



BOQ

BILL OF QUANTITY

PRIVATE HOUSE MR. XXXX

2023

SUMMARY BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023

No.	WORK DESCRIPTION	AMOUNT PRICE LABOR (Rp.)	AMOUNT PRICE MATERIAL (Rp.)	AMOUNT PRICE LABOR + MATERIAL (Rp.)
A	MAIN BUILDING WORK			
I	PRELIMINARY	Rp 16,339,462.04	Rp 32,275,144.59	Rp 48,614,606.63
II	STRUCTURAL WORK	Rp 663,821,767.71	Rp 1,806,066,715.96	Rp 2,469,888,483.66
III	ARCHITECTURE WORK	Rp 1,165,291,160.15	Rp 4,954,440,839.89	Rp 6,119,732,000.04
IV	MECHANICAL, ELECTRICAL & PLUMBING (MEP) WORK	Rp 143,497,713.51	Rp 712,990,382.71	Rp 856,488,096.21
TOTAL MAIN BUILDING WORK (A)		Rp 1,988,950,103.40	Rp 7,505,773,083.14	Rp 9,494,723,186.54
B	OUTDOOR WORK			
V	SWIMMING POOL WORK	Rp 47,047,505.92	Rp 138,677,292.77	Rp 185,724,798.69
VI	BOUNDARY WALL WORK	Rp 141,033,200.60	Rp 203,277,564.61	Rp 344,310,765.21
TOTAL OUTDOOR WORK (B)		Rp 188,080,706.52	Rp 341,954,857.38	Rp 530,035,563.90
TOTAL MAIN BUILDING + OUTDOOR WORK (A+B)		Rp 2,177,030,809.92	Rp 7,847,727,940.52	Rp 10,024,758,750.44
ROUNDED		Rp 2,177,000,000.00	Rp 7,847,700,000.00	Rp 10,024,700,000.00

Note :

1. Price of this BOQ With Rupiah Currency
2. Prices Above Do Not Include:
 - Interior Work
 - Garden Landscape Work
 - Unit Heat Pump



PRELIMINARY

BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023
 SUBJECT : PRELIMINARY

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
I	PRELIMINARY								
1	Project Area Clearing And Leveling Work	541.14	m2	Rp 12,577.50	Rp -	Rp 12,577.50	Rp 6,806,188.35	Rp -	Rp 6,806,188.35
2	Temporary Building for Worker	12.00	m2	Rp 62,725.00	Rp 555,620.00	Rp 618,345.00	Rp 752,700.00	Rp 6,667,440.00	Rp 7,420,140.00
3	Temporary Building for Material	6.00	m2	Rp 62,725.00	Rp 555,620.00	Rp 618,345.00	Rp 376,350.00	Rp 3,333,720.00	Rp 3,710,070.00
4	Temporary Toilet	1.00	unit	Rp 648,700.00	Rp 2,391,187.50	Rp 3,039,887.50	Rp 648,700.00	Rp 2,391,187.50	Rp 3,039,887.50
5	Stake Out Building Perimeters	162.78	m	Rp 16,090.75	Rp 52,247.00	Rp 68,337.75	Rp 2,619,252.29	Rp 8,504,766.66	Rp 11,124,018.95
6	Drill Water Well	1.00	unit	Rp 4,377,750.00	Rp 8,401,900.00	Rp 12,779,650.00	Rp 4,377,750.00	Rp 8,401,900.00	Rp 12,779,650.00
7	Temporary Project Fence Works	19.88	m	Rp 38,155.00	Rp 149,704.75	Rp 187,859.75	Rp 758,521.40	Rp 2,976,130.43	Rp 3,734,651.83
	Total Preliminary (I)						Rp 16,339,462.04	Rp 32,275,144.59	Rp 48,614,606.63



STRUCTURE WORK

BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023
 SUBJECT : STRUCTURAL WORK

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
II	STRUCTURAL WORKS								
II.1	GROUND FLOOR STRUCTURAL WORK								
II.1.A	GROUND WORK								
1	Soil Excavation Work								
	- Soil Excavation for P1 Foundation	3.20	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 471,120.00	Rp -	Rp 471,120.00
	- Soil Excavation for P2 Foundation	11.20	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 1,648,920.00	Rp -	Rp 1,648,920.00
	- Soil Excavation for P3 Foundation	0.85	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 124,405.13	Rp -	Rp 124,405.13
	- Soil Excavation for P4 Foundation	18.00	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 2,650,050.00	Rp -	Rp 2,650,050.00
	- Soil Excavation for Continuous Foundation	115.04	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 16,936,764.00	Rp -	Rp 16,936,764.00
2	Sand Fill Work								
	- Sand Fill Below P1 Foundation	0.32	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 16,744.00	Rp 86,112.00	Rp 102,856.00
	- Sand Fill Below P2 Foundation	1.12	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 58,604.00	Rp 301,392.00	Rp 359,996.00
	- Sand Fill Below P3 Foundation	0.08	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 4,421.46	Rp 22,738.95	Rp 27,160.41
	- Sand Fill Below P4 Foundation	0.75	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 39,243.75	Rp 201,825.00	Rp 241,068.75
	- Sand Fill Below Continuous Foundation	11.50	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 601,946.80	Rp 3,095,726.40	Rp 3,697,673.20
	- Sand Fill Below Floor Slab	27.06	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 1,415,757.53	Rp 7,281,038.70	Rp 8,696,796.23
3	Backfill Work								
	- Backfill P1 Foundation	1.28	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 66,976.00	Rp -	Rp 66,976.00
	- Backfill P2 Foundation	4.48	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 234,416.00	Rp -	Rp 234,416.00
	- Backfill P3 Foundation	0.34	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 17,685.85	Rp -	Rp 17,685.85
	- Backfill P4 Foundation	7.20	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 376,740.00	Rp -	Rp 376,740.00
	- Backfill Continuous Foundation	46.02	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 2,407,787.20	Rp -	Rp 2,407,787.20
4	Landfill for Building Leveling	541.14	m3	Rp 52,325.00	Rp 169,000.00	Rp 221,325.00	Rp 28,315,150.50	Rp 91,452,660.00	Rp 119,767,810.50
5	Continuous Foundation								
	- Gravel for Continuous Foundation	34.51	m3	Rp 135,882.50	Rp 400,088.00	Rp 535,970.50	Rp 4,689,576.84	Rp 13,807,837.06	Rp 18,497,413.90
	- Rock Fill for Continuous Foundation Mix.1 Cement : 5 Sand	115.04	m3	Rp 163,832.50	Rp 683,540.00	Rp 847,372.50	Rp 18,847,290.80	Rp 78,634,441.60	Rp 97,481,732.40
	Total Work A						Rp 78,923,599.85	Rp 194,883,771.71	Rp 273,807,371.56
II.1.B	CONCRETE WORK								
1	Bore Pile Ø.300 mm T= 7 m								
	- Borpile Services	530.00	m	Rp 135,915.00	Rp -	Rp 135,915.00	Rp 72,034,950.00	Rp -	Rp 72,034,950.00
	- Concrete fc' 25 Mpa	47.70	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 9,035,620.20	Rp 52,418,102.40	Rp 61,453,722.60
	- Longitudinal Steel Reinforcement Dia.13 mm	4,418.08	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 13,073,098.72	Rp 57,592,778.33	Rp 70,665,877.05
	- Transversal Steel Reinforcement Ø.8 mm	2,721.55	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 8,053,066.45	Rp 35,477,317.27	Rp 43,530,383.72
2	Foundation Work P1								
	- Lean Concrete	0.19	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 36,369.79	Rp 195,197.18	Rp 231,566.98
	- Concrete fc' 25 Mpa	3.20	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 606,163.20	Rp 3,516,518.40	Rp 4,122,681.60
	- Top Layer Steel Reinforcement Dia. 16 - 150 mm	302.98	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 896,505.98	Rp 3,949,505.13	Rp 4,846,011.11
	- Bottom Layer Steel Reinforcement Dia. 16 - 150 mm	302.98	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 896,505.98	Rp 3,949,505.13	Rp 4,846,011.11
	- Concrete Brick Formwork	16.00	m2	Rp 43,680.00	Rp 82,062.50	Rp 125,742.50	Rp 698,880.00	Rp 1,313,000.00	Rp 2,011,880.00
3	Foundation Work P2								
	- Lean Concrete	0.67	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 127,294.27	Rp 683,190.14	Rp 810,484.42
	- Concrete fc' 25 Mpa	11.20	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 2,121,571.20	Rp 12,307,814.40	Rp 14,429,385.60
	- Top Layer Steel Reinforcement Dia. 16 - 150 mm	934.18	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,764,226.78	Rp 12,177,640.81	Rp 14,941,867.59
	- Bottom Layer Steel Reinforcement Dia. 16 - 150 mm	934.18	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,764,226.78	Rp 12,177,640.81	Rp 14,941,867.59
	- Concrete Brick Formwork	44.00	m2	Rp 43,680.00	Rp 82,062.50	Rp 125,742.50	Rp 1,921,920.00	Rp 3,610,750.00	Rp 5,532,670.00
4	Foundation Work P3								
	- Lean Concrete	0.05	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 9,603.90	Rp 51,544.26	Rp 61,148.15
	- Concrete fc' 25 Mpa	0.85	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 160,064.97	Rp 928,580.64	Rp 1,088,645.61
	- Top Layer Steel Reinforcement Dia. 16 - 150 mm	62.91	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 186,149.51	Rp 820,070.86	Rp 1,006,220.36
	- Bottom Layer Steel Reinforcement Dia. 16 - 150 mm	62.91	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 186,149.51	Rp 820,070.86	Rp 1,006,220.36
	- Concrete Brick Formwork	2.60	m2	Rp 43,680.00	Rp 82,062.50	Rp 125,742.50	Rp 113,568.00	Rp 213,362.50	Rp 326,930.50

