp 9,882,500.00
6	penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27	3.00	bh	Rp 111,250.00	Rp 333,750.00	5 tahun 1x	Rp 1,668,750.00
7	penggantian Exit lamp 10 W	3.00	bh	Rp 834,450.00	Rp 2,503,350.00	5 tahun 1x	Rp 12,516,750.00
8	penggantian LED Strip 5 W/m (Panjang 78000 mm)	1.00	bh	Rp 3,838,950.00	Rp 3,838,950.00	5 tahun 1x	Rp 19,194,750.00
lantai 4							
1	penggantian Lampu TL T5 2 x 14 W (In Bow)	8.00	bh	Rp 749,600.00	Rp 5,996,800.00	5 tahun 1x	Rp 29,984,000.00
2	penggantian Lampu TL T5 2 x 28 W (In Bow)	16.00	bh	Rp 900,400.00	Rp 14,406,400.00	5 tahun 1x	Rp 72,032,000.00
3	penggantian Lampu DL Ø 4" LED Bubles 5 W	17.00	bh	Rp 234,250.00	Rp 3,982,250.00	5 tahun 1x	Rp 19,911,250.00
4	penggantian Lampu DL Ø 4" LED Bubles 10 W	32.00	bh	Rp 278,150.00	Rp 8,900,800.00	5 tahun 1x	Rp 44,504,000.00

Tabel Lanjutan...							
5	penggantian Lampu Baret 22 W	3.00	bh	Rp 395,300.00	Rp 1,185,900.00	5 tahun 1x	Rp 5,929,500.00
6	penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27	2.00	bh	Rp 111,250.00	Rp 222,500.00	5 tahun 1x	Rp 1,112,500.00
7	penggantian Exit lamp 10 W	2.00	bh	Rp 834,450.00	Rp 1,668,900.00	5 tahun 1x	Rp 8,344,500.00
lantai 5							
1	penggantian Lampu TL T5 2 x 14 W (In Bow)	23.00	bh	Rp 749,600.00	Rp 17,240,800.00	5 tahun 1x	Rp 86,204,000.00
2	penggantian Lampu TL T5 2 x 28 W (In Bow)	8.00	bh	Rp 900,400.00	Rp 7,203,200.00	5 tahun 1x	Rp 36,016,000.00
3	penggantian Lampu DL Ø 4" LED Bubles 5 W	17.00	bh	Rp 234,250.00	Rp 3,982,250.00	5 tahun 1x	Rp 19,911,250.00
4	penggantian Lampu DL Ø 4" LED Bubles 10 W	42.00	bh	Rp 278,150.00	Rp 11,682,300.00	5 tahun 1x	Rp 58,411,500.00
5	penggantian Lampu Baret 22 W	3.00	bh	Rp 395,300.00	Rp 1,185,900.00	5 tahun 1x	Rp 5,929,500.00
6	penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27	2.00	bh	Rp 111,250.00	Rp 222,500.00	5 tahun 1x	Rp 1,112,500.00
7	penggantian Exit lamp 10 W	2.00	bh	Rp 834,450.00	Rp 1,668,900.00	5 tahun 1x	Rp 8,344,500.00

Tabel Lanjutan...							
8	penggantian LED Strip 5 W/m (Panjang 30000 mm)	1.00	bh	Rp 1,476,500.00	Rp 1,476,500.00	5 tahun 1x	Rp 7,382,500.00
LANTAI ATAP Elv. +21.500							
1	penggantian Lampu TL T5 2 x 14 W (Out Bow)	4.00	bh	Rp 749,600.00	Rp 2,998,400.00	5 tahun 1x	Rp 14,992,000.00
2	penggantian Lampu Baret 22 W	1.00	bh	Rp 395,300.00	Rp 395,300.00	5 tahun 1x	Rp 1,976,500.00
B	Stop Kontak						
Lantai 1							
1	Kotak Kontak 500 W	49.00	bh	Rp 84,000.00	Rp 4,116,000.00	8 tahun 1x	Rp 12,348,000.00
2	Kotak Kontak Lantai 500 W	30.00	bh	Rp 118,550.00	Rp 3,556,500.00	8 tahun 1x	Rp 10,669,500.00
lantai 2							
1	Kotak Kontak 500 W	37.00	bh	Rp 84,000.00	Rp 3,108,000.00	8 tahun 1x	Rp 9,324,000.00
2	Kotak Kontak Lantai 500 W	48.00	bh	Rp 118,550.00	Rp 5,690,400.00	8 tahun 1x	Rp 17,071,200.00
Lantai 3							
1	Kotak Kontak 500 W	48.00	bh	Rp 84,000.00	Rp 4,032,000.00	8 tahun 1x	Rp 12,096,000.00

Tabel Lanjutan...							
Lantai 4							
1	Kotak Kontak 500 W	36.00	bh	Rp 84,000.00	Rp 3,024,000.00	8 tahun 1x	Rp 9,072,000.00
lantai 5							
1	Kotak Kontak 500 W	36.00	bh	Rp 84,000.00	Rp 3,024,000.00	8 tahun 1x	Rp 9,072,000.00
LANTAI ATAP Elv. +21.500							
1	Kotak Kontak 500 W	3.00	bh	Rp 84,000.00	Rp 252,000.00	8 tahun 1x	Rp 756,000.00
lantai 1							
1	Outdoor AC 14HP	1.00	unit	Rp 76,382,600.00	Rp 76,382,600.00	15 tahun 1x	Rp 76,382,600.00
2	Indoor Unit 7.000 btu/h Wall Mounted Type	3.00	unit	Rp 12,409,740.00	Rp 37,229,220.00	15 tahun 1x	Rp 37,229,220.00
3	Indoor Unit 9.000 btu/h Wall Mounted Type	1.00	unit	Rp 12,803,700.00	Rp 12,803,700.00	15 tahun 1x	Rp 12,803,700.00
4	Indoor Unit 12.000 btu/h Wall Mounted Type	2.00	unit	Rp 14,445,200.00	Rp 28,890,400.00	15 tahun 1x	Rp 28,890,400.00
5	Indoor Unit 18.000 btu/h Cassette Type	4.00	unit	Rp 15,233,120.00	Rp 60,932,480.00	15 tahun 1x	Rp 60,932,480.00
6	Indoor Unit 30.000 btu/h Cassette Type	2.00	unit	Rp 18,910,080.00	Rp 37,820,160.00	15 tahun 1x	Rp 37,820,160.00

Tabel Lanjutan...							
7	Service AC	13.00	unit	Rp 125,000.00	Rp 1,625,000.00	3 tahun 1x	Rp 13,000,000.00
lantai 2							
1	Outdoor AC 16HP	1.00	unit	Rp 80,322,200.00	Rp 80,322,200.00	15 tahun 1x	Rp 80,322,200.00
2	Indoor Unit 7.000 btu/h Wall Mounted Type	4.00	unit	Rp 12,409,740.00	Rp 49,638,960.00	15 tahun 1x	Rp 49,638,960.00
3	Indoor Unit 9.000 btu/h Wall Mounted Type	1.00	unit	Rp 12,803,700.00	Rp 12,803,700.00	15 tahun 1x	Rp 12,803,700.00
4	Indoor Unit 12.000 btu/h Wall Mounted Type	3.00	unit	Rp 14,445,200.00	Rp 43,335,600.00	15 tahun 1x	Rp 43,335,600.00
5	Indoor Unit 14.000 btu/h Wall Mounted Type	3.00	unit	Rp 14,970,480.00	Rp 44,911,440.00	15 tahun 1x	Rp 44,911,440.00
6	Indoor Unit 18.000 btu/h Wall Mounted Type	4.00	unit	Rp 15,233,120.00	Rp 60,932,480.00	15 tahun 1x	Rp 60,932,480.00
7	Service AC	16.00	unit	Rp 125,000.00	Rp 2,000,000.00	3 tahun 1x	Rp 16,000,000.00
Lantai 3							
1	Outdoor AC 12 HP	1.00	unit	Rp 71,221,724.00	Rp 71,221,724.00	15 tahun 1x	Rp 71,221,724.00
2	Outdoor AC 8 HP	1.00	unit	Rp 44,957,724.00	Rp 44,957,724.00	15 tahun 1x	Rp 44,957,724.00
3	Indoor Unit 12.000 btu/h Wall Mounted Type	5.00	unit	Rp 14,445,200.00	Rp 72,226,000.00	15 tahun 1x	Rp 72,226,000.00
4	Indoor Unit 24.000 btu/h Cassette Type	3.00	unit	Rp 17,925,180.00	Rp 53,775,540.00	15 tahun 1x	Rp 53,775,540.00

Tabel Lanjutan...							
5	Indoor Unit 30.000 btu/h Cassette Type	3.00	unit	Rp 18,910,080.00	Rp 56,730,240.00	15 tahun 1x	Rp 56,730,240.00
6	Service AC	13.00	unit	Rp 125,000.00	Rp 1,625,000.00	3 tahun 1x	Rp 13,000,000.00
lantai 4							
1	Outdoor AC 12 HP	1.00	unit	Rp 71,221,724.00	Rp 71,221,724.00	15 tahun 1x	Rp 71,221,724.00
2	Indoor Unit 12.000 btu/h Wall Mounted Type	4.00	unit	Rp 14,445,200.00	Rp 57,780,800.00	15 tahun 1x	Rp 57,780,800.00
3	Indoor Unit 14.000 btu/h Wall Mounted Type	2.00	unit	Rp 14,970,480.00	Rp 29,940,960.00	15 tahun 1x	Rp 29,940,960.00
4	Indoor Unit 30.000 btu/h Cassette Type	2.00	unit	Rp 18,910,080.00	Rp 37,820,160.00	15 tahun 1x	Rp 37,820,160.00
5	Service AC	22.00	unit	Rp 125,000.00	Rp 2,750,000.00	3 tahun 1x	Rp 22,000,000.00
lantai 5							
1	Outdoor AC 14 HP	1.00	unit	Rp 76,382,600.00	Rp 76,382,600.00	15 tahun 1x	Rp 76,382,600.00
2	Indoor Unit 7.000 btu/h Wall Mounted Type	4.00	unit	Rp 12,409,740.00	Rp 49,638,960.00	15 tahun 1x	Rp 49,638,960.00
3	Indoor Unit 9.000 btu/h Wall Mounted Type	1.00	unit	Rp 12,803,700.00	Rp 12,803,700.00	15 tahun 1x	Rp 12,803,700.00
4	Indoor Unit 14.000 btu/h Wall Mounted Type	3.00	unit	Rp 14,970,480.00	Rp 44,911,440.00	15 tahun 1x	Rp 44,911,440.00
5	Indoor Unit 24.000 btu/h Cassette Type	2.00	unit	Rp 17,925,180.00	Rp 35,850,360.00	15 tahun 1x	Rp 35,850,360.00

Tabel Lanjutan...							
6	Indoor Unit 30.000 btu/h Cassette Type	1.00	unit	Rp 18,910,080.00	Rp 18,910,080.00	15 tahun 1x	Rp 18,910,080.00
7	Service AC	12.00	unit	Rp 125,000.00	Rp 1,500,000.00	3 tahun 1x	Rp 12,000,000.00
F	Prawatan Lift						
1	Service Lift						
2	Lift type PT10/10-19	1.00	unit	Rp 548,554,600.00	Rp 548,554,600.00	30 tahun 1x	-
3	Car Size : 1400 X 1350 X 2300						
4	OP : Center OP : 900 X 2100						
5	TOP TRACTION - GEARLESS						
6	ARD (Automatic Rescue Device)						
7	Testing & Commisining	1.00	unit	Rp 2,000,000.00	Rp 2,000,000.00	9 tahun 1x	Rp 4,000,000.00
G	Pekerjaan Telepon						
	Lantai 1						
1	Service Telephone	18.00		Rp 200,000.00	Rp 3,600,000.00	1 tahun 2x	Rp 90,000,000.00
2	Telephone	18.00	bh	Rp 283,800.00	Rp 5,108,400.00	15 tahun 1x	Rp 5,108,400.00
	Lantai 2						
1	Service Telephone	13.00		Rp 200,000.00	Rp 2,600,000.00	1 tahun 2x	Rp 65,000,000.00

Tabel Lanjutan...							
2	Telephone	13.00	bh	Rp 283,800.00	Rp 3,689,400.00	15 tahun 1x	Rp 3,689,400.00
	Lantai 3						
1	Service Telephone	37.00		Rp 200,000.00	Rp 7,400,000.00	1 tahun 2x	Rp 185,000,000.00
2	Telephone	37.00	bh	Rp 283,800.00	Rp 10,500,600.00	15 tahun 1x	Rp 10,500,600.00
	Lantai 4						
1	Service Telephone	17.00		Rp 200,000.00	Rp 3,400,000.00	1 tahun 2x	Rp 85,000,000.00
2	Telephone	17.00	bh	Rp 283,800.00	Rp 4,824,600.00	15 tahun 1x	Rp 4,824,600.00
	Lantai 1						
B	Sanitasi Air Bekas						
1	Floor drain	8.00	bh	Rp 362,700.00	Rp 500,000.00	10 tahun 1x	Rp 1,000,000.00
2	Urinoir	3.00	bh	Rp 4,888,000.00	Rp 500,000.00	10 tahun 1x	Rp 1,000,000.00
4	Wastafel	5.00	bh	Rp 2,192,900.00	Rp 10,964,500.00	9 tahun 1x	Rp 21,929,000.00
5	Pipa PVC AW Ø 2"	20.00	m'	Rp 43,400.00	Rp 868,000.00	27 tahun 1x	-
6	Pipa PVC AW Ø 3"	32.00	m'	Rp 70,600.00	Rp 2,259,200.00	28 tahun 1x	-
7	Pipa PVC AW Ø 4"	60.00	m'	Rp 106,900.00	Rp 6,414,000.00	29 tahun 1x	-
8	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp	Rp	30 tahun 1x	

