

ENGINEERING ESTIMATE'S [EE]

SATUAN KERJA : INSTITUT TEKNOLOGI SUMATERA
PEKERJAAN : PEMBANGUNAN GEDUNG LAYANAN UMUM INSTITUT TEKNOLOGI SUMATERA
LOKASI PEKERJAAN : INSTITUT TEKNOLOGI SUMATERA
TAHUN ANGGARAN : 2024

No.	URAIAN PEKERJAAN	KODE ANALISA	TKDN	VOLUME	HARGA SATUAN (Rp.)	JUMLAH HARGA (Rp.)	NILAI TKDN (%)
1	2	3	4	5	6	7 = 5 X 6	8
A.	PEKERJAAN PERSIAPAN				743,195,659.47		
1	Pembersihan dan Pengupasan Permukaan Tanah (striping) Serta Tanaman	1.1.3.1	100.00%	100.00	M2	13,530.00	0.01%
2	Sewa / Pembuatan Direksi Keet dan Perlengkapan	1.1.2.3	95.74%	36.00	M2	1,543,267.00	0.38%
3	Pembuatan Gudang Semen Dan Peralatan	1.1.2.3	95.74%	37.00	M2	1,543,267.00	0.39%
4	Mobilisasi dan Demobilisasi Alat Pancang	HARSAT	80.00%	1.00	UNIT	40,000,000.00	0.23%
5	Setting Out Tiang Pancang	1.1.4.4	68.75%	100.00	TITIK	17,992.70	0.01%
6	Instalasi & Peralatan Air Kerja	LS	100.00%	1.00	LS	25,000,000.00	0.18%
7	Instalasi & Peralatan Listrik Kerja dan Penerangan	LS	100.00%	1.00	LS	25,000,000.00	0.18%
8	Spanduk Banner Papan Nama Proyek	1.1.2.2	76.46%	1.00	BUAH	469,755.00	0.00%
9	Pembuatan Pagar Sementara dari Seng Gelombang Rangka Kayu Tinggi 2 Meter	1.1.1.2	79.51%	240.00	M1	274,064.78	0.37%
10	Pek. Pembuatan dan Pengadaan Power House						
	a. Pengadaan Tiang Pancang 30x30 cm	HARSAT	100.00%	36.00	M1	139,500.00	0.04%
	b. Penetrasi & Handling Tiang Pancang 30x30 cm	2.2.2.4.5	41.55%	31.50	M1	120,645.58	0.01%
	c. Potong Kepala Tiang Pancang 30x30 cm	1.6.6	53.24%	0.27	M3	245,316.69	0.00%
	d. Pasang Bouwplank	1.1.4.2	94.14%	20.00	M1	43,567.70	0.01%
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.46	M3	1,343,369.10	0.04%
	- Pembesian Sengkang dia.10 mm	2.2.1.1.3	80.53%	258.93	Kg	17,993.36	0.03%
	- Pembesian dia.16 mm ulir	2.2.1.1.3	80.53%	79.54	Kg	17,993.36	0.01%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	560.84	Kg	17,993.36	0.06%
	- Bekisting Bata Merah	2.2.1.3.2	98.18%	31.20	M2	133,661.22	0.03%
	k. Beton Kolom 45 x 45 cm						
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.47	M3	1,343,369.10	0.04%
	- Pembesian Sengkang dia.10 mm	2.2.1.1.3	80.53%	263.55	Kg	17,993.36	0.03%
	- Pembesian dia.16 mm ulir	2.2.1.1.3	80.53%	557.75	Kg	17,993.36	0.06%
	- Bekisting	2.2.1.3.4	85.89%	48.60	M2	233,927.38	0.07%
	l. Plat Lantai Dasar Tebal 17 CM						
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	4.08	M3	1,343,369.10	0.03%
	- Pembesian dia.13 mm	2.2.1.1.2	80.17%	341.74	Kg	17,493.08	0.03%
	- Pembesian dia.16 mm	2.2.1.1.2	80.17%	517.66	Kg	17,493.08	0.05%
	- Pek. Pemasangan Lapisan Ijuk Tebal 10cm	2.7.2	100.00%	24.00	M2	77,715.00	0.01%
	m. Balok Induk 30 x 60 cm						
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.67	M3	1,343,369.10	0.04%
	- Pembesian Sengkang dia.10 mm	2.2.1.1.3	80.53%	307.48	Kg	17,993.36	0.03%
	- Pembesian dia.13 mm ulir	2.2.1.1.4	74.97%	68.92	Kg	20,853.36	0.01%
	- Pembesian dia.16 mm ulir	2.2.1.1.4	74.97%	522.00	Kg	20,853.36	0.06%
	- Bekisting	2.2.1.3.5	86.06%	37.80	M2	236,740.63	0.05%
	n. Balok Anak 25 x 45 cm						
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	0.84	M3	1,343,369.10	0.01%
	- Pembesian Sengkang dia.10 mm	2.2.1.1.3	80.53%	57.80	Kg	17,993.36	0.01%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	16.41	Kg	17,993.36	0.00%
	- Pembesian dia.16 mm ulir	2.2.1.1.3	80.53%	99.43	Kg	17,993.36	0.01%
	- Bekisting	2.2.1.3.5	86.06%	6.75	M2	236,740.63	0.01%
	o. Plat Atap Tebal 12 CM						
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	4.95	M3	1,343,369.10	0.04%
	- Pembesian dia.10 mm	2.2.1.1.2	80.17%	695.10	Kg	17,493.08	0.07%
	- Bekisting	2.2.1.3.6	88.78%	41.25	M2	290,413.75	0.08%
	- Pek. Pemasangan Waterproofing Semen Base	3.4.3	50.84%	41.25	M2	158,502.30	0.02%
	- Pek. Pemasangan Waterproofing Acrylic Base	3.4.4	55.25%	41.25	M2	112,665.30	0.02%