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
5	Foundation Work P4								
	- Lean Concrete	0.45	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 85,241.70	Rp 457,493.40	Rp 542,735.10
	- Concrete fc' 25 Mpa	4.50	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 852,417.00	Rp 4,945,104.00	Rp 5,797,521.00
	- Top Layer Steel Reinforcement Dia. 16 - 150 mm	333.44	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 986,648.96	Rp 4,346,624.78	Rp 5,333,273.74
	- Bottom Layer Steel Reinforcement Dia. 16 - 150 mm	333.44	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 986,648.96	Rp 4,346,624.78	Rp 5,333,273.74
	- Concrete Brick Formwork	18.00	m2	Rp 43,680.00	Rp 82,062.50	Rp 125,742.50	Rp 786,240.00	Rp 1,477,125.00	Rp 2,263,365.00
6	Concrete Tie Beam TB1 (250X400 mm)								
	- Concrete fc' 25 Mpa	16.97	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 3,214,938.07	Rp 18,650,734.46	Rp 21,865,672.54
	- Longitudinal Steel Reinforcement Dia.16 mm	3,213.82	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 9,509,687.23	Rp 41,894,375.63	Rp 51,404,062.85
	- Torque Steel Reinforcement Dia.13 mm	353.70	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,046,587.88	Rp 4,610,682.24	Rp 5,657,270.12
	- Transversal Steel Reinforcement Ø.10 mm	977.36	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,892,010.92	Rp 12,740,586.42	Rp 15,632,597.34
	- Plywood Formwork	135.78	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 10,230,450.05	Rp 12,740,061.97	Rp 22,970,512.02
7	Concrete Tie Beam TB2 (200X350 mm)								
	- Concrete fc' 25 Mpa	3.80	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 720,406.02	Rp 4,179,272.23	Rp 4,899,678.25
	- Longitudinal Steel Reinforcement Dia.16 mm	514.40	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,522,099.07	Rp 6,705,519.17	Rp 8,227,618.24
	- Torque Steel Reinforcement Dia.13 mm	113.22	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 335,028.99	Rp 1,475,950.78	Rp 1,810,979.76
	- Transversal Steel Reinforcement Ø.8 mm	171.68	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 508,009.41	Rp 2,238,005.98	Rp 2,746,015.38
	- Plywood Formwork	38.03	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 2,865,559.79	Rp 3,568,504.72	Rp 6,434,064.51
8	Concrete Tie Beam TB3 (200X300 mm)								
	- Concrete fc' 25 Mpa	4.15	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 786,610.41	Rp 4,563,341.97	Rp 5,349,952.38
	- Longitudinal Steel Reinforcement Dia.10 mm	432.70	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,280,362.02	Rp 5,640,560.64	Rp 6,920,922.67
	- Transversal Steel Reinforcement Ø.8 mm	200.48	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 593,215.29	Rp 2,613,375.56	Rp 3,206,590.85
	- Plywood Formwork	41.53	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 3,128,901.05	Rp 3,896,445.72	Rp 7,025,346.76
9	Concrete Tie Beam TB4 (150X200 mm)								
	- Concrete fc' 25 Mpa	2.21	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 418,252.61	Rp 2,426,397.70	Rp 2,844,650.30
	- Longitudinal Steel Reinforcement Dia.10 mm	181.64	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 537,486.96	Rp 2,367,867.65	Rp 2,905,354.61
	- Transversal Steel Reinforcement Ø.8 mm	155.05	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 458,794.92	Rp 2,021,194.43	Rp 2,479,989.35
	- Plywood Formwork	29.44	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 2,218,245.12	Rp 2,762,398.54	Rp 4,980,643.66
10	Ground Floor Plate Work, T = 8 cm								
	- Lean Concrete	16.23	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 3,075,179.57	Rp 16,504,531.90	Rp 19,579,711.47
	- Concrete fc' 25 Mpa	43.29	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 8,200,478.85	Rp 47,573,698.03	Rp 55,773,698.03
	- Wiremesh M6 1 Layer Reinforcement	541.14	m2	Rp 32,597.50	Rp 57,689.62	Rp 90,287.12	Rp 17,639,811.15	Rp 31,218,161.41	Rp 48,857,972.56
11	Concrete Columns K1 (300X500 mm)								
	- Concrete fc' 25 Mpa	16.95	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 3,210,202.42	Rp 18,623,261.66	Rp 21,833,464.09
	- Longitudinal Steel Reinforcement Dia.16 mm	2,495.95	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 7,385,528.36	Rp 32,532,045.92	Rp 39,922,045.28
	- Transversal Steel Reinforcement Ø.10 mm	1,185.05	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 3,506,554.72	Rp 15,447,923.50	Rp 18,954,478.22
	- Plywood Formwork	180.77	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 13,620,507.26	Rp 16,961,727.57	Rp 30,582,234.83
12	Concrete Columns K2 (400X400 mm)								
	- Concrete fc' 25 Mpa	3.44	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 652,231.60	Rp 3,783,773.80	Rp 4,436,005.40
	- Longitudinal Steel Reinforcement Dia.16 mm	543.34	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,607,734.06	Rp 7,082,779.19	Rp 8,690,513.26
	- Transversal Steel Reinforcement Ø.10 mm	225.72	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 667,915.19	Rp 2,942,461.62	Rp 3,610,376.80
	- Plywood Formwork	34.43	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 2,594,382.34	Rp 3,230,805.25	Rp 5,825,187.59
13	Concrete Columns K3 (250X400 mm)								
	- Concrete fc' 25 Mpa	1.61	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 305,733.56	Rp 1,773,643.97	Rp 2,079,377.53
	- Longitudinal Steel Reinforcement Dia.16 mm	305.63	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 904,350.41	Rp 3,984,063.30	Rp 4,888,413.71
	- Transversal Steel Reinforcement Ø.10 mm	139.42	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 412,535.85	Rp 1,817,402.76	Rp 2,229,938.61
	- Plywood Formwork	20.98	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 1,580,951.74	Rp 1,968,771.95	Rp 3,549,723.69
14	Concrete Columns K4 Ø.400 mm								
	- Concrete fc' 25 Mpa	1.72	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 326,115.80	Rp 1,891,886.90	Rp 2,218,002.70
	- Longitudinal Steel Reinforcement Dia.16 mm	203.75	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 602,900.27	Rp 2,656,042.20	Rp 3,258,942.47
	- Transversal Steel Reinforcement Ø.10 mm	112.86	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 333,957.59	Rp 1,471,230.81	Rp 1,805,188.40
	- Plywood Formwork	17.22	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 1,297,191.17	Rp 1,615,402.63	Rp 2,912,593.79
15	Concrete Columns K5 (250X250 mm)								
	- Concrete fc' 25 Mpa	1.35	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 254,777.97	Rp 1,478,036.64	Rp 1,732,814.61
	- Longitudinal Steel Reinforcement Dia.13 mm	89.70	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 265,408.57	Rp 1,169,242.07	Rp 1,434,650.64
	- Transversal Steel Reinforcement Ø.8 mm	93.50	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 276,679.52	Rp 1,218,895.58	Rp 1,495,575.10
	- Plywood Formwork	21.52	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 1,621,488.96	Rp 2,019,253.28	Rp 3,640,742.24
16	Concrete Columns K6 (200X400 mm)								
	- Concrete fc' 25 Mpa	4.30	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 815,289.50	Rp 4,729,717.25	Rp 5,545,006.75
	- Longitudinal Steel Reinforcement Dia.13 mm	560.60	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,658,803.56	Rp 7,307,762.91	Rp 8,966,566.48
	- Transversal Steel Reinforcement Ø.8 mm	276.26	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 817,462.22	Rp 3,601,282.39	Rp 4,418,744.61
	- Plywood Formwork	64.56	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 4,864,466.88	Rp 6,057,759.85	Rp 10,922,226.73