				500,000.00	500,000.00		
C	Sanitasi Air Kotor						
1	Kloset jongkok CE9	6.00	bh	Rp 3,545,650.00	Rp 21,273,900.00	10 tahun 1x	Rp 42,547,800.00
2	Kloset duduk	1.00	bh	Rp 3,726,850.00	Rp 3,726,850.00	10 tahun 1x	Rp 7,453,700.00
3	Jetwasher	1.00	unit	Rp 380,750.00	Rp 380,750.00	8 tahun 1x	Rp 1,142,250.00
5	Pipa PVC AW Ø 2"	16.00	m'	Rp 43,400.00	Rp 694,400.00	30 tahun 1x	-
6	Pipa PVC AW Ø 3"	8.00	m'	Rp 70,600.00	Rp 564,800.00	30 tahun 1x	-
7	Pipa PVC AW Ø 4"	60.00	m'	Rp 106,900.00	Rp 6,414,000.00	30 tahun 1x	-
8	Pipa PVC AW Ø 6"	60.00	m'	Rp 228,100.00	Rp 13,686,000.00	30 tahun 1x	-
13	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
D	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	184.80	m'	Rp 70,600.00	Rp 13,046,880.00	30 tahun 1x	-
2	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
LANTAI 2							
A	Sanitasi air bersih						
1	Kran air Ø 1/2" KM/WC	9.00	bh	Rp 274,900.00	Rp 2,474,100.00	3 tahun 1x	Rp 19,792,800.00
2	Kran air Ø 1/2" Wastafel	6.00	bh	Rp 329,900.00	Rp 1,979,400.00	4 tahun 1x	Rp 11,876,400.00
3	Pipa riser PVC AW Ø 1 1/2"	32.00	m'	Rp 37,300.00	Rp 1,193,600.00	30 tahun 1x	-

4	Pipa distribusi PVC AW Ø 1"	28.00	m'	Rp 28,100.00	Rp 786,800.00	30 tahun 1x	-
5	Pipa distribusi PVC AW Ø 3/4"	60.00	m'	Rp 24,650.00	Rp 1,479,000.00	30 tahun 1x	-
6	Pipa distribusi PVC AW Ø 1 1/2"	8.00	m'	Rp 37,300.00	Rp 298,400.00	30 tahun 1x	-
7	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
B	Sanitasi Air Bekas						
1	Floor drain	10.00	bh	Rp 362,700.00	Rp 3,627,000.00	10 tahun 1x	Rp 7,254,000.00
2	Urinoir	2.00	bh	Rp 4,888,000.00	Rp 9,776,000.00	10 tahun 1x	Rp 19,552,000.00
4	Wastafel	6.00	set	Rp 2,192,900.00	Rp 13,157,400.00	9 tahun 1x	Rp 26,314,800.00
6	Pipa PVC AW Ø 2"	9.12	m'	Rp 43,400.00	Rp 395,981.60	30 tahun 1x	-
7	Pipa PVC AW Ø 3"	24.00	m'	Rp 70,600.00	Rp 1,694,400.00	30 tahun 1x	-
8	Pipa riser PVC Ø 4"	8.00	m'	Rp 106,900.00	Rp 855,200.00	30 tahun 1x	-
9	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
C	Sanitasi Air Kotor						
1	Kloset jongkok type CE9	6.00	set	Rp 3,545,650.00	Rp 21,273,900.00	10 tahun 1x	Rp 42,547,800.00
2	Kloset duduk	3.00	set	Rp 3,726,850.00	Rp 11,180,550.00	10 tahun 1x	Rp 22,361,100.00
3	Jetwasher	3.00	unit	Rp 380,750.00	Rp 1,142,250.00	8 tahun 1x	Rp 3,426,750.00
5	Pipa PVC AW Ø 2"	8.00	m'	Rp 43,400.00	Rp 347,200.00	30 tahun 1x	-

6	Pipa PVC AW Ø 4"	24.00	m'	Rp 106,900.00	Rp 2,565,600.00	30 tahun 1x	-
7	Pipa riser PVC AW Ø 6"	8.00	m'	Rp 228,100.00	Rp 1,824,800.00	30 tahun 1x	-
8	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
D	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	98.00	m'	Rp 70,600.00	Rp 6,918,800.00	30 tahun 1x	-
2	Pipa PVC AW Ø 4"	12.00	m'	Rp 107,050.00	Rp 1,284,600.00	30 tahun 1x	-
4	Floordrain air hujan	19.00	bh	Rp 362,700.00	Rp 6,891,300.00	10 tahun 1x	Rp 13,782,600.00
5	Roofdrain air hujan	4.00	bh	Rp 103,400.00	Rp 413,600.00	10 tahun 1x	Rp 827,200.00
LANTAI 3							
A	Sanitasi air bersih						
1	Kran air Ø 1/2" KM/WC	7.00	bh	Rp 274,900.00	Rp 1,924,300.00	3 tahun 1x	Rp 15,394,400.00
2	Kran air Ø 1/2" Wastafel	4.00	bh	Rp 329,900.00	Rp 1,319,600.00	4 tahun 1x	Rp 7,917,600.00
3	Pipa riser PVC AW Ø 1 1/2"	24.00	m'	Rp 37,300.00	Rp 895,200.00	30 tahun 1x	-
4	Pipa distribusi PVC AW Ø 1"	16.00	m'	Rp 28,100.00	Rp 449,600.00	30 tahun 1x	-
5	Pipa distribusi PVC AW Ø 3/4"	20.00	m'	Rp 24,650.00	Rp 493,000.00	30 tahun 1x	-
6	Pipa distribusi PVC AW Ø 1 1/2"	4.00	m'	Rp 37,300.00	Rp 149,200.00	30 tahun 1x	-
7	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
B	Sanitasi Air Bekas						

1	Floor drain	7.00	bh	Rp 362,700.00	Rp 2,538,900.00	10 tahun 1x	Rp 5,077,800.00
4	Wastafel	4.00	bh	Rp 2,192,900.00	Rp 8,771,600.00	9 tahun 1x	Rp 17,543,200.00
6	Pipa PVC AW Ø 2"	8.00	m'	Rp 43,400.00	Rp 347,200.00	30 tahun 1x	-
7	Pipa PVC AW Ø 3"	20.00	m'	Rp 70,600.00	Rp 1,412,000.00	30 tahun 1x	-
8	Pipa PVC AW Ø 4"	16.00	m'	Rp 106,900.00	Rp 1,710,400.00	30 tahun 1x	-
9	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
C	Sanitasi Air Kotor						
1	Kloset jongkok type CE9	5.00	set	Rp 3,545,650.00	Rp 17,728,250.00	10 tahun 1x	Rp 35,456,500.00
3	Pipa PVC AW Ø 2"	4.00	m'	Rp 43,400.00	Rp 173,600.00	30 tahun 1x	-
4	Pipa PVC AW Ø 4"	16.00	m'	Rp 106,900.00	Rp 1,710,400.00	30 tahun 1x	-
6	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
D	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	196.00	m'	Rp 70,600.00	Rp 13,837,600.00	30 tahun 1x	-
3	Floordrain air hujan	19.00	bh	Rp 362,700.00	Rp 6,891,300.00	10 tahun 1x	Rp 13,782,600.00
5	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
LANTAI 4							
A	Sanitasi air bersih						
1	Kran air Ø 1/2" km/wc	8.00	bh	Rp	Rp	3 tahun 1x	Rp

				274,900.00	2,199,200.00		17,593,600.00
2	Kran air Ø 1/2" wastafel	4.00	bh	Rp 329,900.00	Rp 1,319,600.00	4 tahun 1x	Rp 7,917,600.00
4	Pipa distribusi PVC AW Ø 1"	36.00	m'	Rp 28,100.00	Rp 1,011,600.00	30 tahun 1x	-
5	Pipa distribusi PVC AW Ø 3/4"	86.00	m'	Rp 24,650.00	Rp 2,119,900.00	30 tahun 1x	-
6	Pipa distribusi PVC AW Ø 1 1/2"	4.00	m'	Rp 37,300.00	Rp 149,200.00	30 tahun 1x	-
7	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
B	Sanitasi Air Bekas						
1	Floor drain	9.00	bh	Rp 362,700.00	Rp 3,264,300.00	10 tahun 1x	Rp 6,528,600.00
4	Wastafel	4.00	bh	Rp 2,192,900.00	Rp 8,771,600.00	9 tahun 1x	Rp 17,543,200.00
6	Pipa PVC AW Ø 2"	40.00	m'	Rp 43,400.00	Rp 1,736,000.00	30 tahun 1x	-
7	Pipa PVC AW Ø 3"	24.00	m'	Rp 70,600.00	Rp 1,694,400.00	30 tahun 1x	-
8	Pipa PVC AW Ø 4"	24.00	m'	Rp 106,900.00	Rp 2,565,600.00	30 tahun 1x	-
9	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
C	Sanitasi Air Kotor						
1	Kloset jongkok type CE9	8.00	set	Rp 3,545,650.00	Rp 28,365,200.00	10 tahun 1x	Rp 56,730,400.00
3	Pipa PVC AW Ø 2"	8.00	m'	Rp 43,400.00	Rp 347,200.00	30 tahun 1x	-
4	Pipa PVC AW Ø 4"	24.00	m'	Rp 106,900.00	Rp 2,565,600.00	30 tahun 1x	-
5	Pipa riser PVC AW Ø 6"	24.00	m'	Rp	Rp	30 tahun 1x	-

				228,100.00	5,474,400.00		
6	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
D	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	196.00	m'	Rp 70,600.00	Rp 13,837,600.00	30 tahun 1x	-
3	Roofdrain	15.00	bh	Rp 103,150.00	Rp 1,547,250.00	10 tahun 1x	Rp 3,094,500.00
4	Floordrain air hujan	13.00	bh	Rp 362,700.00	Rp 4,715,100.00	10 tahun 1x	Rp 9,430,200.00
6	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
LANTAI 05							
A	Sanitasi air bersih						
1	Kran air Ø 1/2" km/wc	8.00	bh	Rp 274,900.00	Rp 2,199,200.00	3 tahun 1x	Rp 17,593,600.00
2	Kran air Ø 1/2" wastafel	4.00	bh	Rp 329,900.00	Rp 1,319,600.00	4 tahun 1x	Rp 7,917,600.00
3	Pipa riser PVC AW Ø 1 1/2"	16.00	m'	Rp 37,300.00	Rp 596,800.00	30 tahun 1x	-
4	Pipa distribusi PVC AW Ø 1"	18.00	m'	Rp 28,100.00	Rp 505,800.00	30 tahun 1x	-
5	Pipa distribusi PVC AW Ø 3/4"	86.00	m'	Rp 24,650.00	Rp 2,119,900.00	30 tahun 1x	-
6	Pipa distribusi PVC AW Ø 1 1/2"	4.00	m'	Rp 37,300.00	Rp 149,200.00	30 tahun 1x	-
7	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
B	Sanitasi Air Bekas						
1	Floor drain	9.00	bh	Rp 362,700.00	Rp 3,264,300.00	10 tahun 1x	Rp 6,528,600.00

4	Wastafel	4.00	bh	Rp 2,192,900.00	Rp 8,771,600.00	9 tahun 1x	Rp 17,543,200.00
6	Pipa PVC AW Ø 2"	12.00	m'	Rp 43,400.00	Rp 520,800.00	30 tahun 1x	-
7	Pipa PVC AW Ø 3"	24.00	m'	Rp 70,600.00	Rp 1,694,400.00	30 tahun 1x	-
8	Pipa PVC AW Ø 4"	24.00	m'	Rp 106,900.00	Rp 2,565,600.00	30 tahun 1x	-
9	Pipa vent Ø 2"	8.00	m'	Rp 43,600.00	Rp 348,800.00	30 tahun 1x	-
10	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
C	Sanitasi Air Kotor						
1	Kloset jongkok type CE9	8.00	unit	Rp 3,545,650.00	Rp 28,365,200.00	10 tahun 1x	Rp 56,730,400.00
3	Pipa PVC AW Ø 2"	8.00	m'	Rp 43,400.00	Rp 347,200.00	30 tahun 1x	-
4	Pipa PVC AW Ø 4"	24.00	m'	Rp 106,900.00	Rp 2,565,600.00	30 tahun 1x	-
5	Pipa riser PVC AW Ø 6"	24.00	m'	Rp 228,100.00	Rp 5,474,400.00	30 tahun 1x	-
6	Pipa vent Ø 2"	8.00	m'	Rp 43,600.00	Rp 348,800.00	30 tahun 1x	-
7	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
D	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	136.00	m'	Rp 70,600.00	Rp 9,601,600.00	30 tahun 1x	-
3	Floordrain air hujan	13.00	bh	Rp 362,700.00	Rp 4,715,100.00	10 tahun 1x	-
5	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-

LANTAI ATAP +21.45							
E	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	114.00	m'	Rp 70,600.00	Rp 8,048,400.00	30 tahun 1x	-
3	Roofdrain	6.00	bh	Rp 103,150.00	Rp 618,900.00	10 tahun 1x	Rp 1,237,800.00
4	Floordrain air hujan	16.00	bh	Rp 362,900.00	Rp 5,806,400.00	10 tahun 1x	Rp 11,612,800.00
5	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
LANTAI ATAP +22.65							
F	Sanitasi Air Hujan						
1	Pipa PVC AW Ø 3"	132.00	m'	Rp 70,600.00	Rp 9,319,200.00	30 tahun 1x	-
2	Roofdrain	32.00	bh	Rp 103,150.00	Rp 3,300,800.00	10 tahun 1x	Rp 6,601,600.00
4	Aksesoris (fitting, elbow, knee)	1.00	unit	Rp 500,000.00	Rp 500,000.00	30 tahun 1x	-
Pekerjaan Plafond							
lantai 1							
1	Plafond gypsum tebal 9 mm rangka metal furing	809.14	m ²	Rp 99,000.00	Rp 80,105,256.00	15 tahun 1x	Rp 80,105,256.00
2	Plafon kalsiboard t = 6 mm rangka metal furing	5.20	m ²	Rp 102,800.00	Rp 534,560.00	18 tahun 1x	Rp 534,560.00
3	Drop ceiling plafond gypsum t = 9 mm, rangka metal furing	0.72	m ²	Rp 115,600.00	Rp 83,232.00	15 tahun 1x	Rp 83,232.00
lantai 2							