	- Pengadaan dan Pemasangan Tangki Panel FRP Kap. 12 m3	6.1.1.15	40.33%	3.00	BUAH	54,752,780.50	0.47%
	p. List Plank Atap Tebal 5 CM						
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	0.98	M3	1,343,369.10	0.01%
	- Pembesian dia.10 mm	2.2.1.1.2	80.17%	164.30	Kg	17,493.08	0.02%
	- Bekisting	2.2.1.3.6	88.78%	19.50	M2	290,413.75	0.04%
II.	PEKERJAAN ARSITEKTUR						
a.	Pek. Dinding Bata Merah Tebal ½ Batu Campuran 1SP : 6PP	3.6.1.10	98.26%	127.80	M2	119,751.28	0.11%
b.	Pek. Pemasangan Dinding Kerawang (Rooster)	3.6.3.1	99.35%	7.20	M2	425,076.30	0.02%
c.	Pek. Pemasangan Glass Block	3.6.3.4	98.93%	3.60	M2	326,983.80	0.01%
d.	Kolom Praktis	2.2.1.10.1	88.07%	13.50	M1	103,401.10	0.01%
e.	Balok Latei	2.2.1.10.2	83.34%	20.00	M1	156,117.50	0.02%
f.	Pek. Plesteran Dinding 1SP : 2PP Tebal 15mm	3.7.2	95.67%	255.60	M2	59,271.70	0.10%
g.	Pek. Plesteran Skoning 1SP : 3PP	3.7.10	99.77%	255.60	M2	55,147.40	0.10%
h.	Acian Plesteran Dinding + Skoningan	3.7.8	98.20%	2.19	M2	45,356.30	0.00%
i.	Acian Dak Beton Sisi Dalam	3.7.8	98.20%	41.25	M2	45,356.30	0.01%
j.	Pek. Pemasangan Pintu Besi Tahan Api	3.11.1.16	52.24%	2.00	BUAH	2,211,027.50	0.02%
k.	Pekerjaan Pemasangan Pintu Rolling Door	3.11.1.1	68.13%	4.20	M2	733,040.00	0.01%
l.	Pekerjaan Pemasangan Jendela Type J.1	3.11.1.6	42.26%	1.50	M2	649,253.00	0.00%
m.	Pengecatan Lantai Epoxy Tebal 2mm	3.8.21	69.18%	24.00	M2	117,779.20	0.00%
n.	Pengecatan Dinding Luar dan Dalam	3.8.10	72.04%	255.60	M2	35,766.50	0.05%
o.	Pengecatan Dak Beton Dalam	3.8.12	93.64%	41.25	M2	40,475.08	0.01%
III.	PEKERJAAN ELEKTRIKAL						
a.	Instalasi Titik Lampu	5.3.1.1	55.75%	9.00	TITIK	285,604.00	0.01%
	- Pek. Pemasangan Lampu High Bay 100 Watt	5.3.1.11	63.62%	3.00	UNIT	254,694.00	0.00%
	- Pek. Pemasangan Fitting E27 + 19 Watt LED c/w Nicad Battery	5.3.1.7	44.11%	6.00	UNIT	370,177.50	0.01%
	- Pek. Pemasangan Fitting E27 + 19 Watt LED	5.3.1.6	51.86%	8.00	UNIT	128,177.50	0.00%
	- Pek. Pemasangan Saklar Triple	5.1.5.3	52.12%	4.00	UNIT	60,648.50	0.00%
b.	Instalasi Stop Kontak	5.1.5.13	52.13%	9.00	TITIK	398,106.50	0.01%
	- Stop Kontak Dinding IPH, 10, 13-16A	5.1.5.12	49.58%	3.00	UNIT	280,797.00	0.00%
	- Pek. Pemasangan Stop Kontak 1 P. 10 A. 200 W	5.1.5.9	42.16%	6.00	UNIT	282,425.00	0.01%
c.	Pek. Pemasangan Kabel Power Fan NYM 3 x 2.5 mm2	5.5.2.45	41.43%	4.00	TITIK	392,216.00	0.00%
	- Pek. Pemasangan Kabel Kontrol Fan NYM 3 x 2.5 mm2	5.5.2.46	42.80%	4.00	TITIK	200,794.00	0.00%
	- Pek. Pemasangan Axial Fan ; 2.600 CFM	5.5.2.7	80.77%	4.00	UNIT	1,318,003.50	0.03%
B.	PENERAPAN SMK3 KONSTRUKSI BANGUNAN GEDUNG				43,510,000.00		
1	PENYIAPAN DOKUMEN RKK, RKPPL, RMLLP, RMPK :						
a.	Pembuatan Dokumen RKK, RKPPL, RMLLP, RMPK	HARSAT	100.00%	4.00	SET	700,000.00	0.02%
b.	Pembuatan Prosedur Dan Instruksi Kerja	HARSAT	100.00%	4.00	SET	75,000.00	0.00%
c.	Penyusunan Pelaporan Penerapan SMK3	HARSAT	100.00%	4.00	SET	500,000.00	0.01%
2	SOSIALISASI, PROMOSI DAN PELATIHAN :						
a.	Induksi Keselamatan Konstruksi (Safety Induction)	HARSAT	100.00%	50.00	ORANG	12,500.00	0.00%
b.	Pengarahan K3 (Safety Briefing) Keselamatan (Safety Talk Dan/Atau Tool Box Meeting); Setiap Hari	HARSAT	100.00%	1.00	ORANG	12,500.00	0.00%
c.	Pertemuan Keselamatan (Safety Talk dan/atau Tool Box Meeting)	HARSAT	100.00%	30.00	ORANG	12,500.00	0.00%
d.	P3K	HARSAT	100.00%	2.00	ORANG	1,000,000.00	0.01%

	e. Simulasi Keselamatan Konstruksi	HARSAT	100.00%	1.00	LS	12,500.00	12,500.00	0.00%
	f. Spanduk (Banner)	HARSAT	100.00%	4.00	LEMBAR	75,000.00	300,000.00	0.00%
	g. Poster /Leaflet	HARSAT	100.00%	4.00	LEMBAR	50,000.00	200,000.00	0.00%
	h. Papan Informasi Keselamatan Konstruksi	HARSAT	100.00%	2.00	BUAH	150,000.00	300,000.00	0.00%
3	ALAT PELINDUNG KERJA DAN ALAT PELINDUNG DIRI :							
	A. Alat Pelindung Kerja, Antara Lain :							
	04. Pembatas Area (Restricted Area)	HARSAT	100.00%	6.00	ROLL	45,000.00	270,000.00	0.00%