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)				
1	2	3	4	5	6	7	8	9	10				
17	Concrete Columns K7 (300X700 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	1.13 152.81 69.71 10.76	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 15,994.70 169,179.47	Rp Rp Rp Rp	214,013.49 452,175.21 206,267.92 810,744.48	Rp Rp Rp Rp	1,241,550.78 1,992,031.65 908,701.38 1,009,626.64	Rp Rp Rp Rp	1,455,564.27 2,444,206.85 1,114,969.31 1,820,371.12
18	Concrete Columns K8 (150X500 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	0.40 84.90 46.47 6.99	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 15,994.70 169,179.47	Rp Rp Rp Rp	76,433.39 251,208.45 137,511.95 526,983.91	Rp Rp Rp Rp	443,410.99 1,106,684.25 605,800.92 656,257.32	Rp Rp Rp Rp	519,844.38 1,357,892.70 743,312.87 1,183,241.23
19	Concrete Stairs (Ground Floor - Fisrt Floor) - Concrete fc' 25 Mpa - Steel Reinforcement Dia.13 mm, Dia.10 mm & Ø.8 mm - Plywood Formwork	4.53 498.22 28.05	m3 kg m2	Rp Rp Rp	189,426.00 2,959.00 75,348.00	Rp Rp Rp	1,098,912.00 13,035.70 15,994.70	Rp Rp Rp	1,288,338.00 15,994.70 169,179.47	Rp Rp Rp	857,957.71 1,474,225.58 2,113,511.40	Rp Rp Rp	4,977,247.18 7,968,840.90 4,745,484.20
Total Work B							Rp	247,269,450.28	Rp	615,604,292.55	Rp	862,873,742.83	
Total Ground Floor Structure Work (Il.1) A+B							Rp	326,193,050.14	Rp	810,488,064.26	Rp	1,136,681,114.39	
II.2	FIRST FLOOR STRUCTURAL WORKS												
II.2.A	CONCRETE WORK												
1	Concrete Beam B1 (300x600 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Torque Steel Reinforcement Dia.13 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	5.88 1,030.43 136.09 382.76 48.98	m3 kg kg kg m2	Rp Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 15,994.70 169,179.47	Rp Rp Rp Rp Rp	1,113,256.60 3,049,054.21 402,676.11 1,132,574.86 3,690,168.30	Rp Rp Rp Rp Rp	6,458,305.82 13,432,431.50 1,773,966.24 4,989,492.85 4,595,564.65	Rp Rp Rp Rp Rp	7,571,562.43 16,481,485.70 2,176,642.35 6,122,067.71 8,285,564.65
2	Concrete Beam B2 (250x550 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Torque Steel Reinforcement Dia.13 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	17.76 3,261.03 269.17 1,354.76 174.37	m3 kg kg kg m2	Rp Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 15,994.70 169,179.47	Rp Rp Rp Rp Rp	3,364,111.05 9,649,392.74 796,472.37 4,008,732.59 13,138,129.37	Rp Rp Rp Rp Rp	19,516,127.66 42,509,840.18 3,508,812.85 17,660,238.97 16,361,018.49	Rp Rp Rp Rp Rp	22,880,238.71 52,159,232.92 4,305,285.23 21,668,971.56 29,499,147.85
3	Concrete Beam B3 (200x500 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Torque Steel Reinforcement Dia.13 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	3.58 564.45 74.54 331.05 42.92	m3 kg kg kg m2	Rp Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 15,994.70 169,179.47	Rp Rp Rp Rp Rp	677,576.80 1,670,209.33 220,577.71 979,580.94 3,234,237.55	Rp Rp Rp Rp Rp	3,930,808.22 7,358,010.33 971,742.30 4,315,487.05 4,027,622.11	Rp Rp Rp Rp Rp	4,608,385.03 9,028,219.66 1,192,320.01 5,295,067.99 7,261,859.67
4	Concrete Beam B4 (200x400 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	6.18 975.20 396.68 77.25	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 169,179.47	Rp Rp Rp Rp	1,170,652.68 2,885,628.64 1,173,772.42 5,820,633.00	Rp Rp Rp Rp	6,791,276.16 12,712,469.63 5,170,986.34 7,248,481.23	Rp Rp Rp Rp	7,961,928.84 15,598,098.26 6,344,758.76 13,069,114.23
5	Concrete Beam B5 (200x300 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	3.18 501.05 229.94 42.34	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 169,179.47	Rp Rp Rp Rp	601,465.44 1,482,596.77 680,384.77 3,189,932.93	Rp Rp Rp Rp	3,489,265.38 6,531,494.10 2,997,395.64 3,972,449.21	Rp Rp Rp Rp	4,090,730.82 8,014,090.87 3,677,780.40 7,162,382.14
6	First Floor Plate Work, T = 12 cm - Concrete fc' 25 Mpa - Steel Reinforcement Ø.10 - 175 mm (2 lapis) - Plywood Formwork	44.04 5,175.18 403.66	m3 kg m2	Rp Rp Rp	189,426.00 2,959.00 75,348.00	Rp Rp Rp	1,098,912.00 13,035.70 169,179.47	Rp Rp Rp	8,341,411.80 15,313,370.81 30,414,672.29	Rp Rp Rp	48,390,809.70 67,462,167.11 37,875,636.75	Rp Rp Rp	56,732,221.50 82,775,537.92 68,290,309.04
7	Concrete Columns K1 (300X500 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	10.69 1,574.06 747.34 114.00	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 15,994.70 169,179.47	Rp Rp Rp Rp	2,024,490.38 4,657,628.75 2,211,382.76 8,589,672.00	Rp Rp Rp Rp	11,744,622.00 20,518,913.35 9,742,118.51 10,696,787.83	Rp Rp Rp Rp	13,769,112.38 25,176,542.10 11,953,501.27 19,286,459.83
8	Concrete Columns K2 (400X400 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.10 mm	2.40 378.72 157.34	m3 kg kg	Rp Rp Rp	189,426.00 2,959.00 2,959.00	Rp Rp Rp	1,098,912.00 13,035.70 15,994.70	Rp Rp Rp	454,622.40 1,120,632.48 465,554.27	Rp Rp Rp	2,637,388.80 4,936,881.41 2,050,972.32	Rp Rp Rp	3,092,011.20 6,057,513.89 2,516,526.58

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
9	- Plywood Formwork Concrete Columns K3 (250X400 mm)	24.00	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 1,808,352.00	Rp 2,251,955.33	Rp 4,060,307.33
	- Concrete fc' 25 Mpa	0.38	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 71,034.75	Rp 412,092.00	Rp 483,126.75
	- Longitudinal Steel Reinforcement Dia.16 mm	71.01	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 210,118.59	Rp 925,665.26	Rp 1,135,783.85
	- Transversal Steel Reinforcement Ø.10 mm	32.39	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 95,849.41	Rp 422,259.01	Rp 518,108.41
	- Plywood Formwork	4.88	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 367,321.50	Rp 457,428.43	Rp 824,749.93
10	Concrete Columns K4 Ø.400 mm								
	- Concrete fc' 25 Mpa	1.20	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 227,311.20	Rp 1,318,694.40	Rp 1,546,005.60
	- Longitudinal Steel Reinforcement Dia.16 mm	142.02	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 420,237.18	Rp 1,851,330.53	Rp 2,271,567.71
	- Transversal Steel Reinforcement Ø.10 mm	78.67	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 232,777.13	Rp 1,258,486.16	Rp 1,258,263.29
	- Plywood Formwork	12.00	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 904,176.00	Rp 1,125,977.67	Rp 2,030,153.67
11	Concrete Columns K7 (300X700 mm)								
	- Concrete fc' 25 Mpa	0.79	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 149,172.98	Rp 865,393.20	Rp 1,014,566.18
	- Longitudinal Steel Reinforcement Dia.16 mm	106.52	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 315,177.89	Rp 1,388,497.90	Rp 1,703,675.78
	- Transversal Steel Reinforcement Ø.10 mm	48.59	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 143,774.11	Rp 633,388.51	Rp 777,162.62
	- Plywood Formwork	7.50	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 565,110.00	Rp 703,736.04	Rp 1,268,846.04
12	Concrete Stairs (First Floor - Second Floor)								
	- Concrete fc' 25 Mpa	4.53	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 857,957.71	Rp 4,977,247.18	Rp 5,835,204.89
	- Steel Reinforcement Dia.13 mm, Dia.10 mm & Ø.8 mm	498.22	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,474,225.58	Rp 6,494,615.32	Rp 7,968,840.90
	- Plywood Formwork	28.05	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 2,113,511.40	Rp 2,631,972.80	Rp 4,745,484.20
Total Work A							Rp 147,681,362.50	Rp 443,865,156.13	Rp 591,546,518.63
Total First Floor Structure Work (II.2) A							Rp 147,681,362.50	Rp 443,865,156.13	Rp 591,546,518.63
II.3	SECOND FLOOR STRUCTURAL WORKS								
II.3.A	CONCRETE WORK								
1	Concrete Beam B1 (300x600 mm)								
	- Concrete fc' 25 Mpa	4.43	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 838,778.33	Rp 4,865,982.34	Rp 5,704,760.66
	- Longitudinal Steel Reinforcement Dia.16 mm	776.38	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,297,296.58	Rp 10,120,606.89	Rp 12,417,903.47
	- Torque Steel Reinforcement Dia.13 mm	102.53	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 303,394.56	Rp 1,336,587.12	Rp 1,639,981.68
	- Transversal Steel Reinforcement Ø.10 mm	288.39	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 853,333.58	Rp 3,759,311.61	Rp 4,612,645.20
	- Plywood Formwork	36.90	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 2,780,341.20	Rp 3,462,381.33	Rp 6,242,722.53
2	Concrete Beam B2 (250x550 mm)								
	- Concrete fc' 25 Mpa	23.61	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 4,473,152.92	Rp 25,949,982.70	Rp 30,423,135.62
	- Longitudinal Steel Reinforcement Dia.16 mm	4,336.09	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 12,830,494.81	Rp 56,524,000.87	Rp 69,354,495.67
	- Torque Steel Reinforcement Dia.13 mm	357.91	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,059,044.33	Rp 4,665,558.37	Rp 5,724,602.70
	- Transversal Steel Reinforcement Ø.10 mm	1,801.38	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 5,330,285.96	Rp 23,482,265.73	Rp 28,812,551.69
	- Plywood Formwork	231.85	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 17,469,358.45	Rp 21,754,733.00	Rp 39,224,091.46
3	Concrete Beam B3 (200x500 mm)								
	- Concrete fc' 25 Mpa	4.88	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 923,451.75	Rp 5,357,196.00	Rp 6,280,647.75
	- Longitudinal Steel Reinforcement Dia.16 mm	769.28	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,276,284.73	Rp 10,028,040.36	Rp 12,304,325.08
	- Torque Steel Reinforcement Dia.13 mm	101.60	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 300,619.61	Rp 1,324,362.24	Rp 1,624,981.84
	- Transversal Steel Reinforcement Ø.10 mm	451.18	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,335,045.32	Rp 5,881,464.74	Rp 7,216,510.05
	- Plywood Formwork	58.50	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 4,407,858.00	Rp 5,489,141.13	Rp 9,896,999.13
4	Concrete Beam B4 (200x400 mm)								
	- Concrete fc' 25 Mpa	10.99	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 2,082,473.67	Rp 12,080,998.96	Rp 14,163,472.64
	- Longitudinal Steel Reinforcement Dia.16 mm	1,734.79	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 5,133,243.85	Rp 22,614,208.10	Rp 27,747,451.95
	- Transversal Steel Reinforcement Ø.8 mm	705.65	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,088,023.38	Rp 9,198,665.92	Rp 11,286,689.30
	- Plywood Formwork	137.42	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 10,354,322.16	Rp 12,894,320.91	Rp 23,248,643.07
5	Concrete Beam B5 (200x300 mm)								
	- Concrete fc' 25 Mpa	1.68	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 318,065.20	Rp 1,845,183.14	Rp 2,163,248.34
	- Longitudinal Steel Reinforcement Dia.16 mm	264.96	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 784,022.50	Rp 3,453,965.65	Rp 4,237,988.15
	- Transversal Steel Reinforcement Ø.8 mm	121.59	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 359,799.09	Rp 1,585,074.01	Rp 1,944,873.10
	- Plywood Formwork	22.39	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 1,686,891.02	Rp 2,100,699.00	Rp 3,787,590.02
6	Concrete Beam B6 (150x400 mm)								
	- Concrete fc' 25 Mpa	0.75	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 141,728.53	Rp 822,205.96	Rp 963,934.49
	- Longitudinal Steel Reinforcement Dia.13 mm	77.96	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 230,690.86	Rp 1,016,295.21	Rp 1,246,986.07
	- Transversal Steel Reinforcement Ø.8 mm	54.18	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 160,324.98	Rp 706,302.41	Rp 866,627.39
	- Plywood Formwork	9.98	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 751,671.65	Rp 936,062.77	Rp 1,687,734.41
7	Second Floor Plate Work, T = 12 cm								
	- Concrete fc' 25 Mpa	48.06	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 9,103,358.94	Rp 52,811,073.33	Rp 61,914,432.27