1	Plafond gypsum tebal 9 mm rangka metal furing	852.67	m ²	Rp 99,000.00	Rp 84,414,429.00	15 tahun 1x	Rp 84,414,429.00
2	Drop ceiling plafond gypsum t = 9 mm, rangka metal furing	5.22	m ²	Rp 115,600.00	Rp 603,414.66	15 tahun 1x	Rp 603,414.66
lantai 3							
1	Plafond gypsum tebal 9 mm rangka metal furing	859.81	m ²	Rp 99,000.00	Rp 85,121,190.00	15 tahun 1x	Rp 85,121,190.00
2	Drop ceiling plafond gypsum t = 9 mm, rangka metal furing	18.60	m ²	Rp 115,600.00	Rp 2,150,160.00	15 tahun 1x	Rp 2,150,160.00
lantai 4							
1	Plafond gypsum tebal 9 mm rangka metal furing	564.84	m ²	Rp 99,000.00	Rp 55,919,160.00	15 tahun 1x	Rp 55,919,160.00
lantai 5							
1	Plafond gypsum tebal 9 mm rangka metal furing	568.98	m ²	Rp 99,000.00	Rp 56,328,525.00	15 tahun 1x	Rp 56,328,525.00
2	Drop ceiling plafond gypsum t = 9 mm, rangka metal furing	7.13	m ²	Rp 115,600.00	Rp 823,650.00	15 tahun 1x	Rp 823,650.00
TRITISAN							
N Elv. +22.760							
1	Plafon kalsiboard t = 6 mm rangka metal furing	135.69	m ²	Rp 102,800.00	Rp 13,948,932.00	18 tahun 1x	Rp 13,948,932.00
Pekerjaan Lantai							
lantai 1							
1	Lantai Homogenous Tile 600 x 600 mm	573.97	m ²	Rp 433,000.00	Rp 248,528,577.00	18 tahun 1x	Rp 248,528,577.00
2	Lantai Homogenous Tile 600 x 600 mm area tangga	99.42	m ²	Rp 444,000.00	Rp 44,140,926.00	18 tahun 1x	Rp 44,140,926.00
3	Homogenous Tile Plint 100 x 600 mm	734.35	m'	Rp 54,950.00	Rp 40,352,548.99	18 tahun 1x	Rp 40,352,548.99

4	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)	36.79	m2	Rp 444,000.00	Rp 16,332,540.00	18 tahun 1x	Rp 16,332,540.00
5	Homogenous Tile Dinding 300 x 600 mm	123.34	m2	Rp 418,300.00	Rp 51,592,285.40	18 tahun 1x	Rp 51,592,285.40
7	Lantai Homogenous Tile Border 600 x 600 mm (Warna Gelap)	27.96	m2	Rp 444,000.00	Rp 12,412,020.00	18 tahun 1x	Rp 12,412,020.00
8	Lantai Homogenous Tile 600 x 600 mm (Tekstur)	505.10	m2	Rp 433,000.00	Rp 218,708,841.25	18 tahun 1x	Rp 218,708,841.25
lantai 2							
1	Lantai Homogenous Tile 600 x 600 mm	534.74	m2	Rp 433,000.00	Rp 231,542,853.00	18 tahun 1x	Rp 231,542,853.00
2	Lantai Homogenous Tile 600 x 600 mm area tangga	99.42	m2	Rp 444,000.00	Rp 44,140,926.00	18 tahun 1x	Rp 44,140,926.00
3	Homogenous Tile Plint 100 x 600 mm	503.46	m'	Rp 54,950.00	Rp 27,665,127.00	18 tahun 1x	Rp 27,665,127.00
4	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)	43.70	m2	Rp 444,000.00	Rp 19,401,468.00	18 tahun 1x	Rp 19,401,468.00
5	Homogenous Tile Dinding 300 x 600 mm	245.36	m2	Rp 418,300.00	Rp 102,633,251.40	18 tahun 1x	Rp 102,633,251.40
7	Lantai Homogenous Tile 600 x 600 mm (Tekstur)	242.45	m2	Rp 433,000.00	Rp 104,982,841.80	18 tahun 1x	Rp 104,982,841.80
lantai 3							
1	Lantai Homogenous Tile 600 x 600 mm	509.69	m2	Rp 433,000.00	Rp 220,697,069.00	18 tahun 1x	Rp 220,697,069.00
2	Lantai Homogenous Tile 600 x 600 mm area tangga	99.42	m2	Rp 444,000.00	Rp 44,140,926.00	18 tahun 1x	Rp 44,140,926.00
3	Homogenous Tile Plint 100 x 600 mm	507.01	m'	Rp 54,950.00	Rp 27,860,364.35	18 tahun 1x	Rp 27,860,364.35
4	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)	28.93	m2	Rp 444,000.00	Rp 12,844,920.00	18 tahun 1x	Rp 12,844,920.00
5	Homogenous Tile Dinding 300 x	124.37	m2	Rp	Rp	18 tahun 1x	Rp

	600 mm			418,300.00	52,022,297.80		52,022,297.80
7	Lantai Homogenous Tile 600 x 600 mm (Tekstur)	225.43	m2	Rp 433,000.00	Rp 97,612,489.00	18 tahun 1x	Rp 97,612,489.00
lantai 4							
1	Lantai Homogenous Tile 600 x 600 mm	372.66	m2	Rp 433,000.00	Rp 161,360,914.00	18 tahun 1x	Rp 161,360,914.00
2	Lantai Homogenous Tile 600 x 600 mm area tangga	99.42	m2	Rp 444,000.00	Rp 44,140,926.00	18 tahun 1x	Rp 44,140,926.00
3	Homogenous Tile Plint 100 x 600 mm	414.24	m'	Rp 54,950.00	Rp 22,762,268.20	18 tahun 1x	Rp 22,762,268.20
4	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)	37.25	m2	Rp 444,000.00	Rp 16,538,556.00	18 tahun 1x	Rp 16,538,556.00
5	Homogenous Tile Dinding 300 x 600 mm	184.58	m2	Rp 418,300.00	Rp 77,210,650.60	18 tahun 1x	Rp 77,210,650.60
6	Lantai Homogenous Tile 600 x 600 mm (Tekstur)	151.48	m2	Rp 433,000.00	Rp 65,591,706.00	18 tahun 1x	Rp 65,591,706.00
lantai 5							
1	Lantai Homogenous Tile 600 x 600 mm	373.59	m2	Rp 433,000.00	Rp 161,765,336.00	18 tahun 1x	Rp 161,765,336.00
2	Lantai Homogenous Tile 600 x 600 mm area tangga	8.75	m2	Rp 444,000.00	Rp 3,883,421.58	18 tahun 1x	Rp 3,883,421.58
3	Homogenous Tile Plint 100 x 600 mm	403.92	m'	Rp 54,950.00	Rp 22,195,184.20	18 tahun 1x	Rp 22,195,184.20
4	Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)	37.25	m2	Rp 444,000.00	Rp 16,538,556.00	18 tahun 1x	Rp 16,538,556.00
5	Homogenous Tile Dinding 300 x 600 mm	184.58	m2	Rp 418,300.00	Rp 77,210,650.60	18 tahun 1x	Rp 77,210,650.60
6	Lantai Homogenous Tile 600 x 600 mm (Tekstur)	150.21	m2	Rp 433,000.00	Rp 65,040,497.00	18 tahun 1x	Rp 65,040,497.00
Total Maintenance Cost							Rp 9,295,940,414.14

Lanjutan Tabel Maitenance

Uraian Pekerjaan	1	2	3	4	5	6	7	8	9	10
Penutup atap genteng keramik glatzsur										
Coating Batu alam	Rp 27,385,288 .83	Rp 27,385,288 .83	Rp 27,385,288 .83	Rp 27,385,288 .83	Rp 27,385,288. 83	Rp 27,385,288 .83	Rp 27,385,288 .83	Rp 27,385,288 .83	Rp 27,385,288. 83	Rp 27,385,288. 83
Cat ulang dinding dalam (dinding, kolom)					Rp 25,375,282. 99					Rp 25,375,282. 99
Cat ulang dinding luar (dinding, kolom, balok)					Rp 31,709,716. 15					Rp 31,709,716. 15
Cat ulang plafond					Rp 18,705,718. 80					Rp 18,705,718. 80

Cat ulang compound plat dan compound plat tangga									
Dinding Homogenous Tile Jumplift 300 x 600 mm									
Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap									
Cat ulang dinding dalam (dinding, kolom)					Rp 41,830,594.57				Rp 41,830,594.57
Cat ulang dinding luar (dinding, kolom, balok)					Rp 30,903,008.04				Rp 30,903,008.04
Cat ulang plafond					Rp 19,688,595.01				Rp 19,688,595.01
Cat ulang									

compound plat dan compound plat tangga									
Dinding Homogenou s Tile Jumlift 300 x 600 mm									
Dinding Homogenou s Tile Jumlift 300 x 600 mm warna gelap									
Cat ulang dinding dalam (dinding, kolom)					Rp 47,451,845. 79				Rp 47,451,845. 79
Cat ulang dinding luar (dinding, kolom, balok)					Rp 30,858,012. 79				Rp 30,858,012. 79
Cat ulang plafond					Rp 20,159,509. 50				Rp 20,159,509. 50
Cat ulang compound									

plat dan compound plat tangga									
Dinding Homogenous Tile Jumplift 300 x 600 mm									
Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap									
Cat ulang dinding dalam (dinding, kolom)					Rp 43,200,562.29				Rp 43,200,562.29
Cat ulang dinding luar (dinding, kolom, balok)					Rp 19,092,565.21				Rp 19,092,565.21
Cat ulang plafond					Rp 12,963,078.00				Rp 12,963,078.00
Cat ulang compound plat dan									

compound plat tangga									
Dinding Homogenou s Tile Jumlift 300 x 600 mm									
Dinding Homogenou s Tile Jumlift 300 x 600 mm warna gelap									
Cat ulang dinding dalam (dinding, kolom)					Rp 35,584,037. 41				Rp 35,584,037. 41
Cat ulang dinding luar (dinding, kolom, balok)					Rp 19,650,094. 40				Rp 19,650,094. 40
Cat ulang plafond					Rp 13,057,976. 25				Rp 13,057,976. 25
Cat ulang compound plat dan compound									

plat tangga									
Dinding Homogenous Tile Jumplift 300 x 600 mm									
Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap									
Lampu									
penggantian Lampu TL T5 2 x 14 W (In Bow)					Rp 11,244,000.00				Rp 11,244,000.00
penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 14,406,400.00				Rp 14,406,400.00
penggantian Lampu DL Ø 4" LED Bubs 5 W					Rp 3,513,750.00				Rp 3,513,750.00
penggantian Lampu DL Ø 4" LED					Rp 19,748,650.00				Rp 19,748,650.00

Bubls 10 W									
penggantian Lampu Baret 22 W					Rp 2,371,800.00				Rp 2,371,800.00
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00				Rp 333,750.00
penggantian Exit lamp 10 W					Rp 834,450.00				Rp 834,450.00
penggantian LED Strip 5 W/m (Panjang 36000 mm)					Rp 1,771,800.00				Rp 1,771,800.00
penggantian Lampu ceiling light Ø 38 cm					Rp 1,610,500.00				Rp 1,610,500.00
penggantian Lampu TL T5 2 x 14 W (In Bow)					Rp 4,497,600.00				Rp 4,497,600.00
Lampu TL T5 2 x 28 W (In Bow)					Rp 26,111,600.00				Rp 26,111,600.00
Lampu DL Ø 4" LED					Rp 3,982,250.00				Rp 3,982,250.00

Bubls 5 W					0				0
Lampu DL Ø 4" LED Bubls 10 W					Rp 16,132,700. 00				Rp 16,132,700. 00
Lampu Baret 22 W					Rp 1,976,500.0 0				Rp 1,976,500.0 0
Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00				Rp 333,750.00
Exit lamp 10 W					Rp 2,503,350.0 0				Rp 2,503,350.0 0
LED Strip 5 W/m (Panjang 27000 mm)					Rp 2,657,700.0 0				Rp 2,657,700.0 0
Lampu ceiling light Ø 38 cm					Rp 1,610,500.0 0				Rp 1,610,500.0 0
Lampu TL T5 2 x 14 W (In Bow)					Rp 1,499,200.0 0				Rp 1,499,200.0 0
penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 32,414,400. 00				Rp 32,414,400. 00
penggantian Lampu DL					Rp 2,811,000.0				Rp 2,811,000.0

Ø 4" LED Bubls 5 W					0				0
penggantian Lampu DL Ø 4" LED Bubls 10 W					Rp 13,073,050. 00				Rp 13,073,050. 00
penggantian Lampu Baret 22 W					Rp 1,976,500.0 0				Rp 1,976,500.0 0
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00				Rp 333,750.00
penggantian Exit lamp 10 W					Rp 2,503,350.0 0				Rp 2,503,350.0 0
penggantian LED Strip 5 W/m (Panjang 78000 mm)					Rp 3,838,950.0 0				Rp 3,838,950.0 0
penggantian Lampu TL T5 2 x 14 W (In Bow)					Rp 5,996,800.0 0				Rp 5,996,800.0 0
penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 14,406,400. 00				Rp 14,406,400. 00

penggantian Lampu DL Ø 4" LED Bubls 5 W					Rp 3,982,250.0 0				Rp 3,982,250.0 0
penggantian Lampu DL Ø 4" LED Bubls 10 W					Rp 8,900,800.0 0				Rp 8,900,800.0 0
penggantian Lampu Baret 22 W					Rp 1,185,900.0 0				Rp 1,185,900.0 0
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 222,500.00				Rp 222,500.00
penggantian Exit lamp 10 W					Rp 1,668,900.0 0				Rp 1,668,900.0 0
penggantian Lampu TL T5 2 x 14 W (In Bow)					Rp 17,240,800. 00				Rp 17,240,800. 00
penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 7,203,200.0 0				Rp 7,203,200.0 0
penggantian Lampu DL Ø 4" LED					Rp 3,982,250.0 0				Rp 3,982,250.0 0