	01. Topi Pelindung (Safety Helmet)	HARSAT	100.00%	50.00	BUAH	75,000.00	3,750,000.00	0.03%
	02. Pelindung Mata (Goggles, Spectacles)	HARSAT	100.00%	15.00	BUAH	30,000.00	450,000.00	0.00%
	03. Tameng Muka (Face Shield)	HARSAT	100.00%	15.00	BUAH	85,000.00	1,275,000.00	0.01%
	05. Pelindung Telinga (Ear Plug, Ear Muff)	HARSAT	100.00%	10.00	PASANG	60,000.00	600,000.00	0.00%
	06. Pelindung Pernafasan & Mulut (Masker, Masker Respirator)	HARSAT	100.00%	5.00	KOTAK	50,000.00	250,000.00	0.00%
	07. Sarung Tangan (Safety Gloves)	HARSAT	100.00%	50.00	PASANG	15,000.00	750,000.00	0.01%
	08. Sepatu Keselamatan (Safety Shoes, Rubber Safety Shoes & Toe Cap)	HARSAT	100.00%	50.00	PASANG	250,000.00	12,500,000.00	0.09%
	09. Penunjang Seluruh Tubuh (Full Body Harness)	HARSAT	100.00%	10.00	BUAH	250,000.00	2,500,000.00	0.02%
	11. Rompi Keselamatan (Safety Vest)	HARSAT	100.00%	50.00	BUAH	50,000.00	2,500,000.00	0.02%
	13. Pelindung Jatuh (Fall Arrester)	HARSAT	100.00%	10.00	BUAH	85,000.00	850,000.00	0.01%
5	PERSONEL KESELAMATAN KONSTRUKSI :							
	a. Ahli K3 Konstruksi Atau Ahli Keselamatan Konstruksi (Sebagai Pimpinan UKK/Personil Manajeral)	HARSAT	100.00%	1.00	ORANG	5,000,000.00	5,000,000.00	0.04%
6	FASILITAS SARANA, PRASARANA, DAN ALAT KESEHATAN :							
	a. Peralatan P3K	HARSAT	100.00%	2.00	SET	350,000.00	700,000.00	0.00%
7	RAMBU DAN PERLENGKAPAN LALU LINTAS YANG DIPERLUKAN ATAU MANAJEMEN LALU LINTAS :							
	01. Rambu Petunjuk	HARSAT	100.00%	2.00	BUAH	75,000.00	150,000.00	0.00%
	02. Rambu Larangan	HARSAT	100.00%	2.00	BUAH	75,000.00	150,000.00	0.00%
	03. Rambu Peringatan	HARSAT	100.00%	2.00	BUAH	75,000.00	150,000.00	0.00%
	05. Rambu Informasi	HARSAT	100.00%	5.00	BUAH	75,000.00	375,000.00	0.00%
	06. Rambu Pekerjaan Sementara	HARSAT	100.00%	2.00	BUAH	75,000.00	150,000.00	0.00%
	07. Jalur Evakuasi (Petunjuk Escape Route)	HARSAT	100.00%	2.00	BUAH	75,000.00	150,000.00	0.00%
	08. Kerucut Lalu Lintas (Traffic Cone)	HARSAT	100.00%	5.00	BUAH	78,000.00	390,000.00	0.00%
	17. Alat Penerangan Sementara	HARSAT	100.00%	3.00	BUAH	75,000.00	225,000.00	0.00%
9	KEGIATAN DAN PERALATAN TERKAIT PENGENDALIAN RISIKO KESELAMATAN KONSTRUKSI:							
	01. Alat Pemadam Api Ringan (APAR)	HARSAT	100.00%	1.00	BUAH	500,000.00	500,000.00	0.00%
	04. Bendera K3	HARSAT	100.00%	2.00	BUAH	100,000.00	200,000.00	0.00%
	05. Pembuatan Kartu Identitas Pekerja (KIP)	HARSAT	100.00%	30.00	BUAH	25,000.00	750,000.00	0.01%
C.	PEKERJAAN LAND CLEARING					800,823,749.63		
1	Galian (Cut Land Clearing)	1.2.1.2.1	53.76%	5,000.00	M3	84,805.11	424,025,550.00	1.62%
2	Pengukuran Kembali Bekas Galian (Fill Land Clearing)	1.4.1.6	100.00%	1,815.00	M3	46,543.20	84,475,908.00	0.60%
3	Urug Tanah Peninggian Lantai	1.3.1.1	100.00%	3,185.00	M3	67,650.00	215,465,250.00	1.53%
4	Pemadatan Tanah Bawah Pondasi dan Lantai	1.3.3.1	40.00%	1,137.50	M3	67,566.63	76,857,041.63	0.22%
D.	PEKERJAAN STRUKTUR							
I.	PEKERJAAN PONDASI					1,460,023,364.57		
1	Pekerjaan Tie Beam Beton Bertulang							
	a. Type TB.1 - 35/65							
	- Galian Tanah Dengan Semi Mekanis	1.2.1.2.1	53.76%	273.57	M3	84,805.11	23,200,133.94	0.09%
	- Urugan Kembali Bekas Galian	1.3.1.1	100.00%	156.64	M3	67,650.00	10,596,696.00	0.08%
	- Urugan Pasir	1.3.1.3	100.00%	13.39	M3	253,566.50	3,395,255.44	0.02%
	- Beton Lantai Kerja Tebal 5 cm Fc 7,5 Mpa, slump 10 ± 2.5 cm	2.2.1.4.1	93.76%	13.39	M3	1,005,094.92	13,458,220.98	0.09%
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	174.05	M3	1,343,369.10	233,813,391.86	1.37%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	8,253.83	Kg	17,993.36	148,514,134.57	0.85%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	3,347.75	Kg	17,993.36	60,237,270.94	0.35%
	- Pembesian dia.19 mm Ulir	2.2.1.1.3	80.53%	28,604.46	Kg	17,993.36	514,690,346.39	2.95%