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)						
1	2	3	4	5	6	7	8	9	10						
8	- Steel Reinforcement Ø.10 - 175 mm (2 lapis) - Plywood Formwork Concrete Columns K8 (150X500 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	5,647.91 440.53 1.35 284.04 155.48 23.40	kg m2 m3 kg kg m2	Rp Rp Rp Rp Rp Rp	2,959.00 75,348.00 189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp Rp Rp	13,035.70 93,831.47 1,098,912.00 13,035.70 15,994.70 13,035.70 93,831.47	Rp Rp Rp Rp Rp Rp	15,994.70 169,179.47 1,288,338.00 15,994.70 15,994.70 169,179.47	Rp Rp Rp Rp Rp Rp	16,712,172.28 33,192,903.74 255,725.10 840,474.36 460,077.16 1,763,143.20	Rp Rp Rp Rp Rp Rp	73,624,505.90 41,335,390.80 1,483,531.20 3,702,661.06 2,026,843.23 2,195,656.45	Rp Rp Rp Rp Rp Rp	90,336,678.18 74,528,294.54 1,739,256.30 4,543,135.42 2,486,920.39 3,958,799.65
Total Work A							Rp	143,897,851.79	Rp	430,435,258.42	Rp	574,333,110.21			
Total Second Floor Structure Work (II.3) A							Rp	143,897,851.79	Rp	430,435,258.42	Rp	574,333,110.21			
II.4 II.4.A 1	ROOF FLOOR STRUCTURE WORK CONCRETE WORK Concrete Beam RB1 (200x400 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	5.57 879.26 357.65 69.65	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 93,831.47	Rp Rp Rp Rp	1,288,338.00 15,994.70 15,994.70 169,179.47	Rp Rp Rp Rp	1,055,481.67 2,601,735.07 1,058,294.49 5,247,988.20	Rp Rp Rp Rp	6,123,137.66 11,461,793.00 4,662,255.00 6,535,362.04	Rp Rp Rp Rp	7,178,619.34 14,063,528.08 5,720,549.48 11,783,350.24
2	Concrete Beam RB2 (200x500 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.16 mm - Torque Steel Reinforcement Dia.13 mm - Transversal Steel Reinforcement Ø.10 mm - Plywood Formwork	0.75 118.35 15.63 69.41 9.00	m3 kg kg kg m2	Rp Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 13,035.70 93,831.47	Rp Rp Rp Rp Rp	1,288,338.00 15,994.70 15,994.70 15,994.70 169,179.47	Rp Rp Rp Rp Rp	142,069.50 350,197.65 46,249.17 205,391.59 678,132.00	Rp Rp Rp Rp Rp	824,184.00 1,542,775.44 203,748.04 904,840.73 844,483.25	Rp Rp Rp Rp Rp	966,253.50 1,892,973.09 249,997.21 1,110,232.32 1,522,615.25
3	Concrete Beam RB3 (200x300 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Dia.13 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	2.71 451.39 256.67 46.93	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 93,831.47	Rp Rp Rp Rp	1,288,338.00 15,994.70 15,994.70 169,179.47	Rp Rp Rp Rp	512,870.90 1,335,676.03 759,489.49 3,536,081.64	Rp Rp Rp Rp	2,975,304.24 5,884,243.30 3,345,886.90 4,403,510.99	Rp Rp Rp Rp	3,488,175.14 7,219,919.33 4,105,376.39 7,939,592.63
4	Concrete Beam RB4 (150x200 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Ø.10 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	4.70 309.59 297.29 81.54	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 93,831.47	Rp Rp Rp Rp	1,288,338.00 15,994.70 15,994.70 169,179.47	Rp Rp Rp Rp	891,059.90 916,064.74 879,689.40 6,143,574.53	Rp Rp Rp Rp	5,169,282.05 4,035,670.08 3,875,420.62 7,650,642.92	Rp Rp Rp Rp	6,060,341.95 4,951,734.82 4,755,110.01 13,794,217.45
5	Roof Floor Plate Work, T = 10 cm - Concrete fc' 25 Mpa - Steel Reinforcement Ø.8 - 150 mm (2 lapis) - Plywood Formwork	12.98 1,367.23 142.78	m3 kg m2	Rp Rp Rp	189,426.00 2,959.00 75,348.00	Rp Rp Rp	1,098,912.00 13,035.70 93,831.47	Rp Rp Rp	1,288,338.00 15,994.70 169,179.47	Rp Rp Rp	2,458,749.48 4,045,623.71 10,758,187.44	Rp Rp Rp	14,263,877.76 17,822,760.64 13,397,257.60	Rp Rp Rp	16,722,627.24 21,868,384.35 24,155,445.04
6	Concrete Columns K9 (150X150 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Ø.10 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	0.88 96.25 71.89 23.40	m3 kg kg m2	Rp Rp Rp Rp	189,426.00 2,959.00 2,959.00 75,348.00	Rp Rp Rp Rp	1,098,912.00 13,035.70 13,035.70 93,831.47	Rp Rp Rp Rp	1,288,338.00 15,994.70 15,994.70 169,179.47	Rp Rp Rp Rp	166,221.32 284,809.67 212,722.51 1,763,143.20	Rp Rp Rp Rp	964,295.28 1,254,712.48 937,136.68 2,195,656.45	Rp Rp Rp Rp	1,130,516.60 1,539,522.14 1,149,859.19 3,958,799.65
Total Work A							Rp	46,049,503.28	Rp	121,278,237.15	Rp	167,327,740.43			
Total Roof Floor Structure Work (II.4) A							Rp	46,049,503.28	Rp	121,278,237.15	Rp	167,327,740.43			
Total Structure Work (II.1+II.2+II.3+II.4)							Rp	663,821,767.71	Rp	1,806,066,715.96	Rp	2,469,888,483.66			



ARCHITECTURE WORK

BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023
 SUBJECT : ARCHITECTURE