Bubls 5 W									
penggantian Lampu DL Ø 4" LED Bubls 10 W					Rp 11,682,300. 00				Rp 11,682,300. 00
penggantian Lampu Baret 22 W					Rp 1,185,900.0 0				Rp 1,185,900.0 0
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 222,500.00				Rp 222,500.00
penggantian Exit lamp 10 W					Rp 1,668,900.0 0				Rp 1,668,900.0 0
penggantian LED Strip 5 W/m (Panjang 30000 mm)					Rp 1,476,500.0 0				Rp 1,476,500.0 0
penggantian Lampu TL T5 2 x 14 W (Out Bow)					Rp 2,998,400.0 0				Rp 2,998,400.0 0
penggantian Lampu Baret 22 W					Rp 395,300.00				Rp 395,300.00

Stop Kontak									
Kotak Kontak 500 W							Rp 4,116,000.00		
Kotak Kontak Lantai 500 W							Rp 3,556,500.00		
Kotak Kontak 500 W							Rp 3,108,000.00		
Kotak Kontak Lantai 500 W							Rp 5,690,400.00		
Kotak Kontak 500 W							Rp 4,032,000.00		
Kotak Kontak 500 W							Rp 3,024,000.00		
Kotak Kontak 500 W							Rp 3,024,000.00		

Kotak Kontak 500 W								Rp 252,000.00		
Outdoor AC 14HP										
Indoor Unit 7.000 btu/h Wall Mounted Type										
Indoor Unit 9.000 btu/h Wall Mounted Type										
Indoor Unit 12.000 btu/h Wall Mounted Type										
Indoor Unit 18.000 btu/h Cassette Type										
Indoor Unit 30.000 btu/h Cassette Type										
Service AC			Rp 1,625,000.			Rp 1,625,000.			Rp 1,625,000.0	

			00			00			0	
Outdoor AC 16HP										
Indoor Unit 7.000 btu/h Wall Mounted Type										
Indoor Unit 9.000 btu/h Wall Mounted Type										
Indoor Unit 12.000 btu/h Wall Mounted Type										
Indoor Unit 14.000 btu/h Wall Mounted Type										
Indoor Unit 18.000 btu/h Wall Mounted Type										
Service AC			Rp 2,000,000. 00			Rp 2,000,000. 00			Rp 2,000,000.0 0	

Outdoor AC 12 HP									
Outdoor AC 8 HP									
Indoor Unit 12.000 btu/h Wall Mounted Type									
Indoor Unit 24.000 btu/h Cassette Type									
Indoor Unit 30.000 btu/h Cassette Type									
Service AC			Rp 1,625,000. 00			Rp 1,625,000. 00		Rp 1,625,000.0 0	
Outdoor AC 12 HP									
Indoor Unit 12.000 btu/h Wall Mounted Type									
Indoor Unit 14.000									

btu/h Wall Mounted Type										
Indoor Unit 30.000 btu/h Cassette Type										
Service AC			Rp 2,750,000.00			Rp 2,750,000.00			Rp 2,750,000.00	
Outdoor AC 14 HP										
Indoor Unit 7.000 btu/h Wall Mounted Type										
Indoor Unit 9.000 btu/h Wall Mounted Type										
Indoor Unit 14.000 btu/h Wall Mounted Type										
Indoor Unit 24.000 btu/h Cassette										

Type										
Indoor Unit 30.000 btu/h Cassette Type										
Service AC			Rp 1,500,000. 00			Rp 1,500,000. 00			Rp 1,500,000.0 0	
Perawatan Lift										
Service Lift										
Lift type PT10/10-19										
Car Size : 1400 X 1350 X 2300										
OP : Center OP : 900 X 2100										
TOP TRACTIO N - GEARLES S										
ARD (Automatic Rescue Device)										
Testing & Commisson ing									Rp 2,000,000.0 0	

Pekerjaan Telepon										
Lantai 1										
Service Telephone	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00
Telephone										
Lantai 2										
Service Telephone	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00
Telephone										
Lantai 3										
Service Telephone	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00
Telephone										
Lantai 4										
Service Telephone	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00
Telephone										
Sanitasi Air Bekas										
Floor drain										Rp 500,000.00
Urinoir										Rp 500,000.00

Wastafel								Rp 10,964,500. 00	
Pipa PVC AW Ø 2"									
Pipa PVC AW Ø 3"									
Pipa PVC AW Ø 4"									
Aksesoris (fitting, elbow, knee)			Rp 500,000.00			Rp 500,000.00		Rp 500,000.00	
Sanitasi Air Kotor									
Kloset jongkok CE9									Rp 21,273,900. 00
Kloset duduk									Rp 3,726,850.0 0
Jetwasher							Rp 380,750.00		
Pipa PVC AW Ø 2"									
Pipa PVC AW Ø 3"									
Pipa PVC AW Ø 4"									
Pipa PVC AW Ø 6"									
Aksesoris (fitting,									

elbow, knee)									
Sanitasi Air Hujan									
Pipa PVC AW Ø 3"									
Aksesoris (fitting, elbow, knee)									
Sanitasi air bersih									
Kran air Ø 1/2" KM/WC			Rp 2,474,100.00			Rp 2,474,100.00		Rp 2,474,100.00	
Kran air Ø 1/2" Wastafel				Rp 1,979,400.00			Rp 1,979,400.00		
Pipa riser PVC AW Ø 1 1/2"									
Pipa distribusi PVC AW Ø 1"									
Pipa distribusi PVC AW Ø 3/4"									
Pipa distribusi PVC AW Ø									

1 1/2"									
Aksesoris (fitting, elbow, knee)									
Sanitasi Air Bekas									
Floor drain									Rp 3,627,000.00
Urinoir									Rp 9,776,000.00
Wastafel								Rp 13,157,400.00	
Pipa PVC AW Ø 2"									
Pipa PVC AW Ø 3"									
Pipa riser PVC Ø 4"									
Aksesoris (fitting, elbow, knee)									
Sanitasi Air Kotor									
Kloset jongkok type CE9									Rp 21,273,900.00
Kloset duduk									Rp 11,180,550.

									00
Jetwasher								Rp 1,142,250. 00	
Pipa PVC AW Ø 2"									
Pipa PVC AW Ø 4"									
Pipa riser PVC AW Ø 6"									
Aksesoris (fitting, elbow, knee)									
Sanitasi Air Hujan									
Pipa PVC AW Ø 3"									
Pipa PVC AW Ø 4"									
Floordrain air hujan									Rp 6,891,300.0 0
Roofdrain air hujan									Rp 413,600.00
Sanitasi air bersih									
Kran air Ø 1/2" KM/WC			Rp 1,924,300. 00			Rp 1,924,300. 00		Rp 1,924,300.0 0	

Kran air Ø 1/2" Wastafel				Rp 1,319,600.00			Rp 1,319,600.00		
Pipa riser PVC AW Ø 1 1/2"									
Pipa distribusi PVC AW Ø 1"									
Pipa distribusi PVC AW Ø 3/4"									
Pipa distribusi PVC AW Ø 1 1/2"									
Aksesoris (fitting, elbow, knee)									
Sanitasi Air Bekas									
Floor drain									Rp 2,538,900.00
Wastafel								Rp 8,771,600.00	
Pipa PVC AW Ø 2"									
Pipa PVC									

AW Ø 3"										
Pipa PVC AW Ø 4"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9										Rp 17,728,250.00
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 4"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Floordrain air hujan										Rp 6,891,300.00
Aksesoris (fitting, elbow, knee)										

Sanitasi air bersih										
Kran air Ø 1/2" km/wc			Rp 2,199,200.00			Rp 2,199,200.00		Rp 2,199,200.00		
Kran air Ø 1/2" wastafel				Rp 1,319,600.00			Rp 1,319,600.00			
Pipa distribusi PVC AW Ø 1"										
Pipa distribusi PVC AW Ø 3/4"										
Pipa distribusi PVC AW Ø 1 1/2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Bekas										
Floor drain									Rp 3,264,300.00	
Wastafel								Rp 8,771,600.00		
Pipa PVC										

AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9										Rp 28,365,200.00
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 4"										
Pipa riser PVC AW Ø 6"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Roofdrain										Rp 1,547,250.00
Floordrain										Rp

air hujan									4,715,100.00
Aksesoris (fitting, elbow, knee)									
Sanitasi air bersih									
Kran air Ø 1/2" km/wc			Rp 2,199,200.00			Rp 2,199,200.00		Rp 2,199,200.00	
Kran air Ø 1/2" wastafel				Rp 1,319,600.00			Rp 1,319,600.00		
Pipa riser PVC AW Ø 1 1/2"									
Pipa distribusi PVC AW Ø 1"									
Pipa distribusi PVC AW Ø 3/4"									
Pipa distribusi PVC AW Ø 1 1/2"									
Aksesoris (fitting, elbow, knee									

)										
Sanitasi Air Bekas										
Floor drain									Rp 3,264,300.00	
Wastafel								Rp 8,771,600.00		
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Pipa vent Ø 2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9									Rp 28,365,200.00	
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 4"										
Pipa riser PVC AW Ø 6"										

Pipa vent Ø 2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Floordrain air hujan										Rp 4,715,100.00
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Roofdrain										Rp 618,900.00
Floordrain air hujan										Rp 5,806,400.00
Aksesoris (fitting, elbow, knee)										

Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Roofdrain										Rp 3,300,800.00
Aksesoris (fitting, elbow, knee)										
Plafond gypsum tebal 9 mm rangka metal furing										
Plafon kalsiboard t = 6 mm rangka metal furing										
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing										
Plafond										

gypsum tebal 9 mm rangka metal furing										
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing										
Plafond gypsum tebal 9 mm rangka metal furing										
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing										
Plafond gypsum tebal 9 mm rangka metal furing										
Plafond										

gypsum tebal 9 mm rangka metal furing										
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing										
Plafon kalsiboard t = 6 mm rangka metal furing										
Lantai Homogenou s Tile 600 x 600 mm										
Lantai Homogenou s Tile 600 x 600 mm area tangga										
Homogenou s Tile Plint 100 x 600 mm										

Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Teksur)									
Homogenous Tile Dinding 300 x 600 mm									
Lantai Homogenous Tile Border 600 x 600 mm (Warna Gelap)									
Lantai Homogenous Tile 600 x 600 mm (Teksur)									
Lantai Homogenous Tile 600 x 600 mm									
Lantai Homogenous Tile 600									

x 600 mm area tangga										
Homogenou s Tile Plint 100 x 600 mm										
Lantai Homogenou s Tile Lantai KM/WC 300 x 300 mm (Tekstur)										
Homogenou s Tile Dinding 300 x 600 mm										
Lantai Homogenou s Tile 600 x 600 mm (Tekstur)										
Lantai Homogenou s Tile 600 x 600 mm										
Lantai Homogenou s Tile 600 x 600 mm										

area tangga										
Homogenous Tile Plint 100 x 600 mm										
Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)										
Homogenous Tile Dinding 300 x 600 mm										
Lantai Homogenous Tile 600 x 600 mm (Tekstur)										
Lantai Homogenous Tile 600 x 600 mm										
Lantai Homogenous Tile 600 x 600 mm area tangga										

Homogenous Tile Plint 100 x 600 mm										
Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)										
Homogenous Tile Dinding 300 x 600 mm										
Lantai Homogenous Tile 600 x 600 mm (Tekstur)										
Lantai Homogenous Tile 600 x 600 mm										
Lantai Homogenous Tile 600 x 600 mm area tangga										
Homogenous										

s Tile Plint 100 x 600 mm										
Lantai Homogenou s Tile Lantai KM/WC 300 x 300 mm (Teksur)										
Homogenou s Tile Dinding 300 x 600 mm										
Lantai Homogenou s Tile 600 x 600 mm (Teksur)										
Uraian Pekerjaan	Rp 44,385,288 .83	Rp 44,385,288 .83	Rp 63,182,088 .83	Rp 50,323,488 .83	Rp 713,126,736 .02	Rp 63,182,088 .83	Rp 44,385,288 .83	Rp 78,649,388 .83	Rp 115,618,788 .83	Rp 903,410,836 .02

Lanjutan Tabel Maitenance

Uraian Pekerjaan	11	12	13	14	15	16	17	18	19	20
Penutup atap										Rp 22,783,576.

genteng keramik glatzsur										97
Coating Batu alam	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83
Cat ulang dinding dalam (dinding, kolom)					Rp 25,375,282.99					Rp 25,375,282.99
Cat ulang dinding luar (dinding, kolom, balok)					Rp 31,709,716.15					Rp 31,709,716.15
Cat ulang plafond					Rp 18,705,718.80					Rp 18,705,718.80
Cat ulang compound plat dan compound plat tangga		Rp 3,544,449.50								
Dinding Homogenous Tile Jumplift 300 x 600 mm										Rp 1,195,501.40

Dinding Homogenus Tile Jumplift 300 x 600 mm warna gelap									Rp 1,280,039.83
Cat ulang dinding dalam (dinding, kolom)					Rp 41,830,594.57				Rp 41,830,594.57
Cat ulang dinding luar (dinding, kolom, balok)					Rp 30,903,008.04				Rp 30,903,008.04
Cat ulang plafond					Rp 19,688,595.01				Rp 19,688,595.01
Cat ulang compound plat dan compound plat tangga		Rp 3,235,458.87							
Dinding Homogenus Tile Jumplift 300 x 600 mm									Rp 1,526,376.70

Dinding Homogenus Tile Jumplift 300 x 600 mm warna gelap									Rp 1,266,612.40
Cat ulang dinding dalam (dinding, kolom)					Rp 47,451,845.79				Rp 47,451,845.79
Cat ulang dinding luar (dinding, kolom, balok)					Rp 30,858,012.79				Rp 30,858,012.79
Cat ulang plafond					Rp 20,159,509.50				Rp 20,159,509.50
Cat ulang compound plat dan compound plat tangga		Rp 2,856,783.87							
Dinding Homogenus Tile Jumplift 300 x 600 mm									Rp 1,526,376.70
Dinding									Rp