	- Bekisting Bata Merah	2.2.1.3.2	98.18%	994.55	M2	133,661.22	132,932,766.35	0.93%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	174.05	M3	17,248.00	3,002,014.40	0.02%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	267.76	M2	3,193.85	855,185.28	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	40,206.03	Kg	457.78	18,405,516.41	0.11%
	b. Type TB.2 - 25/45							
	- Galian Tanah Dengan Semi Mekanis	1.2.1.2.1	53.76%	9.76	M3	84,805.11	827,697.87	0.00%
	- Urugan Kembali Bekas Galian	1.3.1.1	100.00%	4.86	M3	67,650.00	328,779.00	0.00%
	- Urugan Pasir	1.3.1.3	100.00%	0.60	M3	253,566.50	152,139.90	0.00%
	- Beton Lantai Kerja Tebal 5 cm Fc 7,5 Mpa, slump 10 ± 2.5 cm	2.2.1.4.1	93.76%	0.60	M3	1,005,094.92	603,056.95	0.00%
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.40	M3	1,343,369.10	7,254,193.14	0.04%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	369.90	Kg	17,993.36	6,655,743.86	0.04%
	- Pembesian dia.16 mm ulir	2.2.1.1.3	80.53%	477.26	Kg	17,993.36	8,587,510.99	0.05%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	105.02	Kg	17,993.36	1,889,662.67	0.01%
	- Bekisting Bata Merah	2.2.1.3.2	98.18%	43.20	M2	133,661.22	5,774,164.70	0.04%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	5.40	M3	17,248.00	93,139.20	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	12.00	M2	3,193.85	38,326.20	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	952.18	Kg	457.78	435,888.96	0.00%
2	Pekerjaan Janggut Beton Bertulang Keliling Bangunan							
	a. Type JB.1							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	15.30	M3	1,343,369.10	20,553,547.23	0.12%
	- Pembesian dia.10 mm	2.2.1.1.3	80.53%	3,706.60	Kg	17,993.36	66,694,188.18	0.38%
	- Bekisting 3x Pakai	2.2.1.3.3	93.71%	255.00	M2	163,680.00	41,738,400.00	0.28%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	15.30	M3	17,248.00	263,894.40	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	127.50	M2	3,193.85	407,215.88	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	3,706.60	Kg	457.78	1,696,807.35	0.01%
	b. Type JB.2							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	16.80	M3	1,343,369.10	22,568,600.88	0.13%
	- Pembesian dia.10 mm	2.2.1.1.3	80.53%	3,158.95	Kg	17,993.36	56,840,124.57	0.33%
	- Bekisting 3x Pakai	2.2.1.3.3	93.71%	280.00	M2	163,680.00	45,830,400.00	0.31%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	16.80	M3	17,248.00	289,766.40	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	140.00	M2	3,193.85	447,139.00	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	3,158.95	Kg	457.78	1,446,104.13	0.01%
II.	PEKERJAAN STRUKTUR LANTAI 1					2,289,395,537.54		
1	Pekerjaan Plat Lantai Beton Bertulang (Dalam Gedung, Teras, Ramp, Drop Off)							
	- Urugan Pasir	1.3.1.3	100.00%	237.53	M3	253,566.50	60,229,650.75	0.43%
	- Beton Lantai Kerja Tebal 5 cm Fc 7,5 Mpa, slump 10 ± 2.5 cm	2.2.1.4.1	93.76%	98.97	M3	1,005,094.92	99,474,244.23	0.66%
	- Beton Fc 25 Mpa, slump 10 ± 2.5 cm	2.2.1.5.6	82.58%	98.97	M3	1,311,641.95	129,813,203.79	0.76%
	- Pembesian dia.10 mm	2.2.1.1.2	80.17%	16,677.27	Kg	17,493.08	291,736,818.29	1.66%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	237.53	M3	17,248.00	4,096,917.44	0.02%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	1,979.38	M2	3,193.85	6,321,842.81	0.04%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	16,677.27	Kg	457.78	7,634,520.66	0.05%

2	Pekerjaan Kolom Beton Bertulang							
	a. Kolom Type K1 -70/70 TOWER							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	21.32	M3	1,343,369.10	28,640,629.21	0.17%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	1,184.45	Kg	17,993.36	21,312,235.25	0.12%
	- Pembesian dia.22 mm ulir	2.2.1.1.3	80.53%	7,876.79	Kg	17,993.36	141,729,918.11	0.81%