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
III	ARCHITECTURE WORK								
III.1	GROUND FLOOR ARCHITECTURE WORK								
III.1.A	WALL FINISHES								
1	Red Brick Wall	801.27	m2	Rp 43,920.00	Rp 104,772.00	Rp 148,692.00	Rp 35,191,778.40	Rp 83,950,660.44	Rp 119,142,438.84
2	Rendered Concrete Plaster	1,602.54	m2	Rp 41,080.00	Rp 21,075.60	Rp 62,155.60	Rp 65,832,343.20	Rp 33,774,492.02	Rp 99,606,835.22
3	Smooth Plaster to Wall	1,371.84	m2	Rp 39,780.00	Rp 5,809.38	Rp 45,589.38	Rp 54,571,954.32	Rp 7,969,556.24	Rp 62,541,510.56
4	Exterior Wall Travertino Marble	152.13	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 43,908,127.38	Rp 255,549,287.05	Rp 299,457,414.43
5	Exterior Wall Andesit Natural Stone + Coating Natural	8.70	m2	Rp 178,800.00	Rp 185,040.00	Rp 363,840.00	Rp 1,555,560.00	Rp 1,609,848.00	Rp 3,165,408.00
6	Marble Sevilla Grigio to Wall Bathroom	25.53	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 7,368,723.90	Rp 42,886,641.98	Rp 50,255,365.88
7	Mozaic Tile to Wall Bathroom 22.4x22.4 cm	44.34	m2	Rp 71,340.00	Rp 379,340.00	Rp 450,680.00	Rp 3,163,215.60	Rp 16,819,935.60	Rp 19,983,151.20
8	Decorative Wall Moulding	96.00	m	Rp 150,000.00	Rp 200,000.00	Rp 350,000.00	Rp 14,400,000.00	Rp 19,200,000.00	Rp 33,600,000.00
9	GRC Concrete Corbel + High Profile List Pole 4 m	14.00	unit	Rp 250,000.00	Rp 2,000,000.00	Rp 2,250,000.00	Rp 3,500,000.00	Rp 28,000,000.00	Rp 31,500,000.00
10	GRC Concrete Classic Round Pillars + Classical Ornaments	30.00	m	Rp 291,666.67	Rp 833,333.33	Rp 1,125,000.00	Rp 8,750,000.00	Rp 25,000,000.00	Rp 33,750,000.00
Total Work A							Rp 238,241,702.80	Rp 514,760,421.34	Rp 753,002,124.14
III.1.B	FLOOR FINISHES								
1	White Carara Marble Polished	322.42	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 93,060,084.60	Rp 541,618,139.78	Rp 634,678,224.38
2	White Carara Marble Unpolished	20.62	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 5,951,550.60	Rp 34,638,564.74	Rp 40,590,115.34
3	White Carara Marble Combine with Black Marble	104.84	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 30,259,969.20	Rp 176,115,767.55	Rp 206,375,736.75
4	Granite Tiles Matt 60x60 cm	37.22	m2	Rp 71,340.00	Rp 379,340.00	Rp 450,680.00	Rp 2,655,274.80	Rp 14,119,034.80	Rp 16,774,309.60
5	Mozaic Tile 22.4x22.4 cm	6.73	m2	Rp 71,340.00	Rp 379,340.00	Rp 450,680.00	Rp 480,118.20	Rp 2,552,958.20	Rp 3,033,076.40
6	Andesit Natural Stone 20x40x5cm	56.20	m2	Rp 94,500.00	Rp 493,740.00	Rp 588,240.00	Rp 5,310,900.00	Rp 27,748,188.00	Rp 33,059,088.00
7	Pavers Block Natural	55.67	m2	Rp 101,752.48	Rp 89,058.75	Rp 190,811.23	Rp 5,664,560.28	Rp 4,957,900.61	Rp 10,622,460.90
8	Composite Wood	14.17	m2	Rp 214,920.00	Rp 499,449.00	Rp 714,369.00	Rp 3,044,986.56	Rp 7,076,193.43	Rp 10,121,179.99
9	White Carara Marble Combine with Black Marble to Stairs	20.75	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 5,989,072.50	Rp 34,856,945.60	Rp 40,846,018.10
Total Work B							Rp 152,416,516.74	Rp 843,683,692.71	Rp 996,100,209.45
III.1.C	CEILING FINISHES								
1	9 mm Gypsumboard Ceiling with Hollow Structure	434.07	m2	Rp 45,532.50	Rp 67,203.50	Rp 112,736.00	Rp 19,764,064.61	Rp 29,170,687.23	Rp 48,934,751.84
2	Drop Ceiling	126.20	m	Rp 15,000.00	Rp 45,000.00	Rp 60,000.00	Rp 1,893,000.00	Rp 5,679,000.00	Rp 7,572,000.00
3	Up Ceiling	24.75	m	Rp 15,000.00	Rp 45,000.00	Rp 60,000.00	Rp 371,250.00	Rp 1,113,750.00	Rp 1,485,000.00
4	Gypsum List Ceiling	189.30	m	Rp 19,532.50	Rp 16,921.71	Rp 36,454.21	Rp 3,697,502.25	Rp 3,203,279.70	Rp 6,900,781.95
5	Shadowline Ceiling	249.00	m	Rp 19,532.50	Rp 15,804.23	Rp 35,336.73	Rp 4,863,592.50	Rp 3,935,253.27	Rp 8,798,845.77
Total Work C							Rp 30,589,409.36	Rp 43,101,970.20	Rp 73,691,379.56
III.1.D	DOORS AND WINDOWS								
1	Wood Door & Window DW1 (1 Unit)	1.00	unit	Rp 1,550,000.00	Rp 13,562,500.00	Rp 15,112,500.00	Rp 1,550,000.00	Rp 13,562,500.00	Rp 15,112,500.00
2	Wood Door & Window DW2 (1 Unit)	1.00	unit	Rp 1,550,000.00	Rp 13,562,500.00	Rp 15,112,500.00	Rp 1,550,000.00	Rp 13,562,500.00	Rp 15,112,500.00
3	Aluminium Door & Window DW3 (1 Unit)	1.00	unit	Rp 1,470,000.00	Rp 17,640,000.00	Rp 19,110,000.00	Rp 1,470,000.00	Rp 17,640,000.00	Rp 19,110,000.00
4	Aluminium Door & Window DW4 (1 Unit)	1.00	unit	Rp 1,120,000.00	Rp 13,440,000.00	Rp 14,560,000.00	Rp 1,120,000.00	Rp 13,440,000.00	Rp 14,560,000.00
5	Door & Window DW7 (1 Unit)	1.00	unit	Rp 8,052,000.00	Rp 90,585,000.00	Rp 98,637,000.00	Rp 8,052,000.00	Rp 90,585,000.00	Rp 98,637,000.00
6	Wood Swing Door D1 (4 Unit)	4.00	unit	Rp 900,000.00	Rp 7,875,000.00	Rp 8,775,000.00	Rp 3,600,000.00	Rp 31,500,000.00	Rp 35,100,000.00
7	Wood Swing Door D2 (3 Unit)	3.00	unit	Rp 900,000.00	Rp 7,875,000.00	Rp 8,775,000.00	Rp 2,700,000.00	Rp 23,625,000.00	Rp 26,325,000.00
8	Aluminium Swing Door D3 (1 Unit)	1.00	unit	Rp 560,000.00	Rp 6,720,000.00	Rp 7,280,000.00	Rp 560,000.00	Rp 6,720,000.00	Rp 7,280,000.00
9	Iron Swing Door D4 (1 Unit)	1.00	unit	Rp 1,075,620.00	Rp 6,453,720.00	Rp 7,529,340.00	Rp 1,075,620.00	Rp 6,453,720.00	Rp 7,529,340.00
10	Aluminium Sliding Door SD1 (1 Unit)	1.00	unit	Rp 2,038,400.00	Rp 23,296,000.00	Rp 25,334,400.00	Rp 2,038,400.00	Rp 23,296,000.00	Rp 25,334,400.00
11	Aluminium Sliding Door SD2 (1 Unit)	1.00	unit	Rp 1,724,800.00	Rp 19,712,000.00	Rp 21,436,800.00	Rp 1,724,800.00	Rp 19,712,000.00	Rp 21,436,800.00
12	Aluminium Sliding Door SD3 (1 Unit)	1.00	unit	Rp 2,508,800.00	Rp 28,672,000.00	Rp 31,180,800.00	Rp 2,508,800.00	Rp 28,672,000.00	Rp 31,180,800.00
13	Wood Sliding Door SD4 (1 Unit)	1.00	unit	Rp 967,500.00	Rp 8,325,000.00	Rp 9,292,500.00	Rp 967,500.00	Rp 8,325,000.00	Rp 9,292,500.00
14	Aluminium Sliding Door SD5 (1 Unit)	1.00	unit	Rp 1,842,400.00	Rp 21,056,000.00	Rp 22,898,400.00	Rp 1,842,400.00	Rp 21,056,000.00	Rp 22,898,400.00