Homogenus Tile Jumplift 300 x 600 mm warna gelap										1,266,612.40
Cat ulang dinding dalam (dinding, kolom)					Rp 43,200,562.29					Rp 43,200,562.29
Cat ulang dinding luar (dinding, kolom, balok)					Rp 19,092,565.21					Rp 19,092,565.21
Cat ulang plafond					Rp 12,963,078.00					Rp 12,963,078.00
Cat ulang compound plat dan compound plat tangga		Rp 2,119,937.40								
Dinding Homogenus Tile Jumplift 300 x 600 mm										Rp 1,526,376.70
Dinding Homogeno										Rp 1,266,612.40

us Tile Jumlift 300 x 600 mm warna gelap									0
Cat ulang dinding dalam (dinding, kolom)					Rp 35,584,037.4 1				Rp 35,584,037. 41
Cat ulang dinding luar (dinding, kolom, balok)					Rp 19,650,094.4 0				Rp 19,650,094. 40
Cat ulang plafond					Rp 13,057,976.2 5				Rp 13,057,976. 25
Cat ulang compound plat dan compound plat tangga		Rp 1,741,262. 40							
Dinding Homogeno us Tile Jumlift 300 x 600 mm									Rp 1,526,376.7 0
Dinding Homogeno us Tile									Rp 1,266,612.4 0

Jumplift 300 x 600 mm warna gelap									
Lampu									
penggantia n Lampu TL T5 2 x 14 W (In Bow)					Rp 11,244,000.0 0				Rp 11,244,000. 00
penggantia n Lampu TL T5 2 x 28 W (In Bow)					Rp 14,406,400.0 0				Rp 14,406,400. 00
penggantia n Lampu DL Ø 4" LED Bubles 5 W					Rp 3,513,750.00				Rp 3,513,750.0 0
penggantia n Lampu DL Ø 4" LED Bubles 10 W					Rp 19,748,650.0 0				Rp 19,748,650. 00
penggantia n Lampu Baret 22 W					Rp 2,371,800.00				Rp 2,371,800.0 0
penggantia n					Rp 333,750.00				Rp 333,750.00

Emergency Lamp 24SMD LED 22 W With Fitting E27									
penggantian Exit lamp 10 W					Rp 834,450.00				Rp 834,450.00
penggantian LED Strip 5 W/m (Panjang 36000 mm)					Rp 1,771,800.00				Rp 1,771,800.00
penggantian Lampu ceiling light Ø 38 cm					Rp 1,610,500.00				Rp 1,610,500.00
penggantian Lampu TL T5 2 x 14 W (In Bow)					Rp 4,497,600.00				Rp 4,497,600.00
Lampu TL T5 2 x 28 W (In Bow)					Rp 26,111,600.00				Rp 26,111,600.00
Lampu DL Ø 4" LED Bubls 5 W					Rp 3,982,250.00				Rp 3,982,250.00
Lampu DL Ø 4" LED					Rp 16,132,700.00				Rp 16,132,700.00

Bubls 10 W					0				00
Lampu Baret 22 W					Rp 1,976,500.00				Rp 1,976,500.00
Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00				Rp 333,750.00
Exit lamp 10 W					Rp 2,503,350.00				Rp 2,503,350.00
LED Strip 5 W/m (Panjang 27000 mm)					Rp 2,657,700.00				Rp 2,657,700.00
Lampu ceiling light Ø 38 cm					Rp 1,610,500.00				Rp 1,610,500.00
Lampu TL T5 2 x 14 W (In Bow)					Rp 1,499,200.00				Rp 1,499,200.00
penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 32,414,400.00				Rp 32,414,400.00
penggantian Lampu DL Ø 4" LED Bubls					Rp 2,811,000.00				Rp 2,811,000.00

5 W										
penggantia n Lampu DL Ø 4" LED Bubles 10 W					Rp 13,073,050.0 0					Rp 13,073,050. 00
penggantia n Lampu Baret 22 W					Rp 1,976,500.00					Rp 1,976,500.0 0
penggantia n Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00					Rp 333,750.00
penggantia n Exit lamp 10 W					Rp 2,503,350.00					Rp 2,503,350.0 0
penggantia n LED Strip 5 W/m (Panjang 78000 mm)					Rp 3,838,950.00					Rp 3,838,950.0 0
penggantia n Lampu TL T5 2 x 14 W (In Bow)					Rp 5,996,800.00					Rp 5,996,800.0 0

penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 14,406,400.00					Rp 14,406,400.00
penggantian Lampu DL Ø 4" LED Bubles 5 W					Rp 3,982,250.00					Rp 3,982,250.00
penggantian Lampu DL Ø 4" LED Bubles 10 W					Rp 8,900,800.00					Rp 8,900,800.00
penggantian Lampu Baret 22 W					Rp 1,185,900.00					Rp 1,185,900.00
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 222,500.00					Rp 222,500.00
penggantian Exit lamp 10 W					Rp 1,668,900.00					Rp 1,668,900.00
penggantian Lampu TL T5 2 x					Rp 17,240,800.00					Rp 17,240,800.00

14 W (In Bow)									
penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 7,203,200.00				Rp 7,203,200.00
penggantian Lampu DL Ø 4" LED Bubles 5 W					Rp 3,982,250.00				Rp 3,982,250.00
penggantian Lampu DL Ø 4" LED Bubles 10 W					Rp 11,682,300.00				Rp 11,682,300.00
penggantian Lampu Baret 22 W					Rp 1,185,900.00				Rp 1,185,900.00
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 222,500.00				Rp 222,500.00
penggantian Exit lamp 10 W					Rp 1,668,900.00				Rp 1,668,900.00
penggantian LED Strip 5					Rp 1,476,500.00				Rp 1,476,500.00

W/m (Panjang 30000 mm)									
penggantia n Lampu TL T5 2 x 14 W (Out Bow)					Rp 2,998,400.00				Rp 2,998,400.0 0
penggantia n Lampu Baret 22 W					Rp 395,300.00				Rp 395,300.00
Stop Kontak									
Kotak Kontak 500 W						Rp 4,116,000. 00			
Kotak Kontak Lantai 500 W						Rp 3,556,500. 00			
Kotak Kontak 500 W						Rp 3,108,000. 00			
Kotak Kontak Lantai 500 W						Rp 5,690,400. 00			
Kotak						Rp			

Kontak 500 W					4,032,000.00				
Kotak Kontak 500 W					Rp 3,024,000.00				
Kotak Kontak 500 W					Rp 3,024,000.00				
Kotak Kontak 500 W					Rp 252,000.00				
Outdoor AC 14HP					Rp 76,382,600.00				
Indoor Unit 7.000 btu/h Wall Mounted Type					Rp 37,229,220.00				
Indoor Unit 9.000 btu/h Wall Mounted Type					Rp 12,803,700.00				
Indoor Unit 12.000 btu/h Wall Mounted					Rp 28,890,400.00				

Type										
Indoor Unit 18.000 btu/h Cassette Type					Rp 60,932,480.0 0					
Indoor Unit 30.000 btu/h Cassette Type					Rp 37,820,160.0 0					
Service AC		Rp 1,625,000. 00			Rp 1,625,000.00			Rp 1,625,000.00		
Outdoor AC 16HP					Rp 80,322,200.0 0					
Indoor Unit 7.000 btu/h Wall Mounted Type					Rp 49,638,960.0 0					
Indoor Unit 9.000 btu/h Wall Mounted Type					Rp 12,803,700.0 0					
Indoor Unit 12.000 btu/h Wall Mounted Type					Rp 43,335,600.0 0					

Indoor Unit 14.000 btu/h Wall Mounted Type					Rp 44,911,440.0 0					
Indoor Unit 18.000 btu/h Wall Mounted Type					Rp 60,932,480.0 0					
Service AC		Rp 2,000,000. 00			Rp 2,000,000.00			Rp 2,000,000.00		
Outdoor AC 12 HP					Rp 71,221,724.0 0					
Outdoor AC 8 HP					Rp 44,957,724.0 0					
Indoor Unit 12.000 btu/h Wall Mounted Type					Rp 72,226,000.0 0					
Indoor Unit 24.000 btu/h Cassette Type					Rp 53,775,540.0 0					
Indoor Unit 30.000 btu/h					Rp 56,730,240.0 0					

Cassette Type									
Service AC		Rp 1,625,000.00			Rp 1,625,000.00			Rp 1,625,000.00	
Outdoor AC 12 HP					Rp 71,221,724.00				
Indoor Unit 12.000 btu/h Wall Mounted Type					Rp 57,780,800.00				
Indoor Unit 14.000 btu/h Wall Mounted Type					Rp 29,940,960.00				
Indoor Unit 30.000 btu/h Cassette Type					Rp 37,820,160.00				
Service AC		Rp 2,750,000.00			Rp 2,750,000.00			Rp 2,750,000.00	
Outdoor AC 14 HP					Rp 76,382,600.00				
Indoor Unit 7.000 btu/h					Rp 49,638,960.00				

Wall Mounted Type					0					
Indoor Unit 9.000 btu/h Wall Mounted Type					Rp 12,803,700.00					
Indoor Unit 14.000 btu/h Wall Mounted Type					Rp 44,911,440.00					
Indoor Unit 24.000 btu/h Cassette Type					Rp 35,850,360.00					
Indoor Unit 30.000 btu/h Cassette Type					Rp 18,910,080.00					
Service AC		Rp 1,500,000.00			Rp 1,500,000.00			Rp 1,500,000.00		
Perawatan Lift										
Service Lift										
Lift type PT10/10-19										
Car Size : 1400 X										

1350 X 2300										
OP : Center OP : 900 X 2100										
TOP TRACTIO N - GEARLES S										
ARD (Automatic Rescue Device)										
Testing & Commisson ing								Rp 2,000,000.00		
Pekerjaan Telepon										
Lantai 1										
Service Telephone	Rp 3,600,000. 00	Rp 3,600,000. 00	Rp 3,600,000. 00	Rp 3,600,000. 00	Rp 3,600,000.00	Rp 3,600,000. 00	Rp 3,600,000. 00	Rp 3,600,000.00	Rp 3,600,000. 00	Rp 3,600,000.0 0
Telephone					Rp 5,108,400.00					
Lantai 2										
Service Telephone	Rp 2,600,000. 00	Rp 2,600,000. 00	Rp 2,600,000. 00	Rp 2,600,000. 00	Rp 2,600,000.00	Rp 2,600,000. 00	Rp 2,600,000. 00	Rp 2,600,000.00	Rp 2,600,000. 00	Rp 2,600,000.0 0
Telephone					Rp 3,689,400.00					
Lantai 3										

Service Telephone	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00
Telephone					Rp 10,500,600.00					
Lantai 4										
Service Telephone	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00
Telephone					Rp 4,824,600.00					
Sanitasi Air Bekas										
Floor drain										Rp 500,000.00
Urinoir										Rp 500,000.00
Wastafel								Rp 10,964,500.00		
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Aksesoris (fitting, elbow, knee)		Rp 500,000.00			Rp 500,000.00			Rp 500,000.00		

Sanitasi Air Kotor										
Kloset jongkok CE9										Rp 21,273,900.00
Kloset duduk										Rp 3,726,850.00
Jetwasher						Rp 380,750.00				
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Pipa PVC AW Ø 6"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Aksesoris (fitting, elbow, knee)										
Sanitasi air bersih										

Kran air Ø 1/2" KM/WC		Rp 2,474,100. 00			Rp 2,474,100.00			Rp 2,474,100.00		
Kran air Ø 1/2" Wastafel		Rp 1,979,400. 00				Rp 1,979,400. 00			Rp 1,979,400.0 0	
Pipa riser PVC AW Ø 1 1/2"										
Pipa distribusi PVC AW Ø 1"										
Pipa distribusi PVC AW Ø 3/4"										
Pipa distribusi PVC AW Ø 1 1/2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Bekas										
Floor drain										Rp 3,627,000.0 0
Urinoir										Rp 9,776,000.0 0

Wastafel								Rp 13,157,400.00		
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa riser PVC Ø 4"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9										Rp 21,273,900.00
Kloset duduk										Rp 11,180,550.00
Jetwasher							Rp 1,142,250.00			
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 4"										
Pipa riser PVC AW Ø 6"										
Aksesoris (fitting,										

elbow, knee)									
Sanitasi Air Hujan									
Pipa PVC AW Ø 3"									
Pipa PVC AW Ø 4"									
Floordrain air hujan									Rp 6,891,300.00
Roofdrain air hujan									Rp 413,600.00
Sanitasi air bersih									
Kran air Ø 1/2" KM/WC		Rp 1,924,300.00			Rp 1,924,300.00			Rp 1,924,300.00	
Kran air Ø 1/2" Wastafel		Rp 1,319,600.00				Rp 1,319,600.00			Rp 1,319,600.00
Pipa riser PVC AW Ø 1 1/2"									
Pipa distribusi PVC AW Ø 1"									
Pipa distribusi PVC AW Ø 3/4"									

Pipa distribusi PVC AW Ø 1 1/2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Bekas										
Floor drain										Rp 2,538,900.00
Wastafel							Rp 8,771,600.00			
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9										Rp 17,728,250.00
Pipa PVC AW Ø 2"										
Pipa PVC										

AW Ø 4"									
Aksesoris (fitting, elbow, knee)									
Sanitasi Air Hujan									
Pipa PVC AW Ø 3"									
Floordrain air hujan									Rp 6,891,300.00
Aksesoris (fitting, elbow, knee)									
Sanitasi air bersih									
Kran air Ø 1/2" km/wc		Rp 2,199,200.00			Rp 2,199,200.00			Rp 2,199,200.00	
Kran air Ø 1/2" wastafel		Rp 1,319,600.00				Rp 1,319,600.00			Rp 1,319,600.00
Pipa distribusi PVC AW Ø 1"									
Pipa distribusi PVC AW Ø 3/4"									