	- Bekisting 3x Pakai	2.2.1.1.3	80.53%	121.80	Kg	17,993.36	2,191,591.25	0.01%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	21.32	M3	17,248.00	367,727.36	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	121.80	M2	3,193.85	389,010.93	0.00%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	121.80	M2	8,646.00	1,053,082.80	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	9,061.24	Kg	457.78	4,148,054.45	0.03%
	b. Kolom Type K2 - Ø 70 TOWER							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	33.46	M3	1,343,369.10	44,949,130.09	0.26%
	- Pembesian Sengkang dia.13 mm Ulir	2.2.1.1.3	80.53%	4,795.67	Kg	17,993.36	86,290,216.75	0.49%
	- Pembesian dia.22 mm ulir	2.2.1.1.3	80.53%	13,908.36	Kg	17,993.36	250,258,128.49	1.43%
	- Bekisting 3x Pakai	2.2.1.3.4	85.89%	206.61	M2	233,927.38	48,331,735.98	0.30%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	33.46	M3	17,248.00	577,118.08	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	206.61	M2	3,193.85	659,881.35	0.00%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	206.61	M2	8,646.00	1,786,350.06	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	18,704.03	Kg	457.78	8,562,330.85	0.05%
	c. Kolom Type K3 - Ø 70 PODIUM							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	50.20	M3	1,343,369.10	67,437,128.82	0.40%
	- Pembesian Sengkang dia.13 mm Ulir	2.2.1.1.3	80.53%	5,746.20	Kg	17,993.36	103,393,445.23	0.59%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	6,823.58	Kg	17,993.36	122,779,131.43	0.70%
	- Bekisting 3x Pakai	2.2.1.3.4	85.89%	309.92	M2	233,927.38	72,498,773.61	0.44%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	50.20	M3	17,248.00	865,849.60	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	309.92	M2	3,193.85	989,837.99	0.01%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	309.92	M2	8,646.00	2,679,568.32	0.02%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	12,569.79	Kg	457.78	5,754,198.47	0.03%
	d. Kolom Type K4 - Ø 70 DROPOFF							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	20.58	M3	1,343,369.10	27,646,536.08	0.16%
	- Pembesian Sengkang dia.13 mm Ulir	2.2.1.1.3	80.53%	1,396.65	Kg	17,993.36	25,130,426.24	0.14%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	2,175.71	Kg	17,993.36	39,148,333.29	0.22%
	- Bekisting Bata Merah 2 Lapis (Untuk Penebalan Kolom)	2.2.1.3.2	98.18%	125.29	M2	133,661.22	16,746,414.25	0.12%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	20.58	M3	17,248.00	354,963.84	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	125.29	M2	3,193.85	400,157.47	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	125.29	Kg	457.78	57,355.26	0.00%
3	Pekerjaan Struktur Tangga							
	a. Tangga Utama							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	4.57	M3	1,343,369.10	6,139,196.79	0.04%
	- Pembesian dia.19 mm Ulir	2.2.1.1.3	80.53%	853.24	Kg	17,993.36	15,352,654.49	0.09%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	516.46	Kg	17,993.36	9,292,850.71	0.05%
	- Bekisting 3x Pakai	2.2.1.3.8	87.14%	37.94	M2	229,053.00	8,690,270.82	0.05%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	4.57	M3	17,248.00	78,823.36	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	24.46	M2	3,193.85	78,121.57	0.00%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	37.94	M2	8,646.00	328,029.24	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	1,369.70	Kg	457.78	627,021.27	0.00%
	b. Tangga Type 1 (2 Unit)							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.49	M3	1,343,369.10	7,375,096.36	0.04%
	- Pembesian dia.19 mm Ulir	2.2.1.1.3	80.53%	913.37	Kg	17,993.36	16,434,595.22	0.09%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	696.29	Kg	17,993.36	12,528,596.63	0.07%
	- Bekisting 3x Pakai	2.2.1.3.8	87.14%	48.13	M2	229,053.00	11,024,320.89	0.07%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	5.49	M3	17,248.00	94,691.52	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	24.36	M2	3,193.85	77,802.19	0.00%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	48.13	M2	8,646.00	416,131.98	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	1,609.66	Kg	457.78	736,870.15	0.00%