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
15	Iron Sliding Door SD7 (1 Unit)	1.00	unit	Rp 4,263,000.00	Rp 25,578,000.00	Rp 29,841,000.00	Rp 4,263,000.00	Rp 25,578,000.00	Rp 29,841,000.00
16	Aluminium Folding Door FD1 (1 Unit)	1.00	unit	Rp 2,436,000.00	Rp 27,840,000.00	Rp 30,276,000.00	Rp 2,436,000.00	Rp 27,840,000.00	Rp 30,276,000.00
17	Aluminium Folding Door FD2 (1 Unit)	1.00	unit	Rp 4,704,000.00	Rp 53,760,000.00	Rp 58,464,000.00	Rp 4,704,000.00	Rp 53,760,000.00	Rp 58,464,000.00
18	Aluminium Folding Door FD3 (1 Unit)	1.00	unit	Rp 4,390,400.00	Rp 50,176,000.00	Rp 54,566,400.00	Rp 4,390,400.00	Rp 50,176,000.00	Rp 54,566,400.00
19	Aluminium Swing Window W1 (2 Unit)	2.00	unit	Rp 428,125.00	Rp 5,343,000.00	Rp 5,771,125.00	Rp 856,250.00	Rp 10,686,000.00	Rp 11,542,250.00
20	Aluminium Swing Window W2 (1 Unit)	1.00	unit	Rp 2,450,000.00	Rp 29,400,000.00	Rp 31,850,000.00	Rp 2,450,000.00	Rp 29,400,000.00	Rp 31,850,000.00
21	Aluminium Window W3 (2 Unit)	2.00	unit	Rp 392,000.00	Rp 4,900,000.00	Rp 5,292,000.00	Rp 784,000.00	Rp 9,800,000.00	Rp 10,584,000.00
22	Aluminium Swing Window W4 (1 Unit)	1.00	unit	Rp 411,000.00	Rp 4,932,000.00	Rp 5,343,000.00	Rp 411,000.00	Rp 4,932,000.00	Rp 5,343,000.00
23	Aluminium Swing Window W5 (2 Unit)	2.00	unit	Rp 735,000.00	Rp 8,820,000.00	Rp 9,555,000.00	Rp 1,470,000.00	Rp 17,640,000.00	Rp 19,110,000.00
24	Aluminium Swing Window W6 (1 Unit)	1.00	unit	Rp 582,500.00	Rp 6,990,000.00	Rp 7,572,500.00	Rp 582,500.00	Rp 6,990,000.00	Rp 7,572,500.00
25	Aluminium Swing Window W7 (2 Unit)	2.00	unit	Rp 350,000.00	Rp 4,200,000.00	Rp 4,550,000.00	Rp 700,000.00	Rp 8,400,000.00	Rp 9,100,000.00
26	Aluminium Swing Window W8 (1 Unit)	1.00	unit	Rp 1,645,000.00	Rp 19,782,000.00	Rp 21,427,000.00	Rp 1,645,000.00	Rp 19,782,000.00	Rp 21,427,000.00
27	Aluminium & Iron Trellis Window W15 (1 Unit)	1.00	unit	Rp 7,800,000.00	Rp 87,750,000.00	Rp 95,550,000.00	Rp 7,800,000.00	Rp 87,750,000.00	Rp 95,550,000.00
28	Aluminium & Iron Trellis Window W16 (3 Unit)	3.00	unit	Rp 3,380,000.00	Rp 38,025,000.00	Rp 41,405,000.00	Rp 10,140,000.00	Rp 114,075,000.00	Rp 124,215,000.00
29	Aluminium & Iron Trellis Window W17 (2 Unit)	2.00	unit	Rp 2,730,000.00	Rp 30,712,500.00	Rp 33,442,500.00	Rp 5,460,000.00	Rp 61,425,000.00	Rp 66,885,000.00
30	Glass Window W18 (1 Unit)	1.00	unit	Rp 126,000.00	Rp 546,000.00	Rp 672,000.00	Rp 126,000.00	Rp 546,000.00	Rp 672,000.00
31	Glass Window W19 (1 Unit)	1.00	unit	Rp 54,000.00	Rp 234,000.00	Rp 288,000.00	Rp 54,000.00	Rp 234,000.00	Rp 288,000.00
32	Glass Door GD1 (1 Unit)	1.00	unit	Rp 790,650.00	Rp 9,487,800.00	Rp 10,278,450.00	Rp 790,650.00	Rp 9,487,800.00	Rp 10,278,450.00
33	Decorative Stair Railing - Iron Railing Classic	9.00	m	Rp 300,000.00	Rp 1,800,000.00	Rp 2,100,000.00	Rp 2,700,000.00	Rp 16,200,000.00	Rp 18,900,000.00
Total Work D							Rp 82,522,320.00	Rp 872,851,520.00	Rp 955,373,840.00
III.1.E	WALL AND CEILING PAINT								
1	Paint Wall for Interior	894.68	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 21,174,521.03	Rp 31,648,671.65	Rp 52,823,192.68
2	Paint Wall for Exterior	383.43	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 9,074,794.73	Rp 17,451,739.21	Rp 26,526,533.94
3	Waterproofing Wall Paint	93.73	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 2,218,321.97	Rp 4,266,055.34	Rp 6,484,377.31
4	Paint Ceiling	434.07	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 10,273,081.46	Rp 15,354,745.53	Rp 25,627,826.99
5	Waterproofing Bathroom Wall	69.87	m2	Rp 30,998.50	Rp 89,082.50	Rp 120,081.00	Rp 2,165,865.20	Rp 6,224,194.28	Rp 8,390,059.47
Total Work E							Rp 44,906,584.38	Rp 74,945,406.00	Rp 119,851,990.39
III.1.F	SANITARY								
	MASTER BATHROOM								
1	Bathup TOTO FB1500-70	1.00	unit	Rp 1,000,000.00	Rp 5,550,000.00	Rp 6,550,000.00	Rp 1,000,000.00	Rp 5,550,000.00	Rp 6,550,000.00
	- Bathup TOTO FB1500-70 + Acceseries TOTO	1.00	pcs	Rp 100,000.00	Rp 4,500,000.00	Rp 4,600,000.00	Rp 100,000.00	Rp 4,500,000.00	Rp 4,600,000.00
	- Popup Waste TOTO T6JV4	1.00	pcs	Rp 150,000.00	Rp 239,000.00	Rp 389,000.00	Rp 150,000.00	Rp 239,000.00	Rp 389,000.00
2	Toilet Wall Hang TOTO CW274J	1.00	unit	Rp 360,000.00	Rp 13,059,300.00	Rp 13,419,300.00	Rp 360,000.00	Rp 13,059,300.00	Rp 13,419,300.00
	- Duroplast Seat & Cover TOTO TC273SJ	1.00	pcs	Rp 60,000.00	Rp 1,440,000.00	Rp 1,500,000.00	Rp 60,000.00	Rp 1,440,000.00	Rp 1,500,000.00
	- Fixing Kit TOTO TZH71	1.00	pcs	Rp 60,000.00	Rp 407,000.00	Rp 467,000.00	Rp 60,000.00	Rp 407,000.00	Rp 467,000.00
	- Jet Washer	1.00	pcs	Rp 60,000.00	Rp 400,000.00	Rp 460,000.00	Rp 60,000.00	Rp 400,000.00	Rp 460,000.00
	- Tissue Holder TX703C3B TOTO	1.00	unit	Rp 100,000.00	Rp 681,000.00	Rp 781,000.00	Rp 100,000.00	Rp 681,000.00	Rp 781,000.00
3	Wastafel TOTO LW649CJ + Accesories TOTO	2.00	unit	Rp 156,000.00	Rp 1,570,000.00	Rp 1,726,000.00	Rp 312,000.00	Rp 3,140,000.00	Rp 3,452,000.00
	- Faucet TX115LRS	2.00	pcs	Rp 32,500.00	Rp 1,740,000.00	Rp 1,772,500.00	Rp 65,000.00	Rp 3,480,000.00	Rp 3,545,000.00
	- Gooseneck TOTO THX1A-3N	2.00	pcs	Rp 26,000.00	Rp 340,000.00	Rp 366,000.00	Rp 52,000.00	Rp 680,000.00	Rp 732,000.00
	- Flexible TOTO TX277SV3	4.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 104,000.00	Rp 956,000.00	Rp 1,060,000.00
	- Popup Waste TOTO T6JV4	2.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 52,000.00	Rp 478,000.00	Rp 530,000.00
	- Wastafel Table + Marble	2.00	unit	Rp 750,000.00	Rp 4,250,000.00	Rp 5,000,000.00	Rp 1,500,000.00	Rp 8,500,000.00	Rp 10,000,000.00
4	Shower TX492SEL + Accesories TOTO	1.00	pcs	Rp 195,000.00	Rp 8,030,000.00	Rp 8,225,000.00	Rp 195,000.00	Rp 8,030,000.00	Rp 8,225,000.00
5	Floor Drain TOTO TX1EB	2.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 65,000.00	Rp 838,000.00	Rp 903,000.00
	POWDER ROOM								
1	Toilet TOTO CW630PJ	1.00	unit	Rp 260,000.00	Rp 6,500,000.00	Rp 6,760,000.00	Rp 260,000.00	Rp 6,500,000.00	Rp 6,760,000.00
	- Jet Washer	1.00	pcs	Rp 32,500.00	Rp 400,000.00	Rp 432,500.00	Rp 32,500.00	Rp 400,000.00	Rp 432,500.00
	- Tissue Holder TX703C3B TOTO	1.00	unit	Rp 26,000.00	Rp 681,000.00	Rp 707,000.00	Rp 26,000.00	Rp 681,000.00	Rp 707,000.00
2	Wastafel TOTO LW649CJ	1.00	unit	Rp 156,000.00	Rp 1,570,000.00	Rp 1,726,000.00	Rp 156,000.00	Rp 1,570,000.00	Rp 1,726,000.00
	- Faucet TX115LRS	1.00	pcs	Rp 32,500.00	Rp 1,740,000.00	Rp 1,772,500.00	Rp 32,500.00	Rp 1,772,500.00	Rp 1,772,500.00
	- Gooseneck TOTO THX1A-3N	1.00	pcs	Rp 26,000.00	Rp 340,000.00	Rp 366,000.00	Rp 26,000.00	Rp 340,000.00	Rp 366,000.00
	- Flexible TOTO TX277SV3	2.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 52,000.00	Rp 478,000.00	Rp 530,000.00
	- Popup Waste TOTO T6JV4	1.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 26,000.00	Rp 478,000.00	Rp 530,000.00
	- Wastafel Table + Marble	1.00	unit	Rp 750,000.00	Rp 4,250,000.00	Rp 5,000,000.00	Rp 750,000.00	Rp 4,250,000.00	Rp 5,000,000.00
4	Floor Drain TOTO TX1EB	2.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 65,000.00	Rp 838,000.00	Rp 903,000.00