Pipa distribusi PVC AW Ø 1 1/2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Bekas										
Floor drain										Rp 3,264,300.00
Wastafel							Rp 8,771,600.00			
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9										Rp 28,365,200.00
Pipa PVC AW Ø 2"										
Pipa PVC										

AW Ø 4"										
Pipa riser PVC AW Ø 6"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Roofdrain										Rp 1,547,250.00
Floordrain air hujan										Rp 4,715,100.00
Aksesoris (fitting, elbow, knee)										
Sanitasi air bersih										
Kran air Ø 1/2" km/wc		Rp 2,199,200.00			Rp 2,199,200.00			Rp 2,199,200.00		
Kran air Ø 1/2" wastafel		Rp 1,319,600.00				Rp 1,319,600.00				Rp 1,319,600.00
Pipa riser PVC AW Ø										

1 1/2"										
Pipa distribusi PVC AW Ø 1"										
Pipa distribusi PVC AW Ø 3/4"										
Pipa distribusi PVC AW Ø 1 1/2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Bekas										
Floor drain										Rp 3,264,300.00
Wastafel							Rp 8,771,600.00			
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 3"										
Pipa PVC AW Ø 4"										
Pipa vent Ø 2"										
Aksesoris (										

fitting, elbow, knee)										
Sanitasi Air Kotor										
Kloset jongkok type CE9										Rp 28,365,200. 00
Pipa PVC AW Ø 2"										
Pipa PVC AW Ø 4"										
Pipa riser PVC AW Ø 6"										
Pipa vent Ø 2"										
Aksesoris (fitting, elbow, knee)										
Sanitasi Air Hujan										
Pipa PVC AW Ø 3"										
Floordrain air hujan										Rp 4,715,100.0 0
Aksesoris (fitting, elbow, knee)										

Sanitasi Air Hujan									
Pipa PVC AW Ø 3"									
Roofdrain								Rp 618,900.00	
Floordrain air hujan								Rp 5,806,400.00	
Aksesoris (fitting, elbow, knee)									
Sanitasi Air Hujan									
Pipa PVC AW Ø 3"									
Roofdrain								Rp 3,300,800.00	
Aksesoris (fitting, elbow, knee)									
Plafond gypsum tebal 9 mm rangka metal					Rp 80,105,256.00				

furing										
Plafon kalsiboard t = 6 mm rangka metal furing							Rp 534,560.00			
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing					Rp 83,232.00					
Plafond gypsum tebal 9 mm rangka metal furing					Rp 84,414,429.0 0					
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing					Rp 603,414.66					
Plafond gypsum					Rp 85,121,190.0					

tebal 9 mm rangka metal furing					0				
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing					Rp 2,150,160.00				
Plafond gypsum tebal 9 mm rangka metal furing					Rp 55,919,160.0 0				
Plafond gypsum tebal 9 mm rangka metal furing					Rp 56,328,525.0 0				
Drop ceiling plafond gypsum t = 9 mm, rangka metal					Rp 823,650.00				

furing									
Plafon kalsiboard t = 6 mm rangka metal furing								Rp 13,948,932.0 0	
Lantai Homogeno us Tile 600 x 600 mm								Rp 248,528,577. 00	
Lantai Homogeno us Tile 600 x 600 mm area tangga								Rp 44,140,926.0 0	
Homogeno us Tile Plint 100 x 600 mm								Rp 40,352,548.9 9	
Lantai Homogeno us Tile Lantai KM/WC 300 x 300 mm (Teksur)								Rp 16,332,540.0 0	
Homogeno								Rp	

us Tile Dinding 300 x 600 mm								51,592,285.4 0		
Lantai Homogeno us Tile Border 600 x 600 mm (Warna Gelap)								Rp 12,412,020.0 0		
Lantai Homogeno us Tile 600 x 600 mm (Tekstur)								Rp 218,708,841. 25		
Lantai Homogeno us Tile 600 x 600 mm								Rp 231,542,853. 00		
Lantai Homogeno us Tile 600 x 600 mm area tangga								Rp 44,140,926.0 0		
Homogeno us Tile Plint 100 x 600 mm								Rp 27,665,127.0 0		
Lantai Homogeno us Tile								Rp 19,401,468.0 0		

Lantai KM/WC 300 x 300 mm (Teksur)									
Homogeno us Tile Dinding 300 x 600 mm							Rp 102,633,251. 40		
Lantai Homogeno us Tile 600 x 600 mm (Teksur)							Rp 104,982,841. 80		
Lantai Homogeno us Tile 600 x 600 mm							Rp 220,697,069. 00		
Lantai Homogeno us Tile 600 x 600 mm area tangga							Rp 44,140,926.0 0		
Homogeno us Tile Plint 100 x 600 mm							Rp 27,860,364.3 5		
Lantai Homogeno us Tile Lantai							Rp 12,844,920.0 0		

KM/WC 300 x 300 mm (Teksur)									
Homogeno us Tile Dinding 300 x 600 mm							Rp 52,022,297.8 0		
Lantai Homogeno us Tile 600 x 600 mm (Teksur)							Rp 97,612,489.0 0		
Lantai Homogeno us Tile 600 x 600 mm							Rp 161,360,914. 00		
Lantai Homogeno us Tile 600 x 600 mm area tangga							Rp 44,140,926.0 0		
Homogeno us Tile Plint 100 x 600 mm							Rp 22,762,268.2 0		
Lantai Homogeno us Tile Lantai KM/WC							Rp 16,538,556.0 0		

300 x 300 mm (Teksur)									
Homogenous Tile Dinding 300 x 600 mm							Rp 77,210,650.60		
Lantai Homogenous Tile 600 x 600 mm (Teksur)							Rp 65,591,706.00		
Lantai Homogenous Tile 600 x 600 mm							Rp 161,765,336.00		
Lantai Homogenous Tile 600 x 600 mm area tangga							Rp 3,883,421.58		
Homogenous Tile Plint 100 x 600 mm							Rp 22,195,184.20		
Lantai Homogenous Tile Lantai KM/WC 300 x 300							Rp 16,538,556.00		

mm (Tekstur)										
Homogenus Tile Dinding 300 x 600 mm								Rp 77,210,650.60		
Lantai Homogenus Tile 600 x 600 mm (Tekstur)								Rp 65,040,497.00		
Uraian Pekerjaan	Rp 44,385,288.83	Rp 82,618,180.87	Rp 44,385,288.83	Rp 44,385,288.83	Rp 2,401,770,504.68	Rp 78,649,388.83	Rp 44,385,288.83	Rp 2,481,953,218.99	Rp 44,385,288.83	Rp 945,780,110.62

Lanjutan Tabel Maintenance

Uraian Pekerjaan	21	22	23	24	25
Penutup atap genteng keramik glazsur					
Coating Batu alam	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83	Rp 27,385,288.83

Cat ulang dinding dalam (dinding, kolom)					Rp 25,375,282.99
Cat ulang dinding luar (dinding, kolom, balok)					Rp 31,709,716.15
Cat ulang plafond					Rp 18,705,718.80
Cat ulang compound plat dan compound plat tangga				Rp 3,544,449.50	
Dinding Homogenous Tile Jumplift 300 x 600 mm					
Dinding Homogenous Tile Jumplift 300 x 600 mm warna gelap					

Cat ulang dinding dalam (dinding, kolom)					Rp 41,830,594.57
Cat ulang dinding luar (dinding, kolom, balok)					Rp 30,903,008.04
Tabel Lanjutan...					
Cat ulang plafond					Rp 19,688,595.01
Cat ulang compound plat dan compound plat tangga				Rp 3,235,458.87	
Dinding Homogenus Tile Jumlift 300 x 600 mm					
Dinding Homogenus Tile Jumlift 300 x 600 mm warna					

gelap					
Cat ulang dinding dalam (dinding, kolom)					Rp 47,451,845.79
Tabel Lanjutan...					
Cat ulang dinding luar (dinding, kolom, balok)					Rp 30,858,012.79
Cat ulang plafond					Rp 20,159,509.50
Cat ulang compound plat dan compound plat tangga				Rp 2,856,783.87	
Dinding Homogenous Tile Jumplift 300 x 600 mm					
Dinding Homogenous					

us Tile Jumlift 300 x 600 mm warna gelap					
Cat ulang dinding dalam (dinding, kolom)					Rp 43,200,562.2 9
Cat ulang dinding luar (dinding, kolom, balok)					Rp 19,092,565.2 1
Cat ulang plafond					Rp 12,963,078.0 0
Cat ulang compound plat dan compound plat tangga				Rp 2,119,937.4 0	
Dinding Homogeno us Tile Jumlift 300 x 600 mm					
Dinding Homogeno					

us Tile Jumlift 300 x 600 mm warna gelap					
Cat ulang dinding dalam (dinding, kolom)					Rp 35,584,037.4 1
Cat ulang dinding luar (dinding, kolom, balok)					Rp 19,650,094.4 0
Cat ulang plafond					Rp 13,057,976.2 5
Cat ulang compound plat dan compound plat tangga				Rp 1,741,262.4 0	
Dinding Homogeno us Tile Jumlift 300 x 600 mm					
Dinding Homogeno					

us Tile Jumplift 300 x 600 mm warna gelap					
Lampu					
penggantia n Lampu TL T5 2 x 14 W (In Bow)					Rp 11,244,000.0 0
penggantia n Lampu TL T5 2 x 28 W (In Bow)					Rp 14,406,400.0 0
penggantia n Lampu DL Ø 4" LED Bubles 5 W					Rp 3,513,750.00
penggantia n Lampu DL Ø 4" LED Bubles 10 W					Rp 19,748,650.0 0
penggantia n Lampu Baret 22 W					Rp 2,371,800.00
penggantia					Rp

n Emergency Lamp 24SMD LED 22 W With Fitting E27					333,750.00
penggantian n Exit lamp 10 W					Rp 834,450.00
penggantian n LED Strip 5 W/m (Panjang 36000 mm)					Rp 1,771,800.00
penggantian n Lampu ceiling light Ø 38 cm					Rp 1,610,500.00
penggantian n Lampu TL T5 2 x 14 W (In Bow)					Rp 4,497,600.00
Lampu TL T5 2 x 28 W (In Bow)					Rp 26,111,600.00
Lampu DL Ø 4" LED Bubls 5 W					Rp 3,982,250.00
Lampu DL					Rp

Ø 4" LED Bubls 10 W					16,132,700.00
Lampu Baret 22 W					Rp 1,976,500.00
Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00
Exit lamp 10 W					Rp 2,503,350.00
LED Strip 5 W/m (Panjang 27000 mm)					Rp 2,657,700.00
Lampu ceiling light Ø 38 cm					Rp 1,610,500.00
Lampu TL T5 2 x 14 W (In Bow)					Rp 1,499,200.00
penggantia n Lampu TL T5 2 x 28 W (In Bow)					Rp 32,414,400.00
penggantia n Lampu DL Ø 4" LED Bubls 5 W					Rp 2,811,000.00

penggantian Lampu DL Ø 4" LED Bubls 10 W					Rp 13,073,050.00
penggantian Lampu Baret 22 W					Rp 1,976,500.00
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 333,750.00
penggantian Exit lamp 10 W					Rp 2,503,350.00
penggantian LED Strip 5 W/m (Panjang 78000 mm)					Rp 3,838,950.00
penggantian Lampu TL T5 2 x 14 W (In Bow)					Rp 5,996,800.00
penggantian Lampu					Rp 14,406,400.00

TL T5 2 x 28 W (In Bow)					0
penggantia n Lampu DL Ø 4" LED Bubl 5 W					Rp 3,982,250.00
penggantia n Lampu DL Ø 4" LED Bubl 10 W					Rp 8,900,800.00
penggantia n Lampu Baret 22 W					Rp 1,185,900.00
penggantia n Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 222,500.00
penggantia n Exit lamp 10 W					Rp 1,668,900.00
penggantia n Lampu TL T5 2 x 14 W (In Bow)					Rp 17,240,800.00

penggantian Lampu TL T5 2 x 28 W (In Bow)					Rp 7,203,200.00
penggantian Lampu DL Ø 4" LED Bubls 5 W					Rp 3,982,250.00
penggantian Lampu DL Ø 4" LED Bubls 10 W					Rp 11,682,300.00
penggantian Lampu Baret 22 W					Rp 1,185,900.00
penggantian Emergency Lamp 24SMD LED 22 W With Fitting E27					Rp 222,500.00
penggantian Exit lamp 10 W					Rp 1,668,900.00
penggantian LED Strip 5 W/m (Panjang					Rp 1,476,500.00

30000 mm)					
penggantian Lampu TL T5 2 x 14 W (Out Bow)					Rp 2,998,400.00
penggantian Lampu Baret 22 W					Rp 395,300.00
Stop Kontak					
Kotak Kontak 500 W				Rp 4,116,000.00	
Kotak Kontak Lantai 500 W				Rp 3,556,500.00	
Kotak Kontak 500 W				Rp 3,108,000.00	
Kotak Kontak Lantai 500 W				Rp 5,690,400.00	
Kotak Kontak 500 W				Rp 4,032,000.00	

Kotak Kontak 500 W				Rp 3,024,000.0 0	
Kotak Kontak 500 W				Rp 3,024,000.0 0	
Kotak Kontak 500 W				Rp 252,000.00	
Outdoor AC 14HP					
Indoor Unit 7.000 btu/h Wall Mounted Type					
Indoor Unit 9.000 btu/h Wall Mounted Type					
Indoor Unit 12.000 btu/h Wall Mounted Type					
Indoor Unit 18.000					

btu/h Cassette Type					
Indoor Unit 30.000 btu/h Cassette Type					
Service AC	Rp 1,625,000. 00			Rp 1,625,000.0 0	
Outdoor AC 16HP					
Indoor Unit 7.000 btu/h Wall Mounted Type					
Indoor Unit 9.000 btu/h Wall Mounted Type					
Indoor Unit 12.000 btu/h Wall Mounted Type					
Indoor Unit 14.000 btu/h Wall Mounted					