	c. Tangga Teras							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	43.50	M3	1,343,369.10	58,436,555.85	0.34%
	- Pembesian dia.13 mm Ulir	2.2.1.1.3	80.53%	5,980.42	Kg	17,993.36	107,607,850.01	0.62%
	- Pembesian dia.10 mm ulir	2.2.1.1.3	80.53%	1,282.32	Kg	17,993.36	23,073,245.40	0.13%
	- Bekisting 3x Pakai	2.2.1.3.8	87.14%	340.48	M2	229,053.00	77,987,965.44	0.48%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	43.50	M3	17,248.00	750,288.00	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	128.00	M2	3,193.85	408,812.80	0.00%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	340.48	M2	8,646.00	2,943,790.08	0.02%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	7,262.74	Kg	457.78	3,324,737.12	0.02%
4	Pekerjaan Dinding Geser (SHEARWALL)							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	45.98	M3	1,343,369.10	61,768,111.22	0.36%
	- Pembesian dia.16 mm Ulir	2.2.1.1.3	80.53%	2,682.76	Kg	17,993.36	48,271,866.47	0.28%
	- Pembesian Sengkang dia.13 mm ulir	2.2.1.1.3	80.53%	69.43	Kg	17,993.36	1,249,278.98	0.01%
	- Bekisting 3x Pakai	2.2.1.3.7	83.97%	262.74	M2	269,197.50	70,728,951.15	0.42%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	45.98	M3	17,248.00	793,063.04	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	131.37	M2	3,193.85	419,576.07	0.00%
	- Pembakaran Bekisting	2.2.1.3.11	100.00%	262.74	M2	8,646.00	2,271,650.04	0.02%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	2,752.19	Kg	457.78	1,259,897.54	0.01%
III.	PEKERJAAN STRUKTUR LANTAI 2					4,948,039,793.24		
1	Pekerjaan Pembalokan Beton Bertulang							
	a. Balok Type B1 - 35/65 INDUK							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	149.29	M3	1,343,369.10	200,551,572.94	1.18%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	13,147.79	Kg	17,993.36	236,572,918.67	1.36%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	24,534.98	Kg	17,993.36	441,466,727.73	2.53%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	2,871.48	Kg	17,993.36	51,667,573.37	0.30%
	- Bekisting 3x Pakai	2.2.1.3.5	86.06%	853.06	M2	236,740.63	201,953,961.83	1.24%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	149.29	M3	17,248.00	2,574,953.92	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	40,554.25	Kg	457.78	18,564,924.57	0.11%
	b. Balok Type B2 - 25/45 ANAK							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	69.14	M3	1,343,369.10	92,880,539.57	0.54%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	4,736.26	Kg	17,993.36	85,221,231.23	0.49%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	11,489.79	Kg	17,993.36	206,739,927.79	1.18%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	1,344.72	Kg	17,993.36	24,196,031.06	0.14%
	- Bekisting 3x Pakai	2.2.1.3.5	86.06%	553.14	M2	236,740.63	130,950,712.08	0.80%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	69.14	M3	17,248.00	1,192,526.72	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	17,570.77	Kg	457.78	8,043,547.09	0.05%
	c. Balok Type B3 - 20/30							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	14.16	M3	1,343,369.10	19,022,106.46	0.11%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	1,333.70	Kg	17,993.36	23,997,744.23	0.14%
	- Pembesian dia.16 mm ulir	2.2.1.1.3	80.53%	1,564.35	Kg	17,993.36	28,147,912.72	0.16%
	- Pembesian dia.10 mm ulir	2.2.1.1.3	80.53%	305.54	Kg	17,993.36	5,497,691.21	0.03%

	- Bekisting 3x Pakai	2.2.1.3.5	86.06%	141.60	M2	236,740.63	33,522,473.21	0.21%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	14.16	M3	17,248.00	244,231.68	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	3,203.58	Kg	457.78	1,466,534.85	0.01%