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
1	<u>SHOWER OUTDOOR</u> Shower Set TX488SZ + TX442 KEA	1.00	pcs	Rp 195,000.00	Rp 3,410,000.00	Rp 3,605,000.00	Rp 195,000.00	Rp 3,410,000.00	Rp 3,605,000.00
2	Floor Drain TOTO TX1EB	1.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00
1	<u>GARDEN AREA</u> Faucet T23B13V7NB	7.00	pcs	Rp 32,500.00	Rp 350,000.00	Rp 382,500.00	Rp 227,500.00	Rp 2,450,000.00	Rp 2,677,500.00
Total Work F							Rp 6,116,000.00	Rp 75,693,300.00	Rp 81,809,300.00
Total Ground Floor Architecture Work (II.2) A+B+C+D+E+F							Rp 554,792,533.29	Rp 2,425,036,310.25	Rp 2,979,828,843.54
III.2	FIRST FLOOR ARCHITECTURE WORK								
III.2.A	WALL FINISHES								
1	Red Brick Wall	632.50	m2	Rp 43,920.00	Rp 104,772.00	Rp 148,692.00	Rp 27,779,400.00	Rp 66,268,290.00	Rp 94,047,690.00
2	Rendered Concrete Plaster	1,265.00	m2	Rp 41,080.00	Rp 21,075.60	Rp 62,155.60	Rp 51,966,200.00	Rp 26,660,634.00	Rp 78,626,834.00
3	Smooth Plaster to Wall	954.09	m2	Rp 39,780.00	Rp 5,809.38	Rp 45,589.38	Rp 37,953,501.30	Rp 5,542,637.55	Rp 43,496,138.85
4	Exterior Wall Travertino Marble	154.16	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 44,493,757.65	Rp 258,957,708.38	Rp 303,451,466.03
5	Marble Sevilla Grigio to Wall Bathroom	156.76	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 45,245,638.80	Rp 263,333,724.93	Rp 308,579,363.73
6	Decorative Wall Moulding	50.00	m	Rp 150,000.00	Rp 200,000.00	Rp 350,000.00	Rp 7,500,000.00	Rp 10,000,000.00	Rp 17,500,000.00
Total Work A							Rp 214,938,497.75	Rp 630,762,994.86	Rp 845,701,492.61
III.2.B	FLOOR FINISHES								
1	White Carara Marble Polished	219.77	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 63,432,215.10	Rp 369,181,249.86	Rp 432,613,464.96
2	White Carara Marble Unpolished	23.94	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 6,909,802.20	Rp 40,215,676.03	Rp 47,125,478.23
3	Composite Wood	64.77	m2	Rp 214,920.00	Rp 499,449.00	Rp 714,369.00	Rp 13,920,368.40	Rp 32,349,311.73	Rp 46,269,680.13
4	White Carara Marble Combine with Black Marble to Stairs	20.75	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 5,989,072.50	Rp 34,856,945.60	Rp 40,846,018.10
Total Work B							Rp 90,251,458.20	Rp 476,603,183.22	Rp 566,854,641.42
III.2.C	CEILING FINISHES								
1	9 mm Gypsumboard Ceiling with Hollow Structure	450.97	m2	Rp 45,532.50	Rp 67,203.50	Rp 112,736.00	Rp 20,533,791.53	Rp 30,306,762.40	Rp 50,840,553.92
2	Drop Ceiling	222.13	m	Rp 15,000.00	Rp 45,000.00	Rp 60,000.00	Rp 3,331,920.00	Rp 9,995,760.00	Rp 13,327,680.00
3	Up Ceiling	29.20	m	Rp 15,000.00	Rp 45,000.00	Rp 60,000.00	Rp 438,000.00	Rp 1,314,000.00	Rp 1,752,000.00
4	Gypsum List Ceiling	266.55	m	Rp 19,532.50	Rp 16,921.71	Rp 36,454.21	Rp 5,206,458.19	Rp 4,510,542.72	Rp 9,717,000.91
5	Shadowline Ceiling	209.12	m	Rp 19,532.50	Rp 15,804.23	Rp 35,336.73	Rp 4,084,636.40	Rp 3,304,980.58	Rp 7,389,616.98
Total Work C							Rp 33,594,806.12	Rp 49,432,045.69	Rp 83,026,851.81
III.2.D	DOORS AND WINDOWS								
1	Aluminium Door & Window DW5 (2 Unit)	2.00	unit	Rp 1,505,000.00	Rp 18,060,000.00	Rp 19,565,000.00	Rp 3,010,000.00	Rp 36,120,000.00	Rp 39,130,000.00
2	Aluminium Door & Window DW6 (2 Unit)	2.00	unit	Rp 735,000.00	Rp 8,820,000.00	Rp 9,555,000.00	Rp 1,470,000.00	Rp 17,640,000.00	Rp 19,110,000.00
3	Wood Swing Door D1 (6 Unit)	6.00	unit	Rp 900,000.00	Rp 7,875,000.00	Rp 8,775,000.00	Rp 5,400,000.00	Rp 47,250,000.00	Rp 52,650,000.00
4	Wood Swing Door D2 (5 Unit)	5.00	unit	Rp 900,000.00	Rp 7,875,000.00	Rp 8,775,000.00	Rp 4,500,000.00	Rp 39,375,000.00	Rp 43,875,000.00
5	Aluminium Swing Window W9 (1 Unit)	1.00	unit	Rp 345,000.00	Rp 4,140,000.00	Rp 4,485,000.00	Rp 345,000.00	Rp 4,140,000.00	Rp 4,485,000.00
6	Aluminium Swing Window W10 (2 Unit)	2.00	unit	Rp 345,000.00	Rp 4,140,000.00	Rp 4,485,000.00	Rp 690,000.00	Rp 8,280,000.00	Rp 8,970,000.00
7	Aluminium Swing Window W11 (2 Unit)	2.00	unit	Rp 460,000.00	Rp 5,520,000.00	Rp 5,980,000.00	Rp 920,000.00	Rp 11,040,000.00	Rp 11,960,000.00
8	Aluminium Swing Window W12 (1 Unit)	1.00	unit	Rp 575,000.00	Rp 6,900,000.00	Rp 7,475,000.00	Rp 575,000.00	Rp 6,900,000.00	Rp 7,475,000.00
9	Aluminium & Iron Trellis Window W14 (1 Unit)	1.00	unit	Rp 4,200,000.00	Rp 47,250,000.00	Rp 51,450,000.00	Rp 4,200,000.00	Rp 47,250,000.00	Rp 51,450,000.00
10	Aluminium Sliding Window SW1 (4 Unit)	4.00	unit	Rp 2,038,400.00	Rp 23,296,000.00	Rp 25,334,400.00	Rp 8,153,600.00	Rp 93,184,000.00	Rp 101,337,600.00
11	Aluminium Sliding Window SW2 (1 Unit)	1.00	unit	Rp 1,724,800.00	Rp 19,712,000.00	Rp 21,436,800.00	Rp 1,724,800.00	Rp 19,712,000.00	Rp 21,436,800.00
12	Aluminium Sliding Window SW3 (2 Unit)	2.00	unit	Rp 2,508,800.00	Rp 28,672,000.00	Rp 31,180,800.00	Rp 5,017,600.00	Rp 57,344,000.00	Rp 62,361,600.00
13	Glass Door GD2 (4 Unit)	4.00	unit	Rp 714,000.00	Rp 7,140,000.00	Rp 7,854,000.00	Rp 2,856,000.00	Rp 28,560,000.00	Rp 31,416,000.00
14	Decorative Stair & Balcony Railing - Iron Railing Classic	85.00	m	Rp 300,000.00	Rp 1,800,000.00	Rp 2,100,000.00	Rp 25,500,000.00	Rp 153,000,000.00	Rp 178,500,000.00
Total Work D							Rp 64,362,000.00	Rp 569,795,000.00	Rp 634,157,000.00
III.2.E	WALL AND CEILING PAINT								
1	Paint Wall for Interior ex. Dulux Pentelite	667.86	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 15,806,330.97	Rp 23,625,062.31	Rp 39,431,393.28
2	Paint Wall for Exterior ex. Dulux Weathershield	286.23	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 6,774,141.84	Rp 13,027,353.27	Rp 19,801,495.12

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
3	Paint Ceiling ex. Dulux Pentallite	450.97	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 10,673,174.64	Rp 15,952,748.07	Rp 26,625,922.71
4	Waterproofing Bathroom Wall	156.76	m2	Rp 30,998.50	Rp 89,082.50	Rp 120,081.00	Rp 4,859,324.86	Rp 13,964,572.70	Rp 18,823,897.56
Total Work E							Rp 38,112,972.30	Rp 66,569,736.36	Rp 104,682,708.66
III.2.F	SANITARY								
	MASTER BATHROOM								
1	Bathup TOTO FB1500-70	1.00	unit	Rp 1,000,000.00	Rp 5,550,000.00	Rp 6,550,000.00	Rp 1,000,000.00	Rp 5,550,000.00	Rp 6,550,000.00
	- Bathup TOTO FB1500-70 + Acceseries TOTO	1.00	pcs	Rp 100,000.00	Rp 4,500,000.00	Rp 4,600,000.00	Rp 100,000.00	Rp 4,500,000.00	Rp 4,600,000.00
	- Popup Waste TOTO T6JV4	1.00	pcs	Rp 150,000.00	Rp 239,000.00	Rp 389,000.00	Rp 150,000.00	Rp 239,000.00	Rp 389,000.00
2	Toilet Wall Hang TOTO CW274J	1.00	unit	Rp 360,000.00	Rp 13,059,300.00	Rp 13,419,300.00	Rp 360,000.00	Rp 13,059,300.00	Rp 13,419,300.00
	- Duroplast Seat & Cover TOTO TC273SJ	1.00	pcs	Rp 60,000.00	Rp 1,440,000.00	Rp 1,500,000.00	Rp 60,000.00	Rp 1,440,000.00	Rp 1,500,000.00
	- Fixing Kit TOTO TZH71	1.00	pcs	Rp 60,000.00	Rp 407,000.00	Rp 467,000.00	Rp 60,000.00	Rp 407,000.00	Rp 467,000.00
	- Jet Washer	1.00	pcs	Rp 60,000.00	Rp 400,000.00	Rp 460,000.00	Rp 60,000.00	Rp 400,000.00	Rp 460,000.00
	- Tissue Holder TX703C3B TOTO	1.00	unit	Rp 100,000.00	Rp 681,000.00	Rp 781,000.00	Rp 100,000.00	Rp 681,000.00	Rp 781,000.00
3	Wastafel TOTO LW649CJ + Accesories TOTO	2.00	unit	Rp 156,000.00	Rp 1,570,000.00	Rp 1,726,000.00	Rp 312,000.00	Rp 3,140,000.00	Rp 3,452,000.00
	- Faucet TX115LRS	2.00	pcs	Rp 32,500.00	Rp 1,740,000.00	Rp 1,772,500.00	Rp 65,000.00	Rp 3,480,000.00	Rp 3,545,000.00
	- Gooseneck TOTO THX1A-3N	2.00	pcs	Rp 26,000.00	Rp 340,000.00	Rp 366,000.00	Rp 52,000.00	Rp 680,000.00	Rp 732,000.00
	- Flexible TOTO TX277SV3	4.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 104,000.00	Rp 956,000.00	Rp 1,060,000.00
	- Popup Waste TOTO T6JV4	2.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 52,000.00	Rp 478,000.00	Rp 530,000.00
	- Wastafel Table + Marble	2.00	unit	Rp 750,000.00	Rp 4,250,000.00	Rp 5,000,000.00	Rp 1,500,000.00	Rp 8,500,000.00	Rp 10,000,000.00
4	Shower TX492SEL + Accesories TOTO	1.00	pcs	Rp 195,000.00	Rp 8,030,000.00	Rp 8,225,000.00	Rp 195,000.00	Rp 8,030,000.00	Rp 8,225,000.00
5	Floor Drain TOTO TX1EB	2.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 65,000.00	Rp 838,000.00	Rp 903,000.00
	BATHROOM 1,2,3 & GUEST BATHROOM								
1	Toilet TOTO CW630PJ	4.00	unit	Rp 260,000.00	Rp 6,500,000.00	Rp 6,760,000.00	Rp 1,040,000.00	Rp 26,000,000.00	Rp 27,040,000.00
	- Jet Washer	4.00	pcs	Rp 32,500.00	Rp 400,000.00	Rp 432,500.00	Rp 130,000.00	Rp 1,600,000.00	Rp 1,730,000.00
	- Tissue Holder TX703C3B TOTO	4.00	unit	Rp 26,000.00	Rp 681,000.00	Rp 707,000.00	Rp 104,000.00	Rp 2,724,000.00	Rp 2,828,000.00
2	Wastafel TOTO LW649CJ	4.00	unit	Rp 156,000.00	Rp 1,570,000.00	Rp 1,726,000.00	Rp 624,000.00	Rp 6,200,000.00	Rp 6,904,000.00
	- Faucet TX115LRS	4.00	pcs	Rp 32,500.00	Rp 1,740,000.00	Rp 1,772,500.00	Rp 130,000.00	Rp 6,960,000.00	Rp 7,090,000.00
	- Gooseneck TOTO THX1A-3N	4.00	pcs	Rp 26,000.00	Rp 340,000.00	Rp 366,000.00	Rp 104,000.00	Rp 1,360,000.00	Rp 1,464,000.00
	- Flexible TOTO TX277SV3	8.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 208,000.00	Rp 1,912,000.00	Rp 2,120,000.00
	- Popup Waste TOTO T6JV4	4.00	pcs	Rp 26,000.00	Rp 239,000.00	Rp 265,000.00	Rp 104,000.00	Rp 956,000.00	Rp 1,060,000.00
	- Wastafel Table + Marble	4.00	unit	Rp 750,000.00	Rp 4,250,000.00	Rp 5,000,000.00	Rp 3,000,000.00	Rp 17,000,000.00	Rp 20,000,000.00
3	Shower Set TX488SZ + TX442 KEA	4.00	pcs	Rp 195,000.00	Rp 3,410,000.00	Rp 3,605,000.00	Rp 780,000.00	Rp 13,640,000.00	Rp 14,420,000.00
4	Floor Drain TOTO TX1EB	8.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 260,000.00	Rp 3,352,000.00	Rp 3,612,000.00
	BALCONY								
1	Floor Drain TOTO TX1EB	12.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 390,000.00	Rp 5,028,000.00	Rp 5,418,000.00
Total Work F							Rp 11,109,000.00	Rp 139,190,300.00	Rp 150,299,300.00
Total First Floor Architecture Work (III.2) A+B+C+D+E+F							Rp 452,368,734.37	Rp 1,932,353,260.12	Rp 2,384,721,994.49
III.3	SECOND FLOOR ARCHITECTURE WORK								
III.3.A	WALL FINISHES								
1	Red Brick Wall	130.47	m2	Rp 43,920.00	Rp 104,772.00	Rp 148,692.00	Rp 5,730,242.40	Rp 13,669,602.84	Rp 19,399,845.24
2	Rendered Concrete Plaster	174.97	m2	Rp 41,080.00	Rp 21,075.60	Rp 62,155.60	Rp 7,187,767.60	Rp 3,687,597.73	Rp 10,875,365.33
3	Smooth Plaster to Wall	174.97	m2	Rp 39,780.00	Rp 5,809.38	Rp 45,589.38	Rp 6,960,306.60	Rp 1,016,466.34	Rp 7,976,772.94
4	Decorative Wall Moulding	28.40	m	Rp 75,000.00	Rp 100,000.00	Rp 175,000.00	Rp 2,130,000.00	Rp 2,840,000.00	Rp 4,970,000.00
Total Work A							Rp 22,008,316.60	Rp 21,213,666.92	Rp 43,221,983.52
III.3.B	FLOOR FINISHES								
1	White Carara Marble Polished	196.58	m2	Rp 288,630.00	Rp 1,679,852.80	Rp 1,968,482.80	Rp 56,738,885.40	Rp 330,225,463.42	Rp 386,964,348.82
2	Composite Wood	12.87	m2	Rp 214,920.00	Rp 499,449.00	Rp 714,369.00	Rp 2,766,020.40	Rp 6,427,908.63	Rp 9,193,929.03
Total Work B							Rp 59,504,905.80	Rp 336,653,372.05	Rp 396,158,277.85
III.3.C	CEILING FINISHES								
1	9 mm Gypsumboard Ceiling with Hollow Structure	39.79	m2	Rp 45,532.50	Rp 67,203.50	Rp 112,736.00	Rp 1,811,738.18	Rp 2,674,027.27	Rp 4,485,765.44