Type					
Indoor Unit 18.000 btu/h Wall Mounted Type					
Service AC	Rp 2,000,000. 00			Rp 2,000,000.0 0	
Outdoor AC 12 HP					
Outdoor AC 8 HP					
Indoor Unit 12.000 btu/h Wall Mounted Type					
Indoor Unit 24.000 btu/h Cassette Type					
Indoor Unit 30.000 btu/h Cassette Type					
Service AC	Rp 1,625,000. 00			Rp 1,625,000.0 0	

Outdoor AC 12 HP					
Indoor Unit 12.000 btu/h Wall Mounted Type					
Indoor Unit 14.000 btu/h Wall Mounted Type					
Indoor Unit 30.000 btu/h Cassette Type					
Service AC	Rp 2,750,000. 00			Rp 2,750,000.0 0	
Outdoor AC 14 HP					
Indoor Unit 7.000 btu/h Wall Mounted Type					
Indoor Unit 9.000 btu/h Wall Mounted					

Type					
Indoor Unit 14.000 btu/h Wall Mounted Type					
Indoor Unit 24.000 btu/h Cassette Type					
Indoor Unit 30.000 btu/h Cassette Type					
Service AC	Rp 1,500,000. 00			Rp 1,500,000.0 0	
Perawatan Lift					
Service Lift					
Lift type PT10/10-19					
Car Size : 1400 X 1350 X 2300					
OP : Center OP : 900 X 2100					
TOP TRACTIO					

N - GEARLES S					
ARD (Automatic Rescue Device)					
Testing & Commissioning					
Pekerjaan Telepon					
Lantai 1					
Service Telephone	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00	Rp 3,600,000.00
Telephone					
Lantai 2					
Service Telephone	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00	Rp 2,600,000.00
Telephone					
Lantai 3					
Service Telephone	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00	Rp 7,400,000.00
Telephone					
Lantai 4					
Service Telephone	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00	Rp 3,400,000.00

Telephone					
Sanitasi Air Bekas					
Floor drain					
Urinoir					
Wastafel					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 3"					
Pipa PVC AW Ø 4"					
Aksesoris (fitting, elbow, knee)	Rp 500,000.00			Rp 500,000.00	
Sanitasi Air Kotor					
Kloset jongkok CE9					
Kloset duduk					
Jetwasher				Rp 380,750.00	
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 3"					
Pipa PVC					

AW Ø 4"					
Pipa PVC AW Ø 6"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					
Pipa PVC AW Ø 3"					
Aksesoris (fitting, elbow, knee)					
Sanitasi air bersih					
Kran air Ø 1/2" KM/WC	Rp 2,474,100.00			Rp 2,474,100.00	
Kran air Ø 1/2" Wastafel				Rp 1,979,400.00	
Pipa riser PVC AW Ø 1 1/2"					
Pipa distribusi PVC AW Ø 1"					
Pipa distribusi					

PVC AW Ø 3/4"					
Pipa distribusi PVC AW Ø 1 1/2"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Bekas					
Floor drain					
Urinoir					
Wastafel					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 3"					
Pipa riser PVC Ø 4"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Kotor					
Kloset jongkok type CE9					
Kloset duduk					

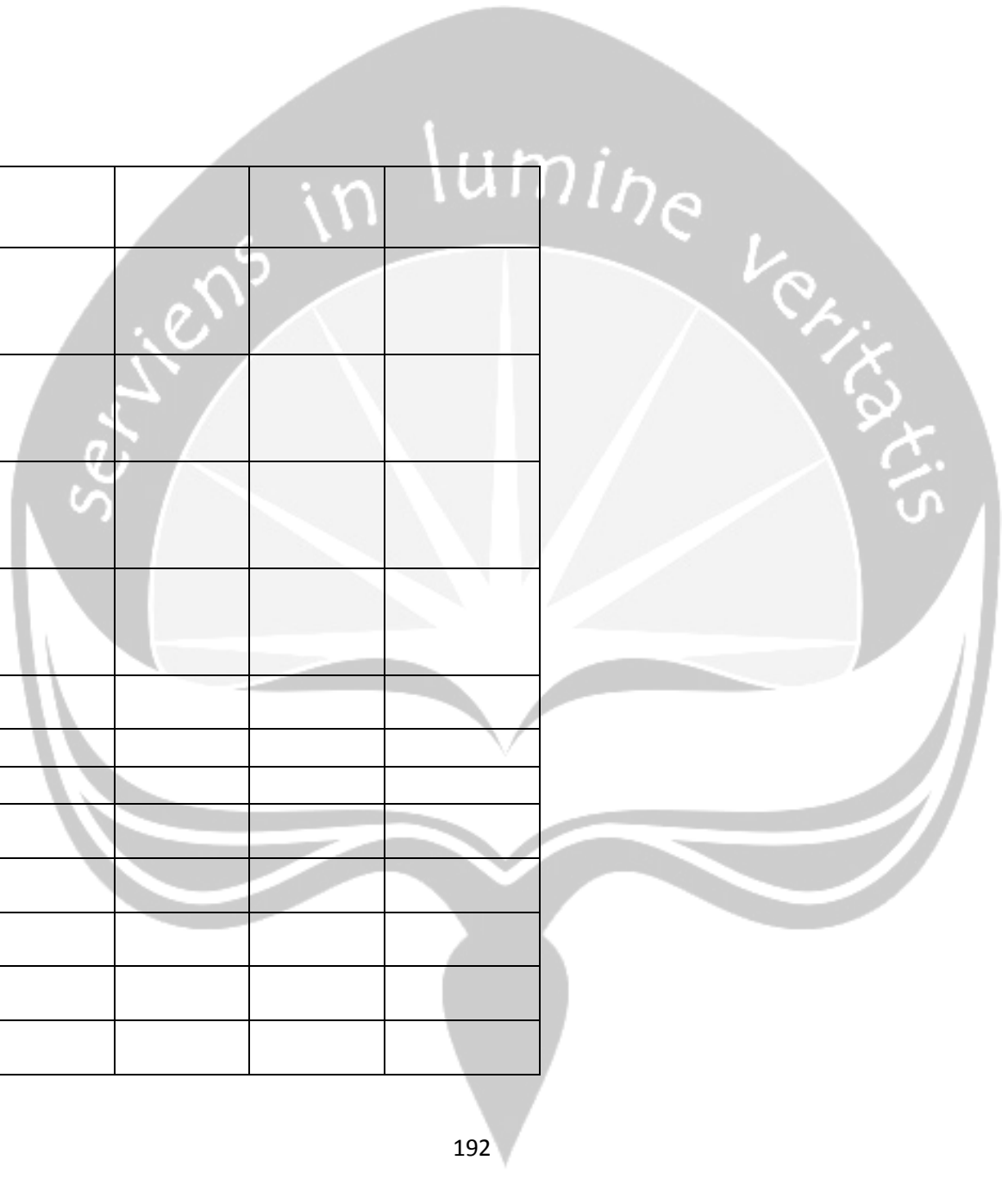
Jetwasher				Rp 1,142,250.00	
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 4"					
Pipa riser PVC AW Ø 6"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					
Pipa PVC AW Ø 3"					
Pipa PVC AW Ø 4"					
Floordrain air hujan					
Roofdrain air hujan					
Sanitasi air bersih					
Kran air Ø 1/2" KM/WC	Rp 1,924,300.00			Rp 1,924,300.00	
Kran air Ø 1/2" Wastafel				Rp 1,319,600.00	

Pipa riser PVC AW Ø 1 1/2"					
Pipa distribusi PVC AW Ø 1"					
Pipa distribusi PVC AW Ø 3/4"					
Pipa distribusi PVC AW Ø 1 1/2"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Bekas					
Floor drain					
Wastafel					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 3"					
Pipa PVC AW Ø 4"					
Aksesoris (fitting, elbow, knee)					

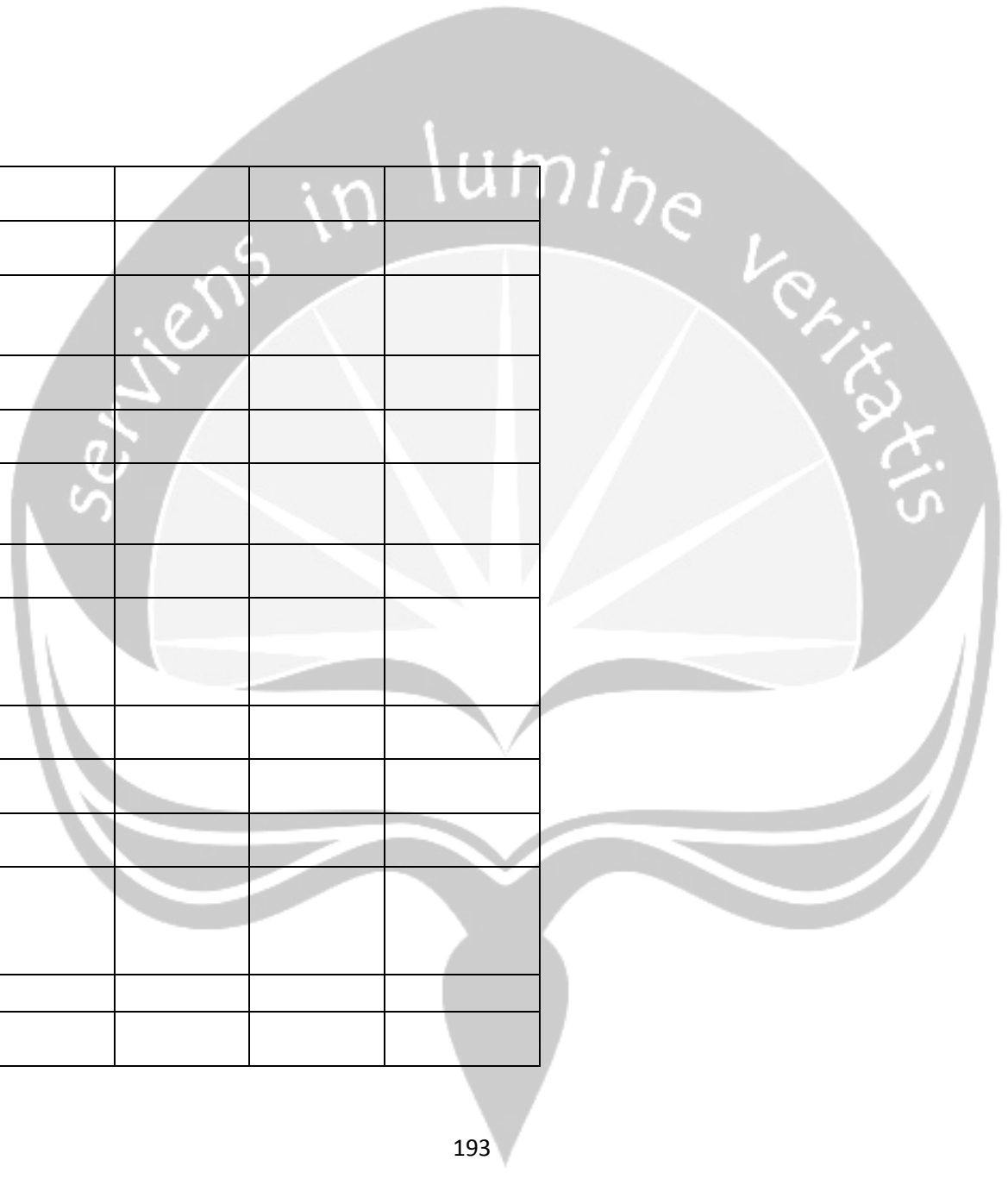
Sanitasi Air Kotor					
Kloset jongkok type CE9					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 4"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					
Pipa PVC AW Ø 3"					
Floordrain air hujan					
Aksesoris (fitting, elbow, knee)					
Sanitasi air bersih					
Kran air Ø 1/2" km/wc	Rp 2,199,200.00			Rp 2,199,200.00	
Kran air Ø 1/2" wastafel				Rp 1,319,600.00	
Pipa					

distribusi PVC AW Ø 1"					
Pipa distribusi PVC AW Ø 3/4"					
Pipa distribusi PVC AW Ø 1 1/2"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Bekas					
Floor drain					
Wastafel					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 3"					
Pipa PVC AW Ø 4"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Kotor					
Kloset jongkok					

type CE9					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 4"					
Pipa riser PVC AW Ø 6"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					
Pipa PVC AW Ø 3"					
Roofdrain					
Floordrain air hujan					
Aksesoris (fitting, elbow, knee)					
Sanitasi air bersih					
Kran air Ø 1/2" km/wc	Rp 2,199,200. 00			Rp 2,199,200.0 0	
Kran air Ø 1/2" wastafel				Rp 1,319,600.0 0	