2	Pekerjaan Plat Lantai Beton Bertulang							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	204.73	M3	1,343,369.10	275,027,955.84	1.61%
	- Pembesian dia. 10 mm	2.2.1.1.2	80.17%	27,599.41	Kg	17,493.08	482,798,687.08	2.75%
	- Bekisting 3x Pakai	2.2.1.3.6	88.78%	1,637.85	M2	290,413.75	475,654,160.44	3.00%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	204.73	M3	17,248.00	3,531,183.04	0.02%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	1,637.85	M2	3,193.85	5,231,047.22	0.04%
	- Pembongkaran Bekisting	2.2.1.3.11	100.00%	1,637.85	M2	8,646.00	14,160,851.10	0.10%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	27,599.41	Kg	457.78	12,634,457.91	0.08%
3	Pekerjaan Plat Teras Beton Bertulang (DROPOFF)							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	42.69	M3	1,343,369.10	57,348,426.88	0.34%
	- Pembesian dia. 10 mm	2.2.1.1.2	80.17%	5,755.12	Kg	17,493.08	100,674,774.57	0.57%
	- Bekisting 3x Pakai	2.2.1.3.6	88.78%	341.53	M2	290,413.75	99,185,008.04	0.63%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	42.69	M3	17,248.00	736,317.12	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	341.53	M2	3,193.85	1,090,795.59	0.01%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	341.53	M2	8,646.00	2,952,868.38	0.02%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	5,755.12	Kg	457.78	2,634,578.83	0.02%
	- SABWU Waterproofing Membrane Sheet (Dak Atap & Balkon Teras)	3.4.4	55.25%	-	M2	112,665.30	-	
	- Screed pelindung waterproofing (MU-443)	3.4.3	50.84%	-	M2	158,502.30	-	
4	Pekerjaan Jangcutan Beton Bertulang							
	a. Type JB.1							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	8.20	M3	1,343,369.10	11,015,626.62	0.06%
	- Pembesian dia.10 mm	2.2.1.1.3	80.53%	10,181.39	Kg	17,993.36	183,197,415.57	1.05%
	- Bekisting 3x Pakai	2.2.1.3.7	83.97%	136.59	M2	269,197.50	36,769,686.53	0.22%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	8.20	M3	17,248.00	141,433.60	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	136.59	M2	3,193.85	436,247.97	0.00%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	136.59	M2	8,646.00	1,180,957.14	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	10,181.39	Kg	457.78	4,660,836.71	0.03%
5	Pekerjaan Kolom Beton Bertulang							
	a. Kolom Type K1 - 70/70 TOWER							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	21.32	M3	1,343,369.10	28,640,629.21	0.17%
	- Pembesian Sengkang dia.10 mm Ulir	2.2.1.1.3	80.53%	1,184.45	Kg	17,993.36	21,312,235.25	0.12%
	- Pembesian dia.22 mm ulir	2.2.1.1.3	80.53%	7,876.79	Kg	17,993.36	141,729,918.11	0.81%
	- Bekisting 3x Pakai	2.2.1.1.3	80.53%	121.80	Kg	17,993.36	2,191,591.25	0.01%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	21.32	M3	17,248.00	367,727.36	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	121.80	M2	3,193.85	389,010.93	0.00%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	121.80	M2	8,646.00	1,053,082.80	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	9,061.24	Kg	457.78	4,148,054.45	0.03%
	b. Kolom Type K2 - Ø 70 TOWER							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	33.46	M3	1,343,369.10	44,949,130.09	0.26%
	- Pembesian Sengkang dia.13 mm Ulir	2.2.1.1.3	80.53%	5,554.66	Kg	17,993.36	99,946,997.06	0.57%
	- Pembesian dia.22 mm ulir	2.2.1.1.3	80.53%	13,908.36	Kg	17,993.36	250,258,128.49	1.43%
	- Bekisting 3x Pakai	2.2.1.3.4	85.89%	206.61	M2	233,927.38	48,331,735.98	0.30%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	33.46	M3	17,248.00	577,118.08	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	206.61	M2	3,193.85	659,881.35	0.00%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	206.61	M2	8,646.00	1,786,350.06	0.01%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	19,463.02	Kg	457.78	8,909,781.30	0.05%
	c. Kolom Type K3 - Ø 70 PODIUM							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	50.20	M3	1,343,369.10	67,437,128.82	0.40%
	- Pembesian Sengkang dia.13 mm Ulir	2.2.1.1.3	80.53%	5,746.20	Kg	17,993.36	103,393,445.23	0.59%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	6,823.58	Kg	17,993.36	122,779,131.43	0.70%
	- Bekisting 3x Pakai	2.2.1.3.4	85.89%	309.92	M2	233,927.38	72,498,773.61	0.44%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	50.20	M3	17,248.00	865,849.60	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	309.92	M2	3,193.85	989,837.99	0.01%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	309.92	M2	8,646.00	2,679,568.32	0.02%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	12,569.79	Kg	457.78	5,754,198.47	0.03%
	d. Kolom Type K4 - Ø 70 DROPOFF							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.77	M3	1,343,369.10	7,751,239.71	0.05%
	- Pembesian Sengkang dia.13 mm Ulir	2.2.1.1.3	80.53%	299.28	Kg	17,993.36	5,385,052.78	0.03%
	- Pembesian dia.19 mm ulir	2.2.1.1.3	80.53%	1,005.96	Kg	17,993.36	18,100,600.43	0.10%
	- Bekisting Bata Merah 2 Lapis (Untuk Penebalan Kolom)	2.2.1.3.2	98.18%	40.66	M2	133,661.22	5,434,665.21	0.04%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	5.77	M3	17,248.00	99,520.96	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	40.66	M2	3,193.85	129,861.94	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	40.66	Kg	457.78	18,613.33	0.00%
6	Pekerjaan Struktur Tangga							
	a. Tangga Utama							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	4.57	M3	1,343,369.10	6,139,196.79	0.04%
	- Pembesian dia.19 mm Ulir	2.2.1.1.3	80.53%	853.24	Kg	17,993.36	15,352,654.49	0.09%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	516.46	Kg	17,993.36	9,292,850.71	0.05%
	- Bekisting 3x Pakai	2.2.1.3.8	87.14%	37.94	M2	229,053.00	8,690,270.82	0.05%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	4.57	M3	17,248.00	78,823.36	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	24.46	M2	3,193.85	78,121.57	0.00%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	37.94	M2	8,646.00	328,029.24	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	1,369.70	Kg	457.78	627,021.27	0.00%
	b. Tangga Type 1 (2 Unit)							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	5.49	M3	1,343,369.10	7,375,096.36	0.04%
	- Pembesian dia.19 mm Ulir	2.2.1.1.3	80.53%	913.37	Kg	17,993.36	16,434,595.22	0.09%
	- Pembesian dia.13 mm ulir	2.2.1.1.3	80.53%	696.29	Kg	17,993.36	12,528,596.63	0.07%
	- Bekisting 3x Pakai	2.2.1.3.8	87.14%	48.13	M2	229,053.00	11,024,320.89	0.07%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	5.49	M3	17,248.00	94,691.52	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	24.36	M2	3,193.85	77,802.19	0.00%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	48.13	M2	8,646.00	416,131.98	0.00%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	1,609.66	Kg	457.78	736,870.15	0.00%
7	Pekerjaan Dinding Geser (SHEARWALL)							
	- Beton Fc 28 Mpa, slump 10 ± 2.5 cm	2.2.1.5.7	82.43%	45.98	M3	1,343,369.10	61,768,111.22	0.36%
	- Pembesian dia.16 mm Ulir	2.2.1.1.3	80.53%	2,682.76	Kg	17,993.36	48,271,866.47	0.28%
	- Pembesian Sengkang dia.13 mm ulir	2.2.1.1.3	80.53%	69.43	Kg	17,993.36	1,249,278.98	0.01%
	- Bekisting 3x Pakai	2.2.1.3.7	83.97%	262.74	M2	269,197.50	70,728,951.15	0.42%
	- Pengecoran Pakai Concrete Pump	2.2.1.7.6	41.00%	1.00	HARI	1,376,485.14	1,376,485.14	0.00%
	- Pemadatan Beton Menggunakan Vibrator	2.2.1.8.2	80.10%	45.98	M3	17,248.00	793,063.04	0.00%
	- Curring Beton Selama 4 Hari	2.2.1.9.1	95.68%	131.37	M2	3,193.85	419,576.07	0.00%
	- Pembokaran Bekisting	2.2.1.3.11	100.00%	262.74	M2	8,646.00	2,271,650.04	0.02%
	- Pengangkutan Material Penulangan	2.2.1.1.9	84.98%	2,752.19	Kg	457.78	1,259,897.54	0.01%
IV.	PEKERJAAN STRUKTUR LANTAI 3					3,661,883,278.99		

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