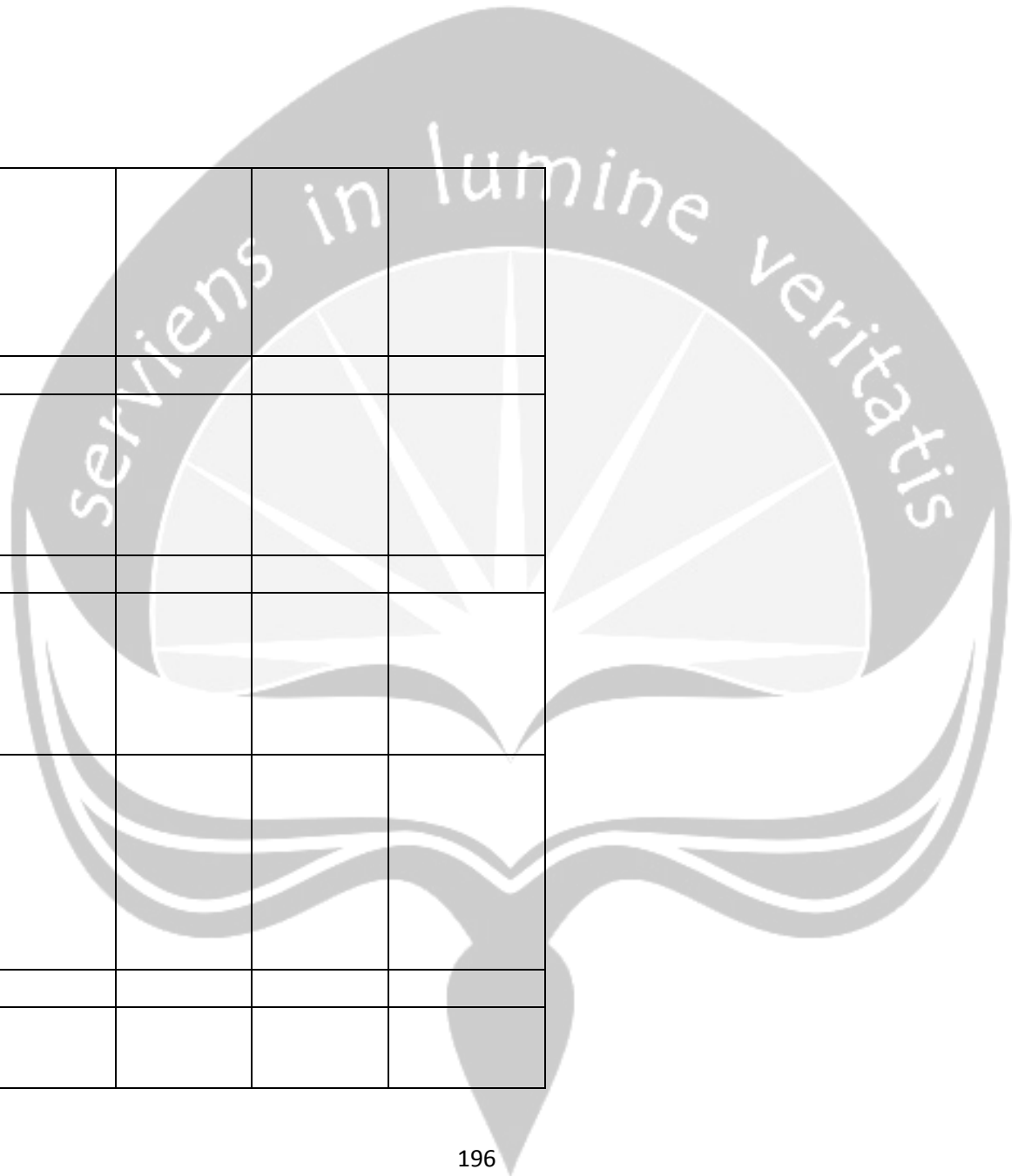
Pipa riser PVC AW Ø 1 1/2"					
Pipa distribusi PVC AW Ø 1"					
Pipa distribusi PVC AW Ø 3/4"					
Pipa distribusi PVC AW Ø 1 1/2"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Bekas					
Floor drain					
Wastafel					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 3"					
Pipa PVC AW Ø 4"					
Pipa vent Ø 2"					
Aksesoris (fitting,					



elbow, knee)					
Sanitasi Air Kotor					
Kloset jongkok type CE9					
Pipa PVC AW Ø 2"					
Pipa PVC AW Ø 4"					
Pipa riser PVC AW Ø 6"					
Pipa vent Ø 2"					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					
Pipa PVC AW Ø 3"					
Floordrain air hujan					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					

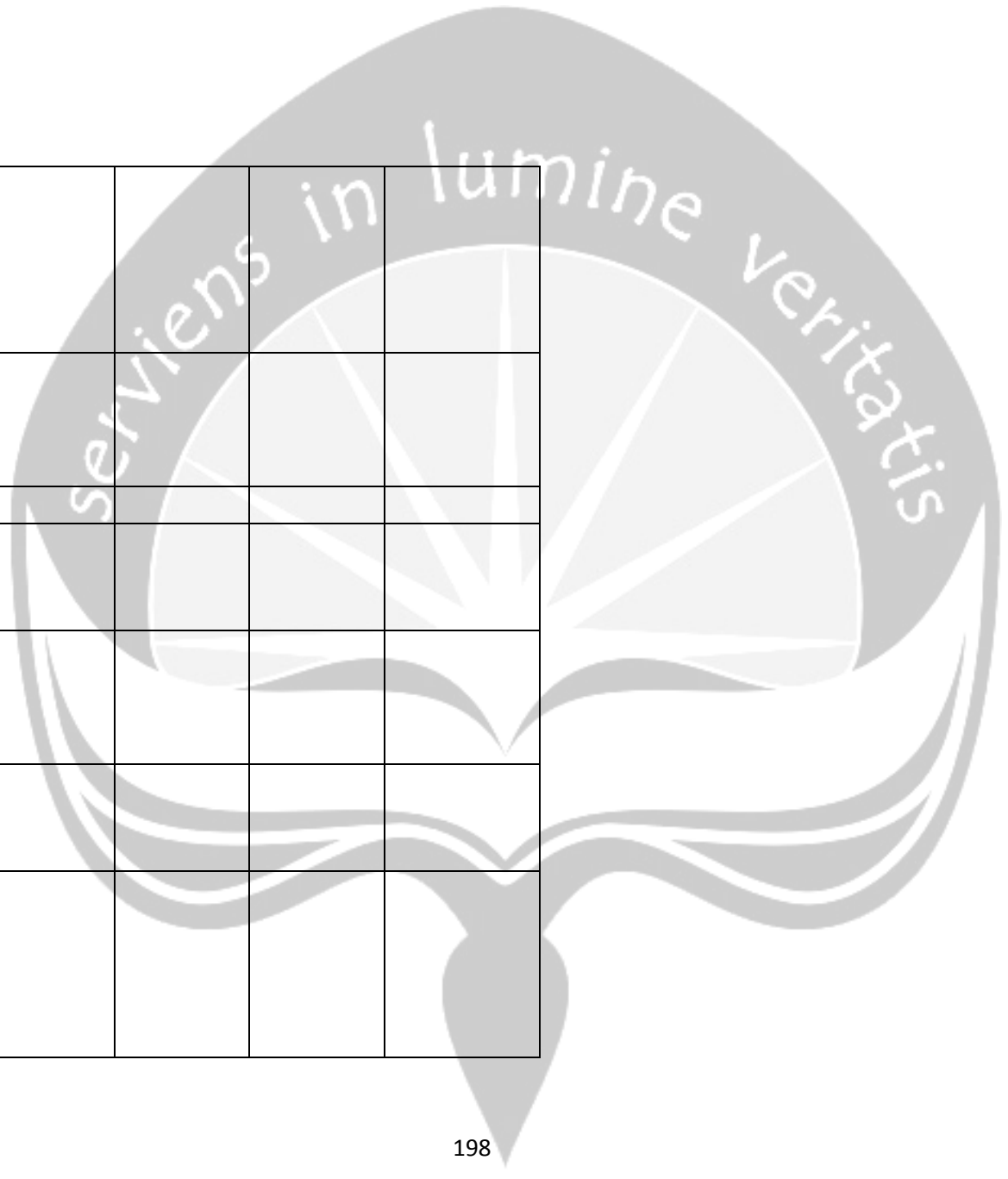
Pipa PVC AW Ø 3"					
Roofdrain					
Floordrain air hujan					
Aksesoris (fitting, elbow, knee)					
Sanitasi Air Hujan					
Pipa PVC AW Ø 3"					
Roofdrain					
Aksesoris (fitting, elbow, knee)					
Plafond gypsum tebal 9 mm rangka metal furing					
Plafon kalsiboard t = 6 mm rangka metal					

furing					
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing					
Plafond gypsum tebal 9 mm rangka metal furing					
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing					
Plafond gypsum tebal 9 mm rangka metal furing					
Drop					



ceiling plafond gypsum t = 9 mm, rangka metal furing					
Plafond gypsum tebal 9 mm rangka metal furing					
Plafond gypsum tebal 9 mm rangka metal furing					
Drop ceiling plafond gypsum t = 9 mm, rangka metal furing					
Plafon kalsiboard t = 6 mm					

rangka metal furing					
Lantai Homogeno us Tile 600 x 600 mm					
Lantai Homogeno us Tile 600 x 600 mm area tangga					
Homogeno us Tile Plint 100 x 600 mm					
Lantai Homogeno us Tile Lantai KM/WC 300 x 300 mm (Teksur)					
Homogeno us Tile Dinding 300 x 600 mm					

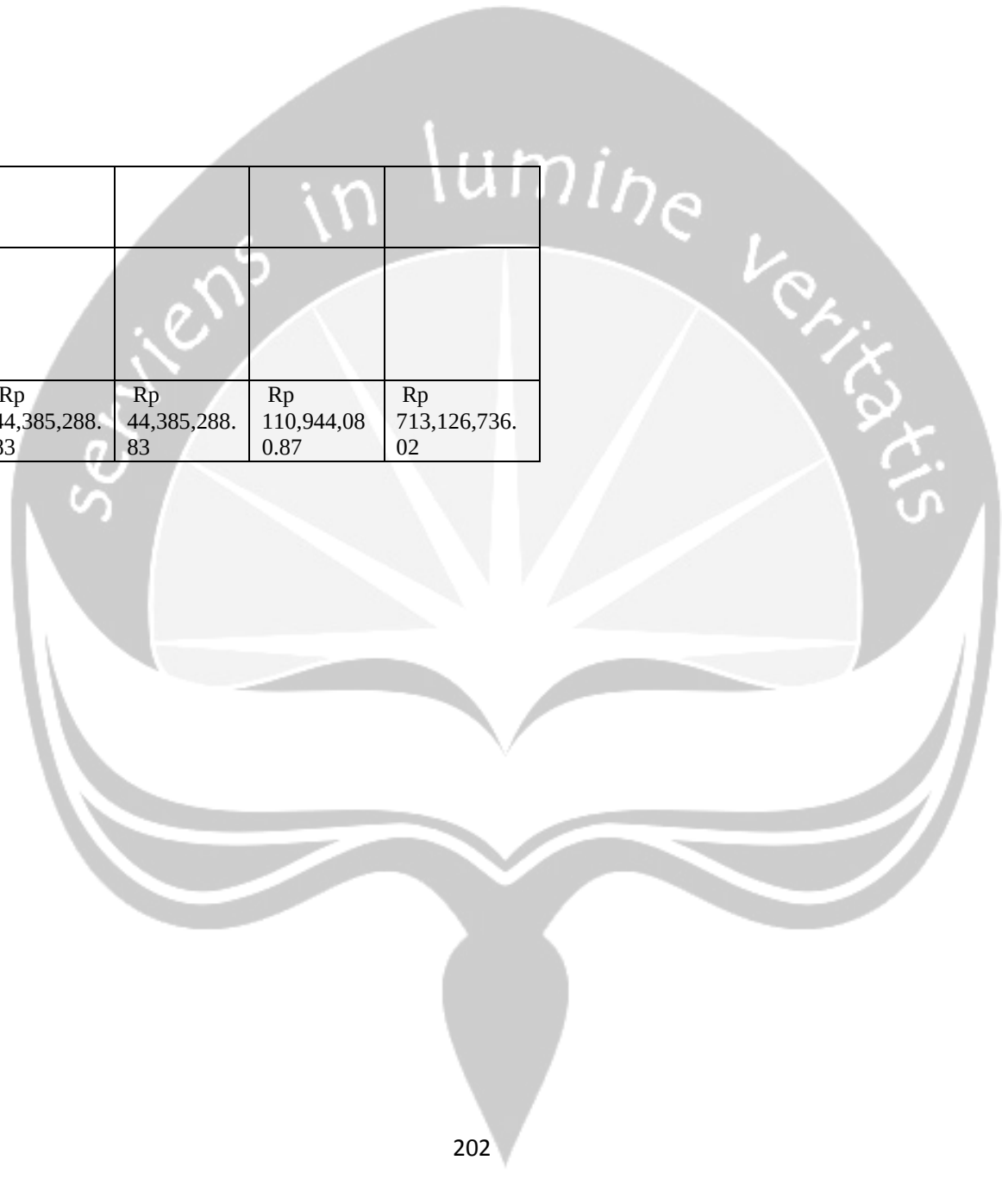


Lantai Homogenus Tile Border 600 x 600 mm (Warna Gelap)					
Lantai Homogenus Tile 600 x 600 mm (Teksur)					
Lantai Homogenus Tile 600 x 600 mm					
Lantai Homogenus Tile 600 x 600 mm area tangga					
Homogenus Tile Plint 100 x 600 mm					
Lantai Homogenus Tile Lantai KM/WC 300 x 300 mm					

(Teksur)					
Homogenus Tile Dinding 300 x 600 mm					
Lantai Homogenus Tile 600 x 600 mm (Teksur)					
Lantai Homogenus Tile 600 x 600 mm					
Lantai Homogenus Tile 600 x 600 mm area tangga					
Homogenus Tile Plint 100 x 600 mm					
Lantai Homogenus Tile Lantai KM/WC 300 x 300 mm (Teksur)					

Homogenous Tile Dinding 300 x 600 mm					
Lantai Homogenous Tile 600 x 600 mm (Tekstur)					
Lantai Homogenous Tile 600 x 600 mm					
Lantai Homogenous Tile 600 x 600 mm area tangga					
Homogenous Tile Plint 100 x 600 mm					
Lantai Homogenous Tile Lantai KM/WC 300 x 300 mm (Tekstur)					
Homogenous					

us Tile Dinding 300 x 600 mm					
Lantai Homogeno us Tile 600 x 600 mm (Teksur)					
Lantai Homogeno us Tile 600 x 600 mm					
Lantai Homogeno us Tile 600 x 600 mm area tangga					
Homogeno us Tile Plint 100 x 600 mm					
Lantai Homogeno us Tile Lantai KM/WC 300 x 300 mm (Teksur)					
Homogeno us Tile					



Dinding 300 x 600 mm					
Lantai Homogeno us Tile 600 x 600 mm (Teksur)					
Uraian Pekerjaan	Rp 63,182,08 8.83	Rp 44,385,288. 83	Rp 44,385,288. 83	Rp 110,944,08 0.87	Rp 713,126,736. 02