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
2	Gypsum List Ceiling	32.75	m	Rp 19,532.50	Rp 16,921.71	Rp 36,454.21	Rp 639,689.38	Rp 554,186.00	Rp 1,193,875.38
Total Work C							Rp 2,451,427.55	Rp 3,228,213.27	Rp 5,679,640.82
III.3.D	DOORS AND WINDOWS								
1	Aluminium Sliding Door SD6 (2 Unit)	2.00	unit	Rp 1,411,200.00	Rp 16,128,000.00	Rp 17,539,200.00	Rp 2,822,400.00	Rp 32,256,000.00	Rp 35,078,400.00
2	Aluminium & Iron Trellis Window W13 (1 Unit)	1.00	unit	Rp 2,040,000.00	Rp 22,950,000.00	Rp 24,990,000.00	Rp 2,040,000.00	Rp 22,950,000.00	Rp 24,990,000.00
3	Decorative Railing Rooftop - Iron Railing Classic	17.00	m	Rp 300,000.00	Rp 1,800,000.00	Rp 2,100,000.00	Rp 5,100,000.00	Rp 30,600,000.00	Rp 35,700,000.00
Total Work D							Rp 9,962,400.00	Rp 85,806,000.00	Rp 95,768,400.00
III.3.E	WALL AND CEILING PAINT								
1	Paint Wall for Interior	44.50	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 1,053,188.18	Rp 1,574,156.35	Rp 2,627,344.53
2	Paint Wall for Exterior	130.47	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 3,087,853.06	Rp 5,938,250.72	Rp 9,026,103.78
3	Paint Ceiling	39.79	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 941,715.90	Rp 1,407,543.40	Rp 2,349,259.30
Total Work E							Rp 5,082,757.13	Rp 8,919,950.47	Rp 14,002,707.60
III.3.F	SANITARY ROOFTOP								
1	Floor Drain TOTO TX1EB	2.00	pcs	Rp 32,500.00	Rp 419,000.00	Rp 451,500.00	Rp 65,000.00	Rp 838,000.00	Rp 903,000.00
Total Work F							Rp 65,000.00	Rp 838,000.00	Rp 903,000.00
Total Second Floor Architecture Work (III.3) A+B+C+D+E+F							Rp 99,074,807.08	Rp 456,659,202.71	Rp 555,734,009.79
III.4	ROOF FLOOR ARCHITECTURE WORK								
III.4.A	ROOF COVERING WORK								
1	Galvalum Steel for Structure Roof	172.91	m2	Rp 88,705.50	Rp 199,225.00	Rp 287,930.50	Rp 15,338,068.01	Rp 34,447,994.75	Rp 49,786,062.76
2	Duco Concrete Tile Roof	224.78	m2	Rp 33,588.75	Rp 158,015.00	Rp 191,603.75	Rp 7,550,179.99	Rp 35,519,085.75	Rp 43,069,265.74
3	Bubungan Duco Concrete Tile Roof	88.95	m	Rp 85,800.00	Rp 84,905.00	Rp 170,705.00	Rp 7,631,910.00	Rp 7,552,299.75	Rp 15,184,209.75
4	Roof Eaves Conwood 2 in 1	81.00	m	Rp 47,385.00	Rp 50,840.40	Rp 98,225.40	Rp 3,838,185.00	Rp 4,118,072.40	Rp 7,956,257.40
5	10 mm Tempered Skylight Glass Roof Covering + Include Steel Hollow Galvanis	22.18	m2	Rp 296,250.00	Rp 1,210,000.00	Rp 1,506,250.00	Rp 6,570,825.00	Rp 26,837,800.00	Rp 33,408,625.00
Total Work A							Rp 40,929,168.00	Rp 108,475,252.65	Rp 149,404,420.64
III.4.B	WALL FINISHES								
1	Red Brick Wall	69.35	m2	Rp 43,920.00	Rp 104,772.00	Rp 148,692.00	Rp 3,045,852.00	Rp 7,265,938.20	Rp 10,311,790.20
2	Rendered Concrete Plaster	69.35	m2	Rp 41,080.00	Rp 21,075.60	Rp 62,155.60	Rp 2,848,898.00	Rp 1,461,592.86	Rp 4,310,490.86
3	Smooth Plaster to Wall	34.68	m2	Rp 39,780.00	Rp 5,809.38	Rp 45,589.38	Rp 1,379,371.50	Rp 201,440.08	Rp 1,580,811.58
Total Work B							Rp 7,274,121.50	Rp 8,928,971.14	Rp 16,203,092.64
III.4.C	CEILING FINISHES								
1	9 mm Calsiboard Ceiling with Hollow Structure	81.00	m2	Rp 45,532.50	Rp 71,915.03	Rp 117,447.53	Rp 3,688,132.50	Rp 5,825,117.03	Rp 9,513,249.53
Total Work C							Rp 3,688,132.50	Rp 5,825,117.03	Rp 9,513,249.53
III.4.D	WALL AND CEILING PAINT								
1	Paint Wall for Exterior	34.68	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 820,658.43	Rp 1,578,208.35	Rp 2,398,866.78
2	Paint Ceiling	81.00	m2	Rp 23,667.15	Rp 35,374.30	Rp 59,041.45	Rp 1,917,039.15	Rp 2,865,318.30	Rp 4,782,357.45
3	Waterproofing Roof Floor Slab	142.78	m2	Rp 30,998.50	Rp 89,082.50	Rp 120,081.00	Rp 4,425,965.83	Rp 12,719,199.35	Rp 17,145,165.18
Total Work D							Rp 7,163,663.41	Rp 17,162,726.00	Rp 24,326,389.41
Total Architecture Roof Floor Work (III.4) A+B+C+D							Rp 59,055,085.40	Rp 140,392,066.81	Rp 199,447,152.21
Total Architecture Work (III.1+III.2+III.3+III.4)							Rp 1,165,291,160.15	Rp 4,954,440,839.89	Rp 6,119,732,000.04



MEP WORK

BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023
 SUBJECT : MEP WORK

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
IV	MEP WORK								
IV.1	GROUND FLOOR MEP WORK								
IV.1.A	MECHANICAL WORK								
1	Exhaust Fan Ex. Panasonic FV-25TGU5	4.00	unit	Rp 35,200.00	Rp 531,300.00	Rp 566,500.00	Rp 140,800.00	Rp 2,125,200.00	Rp 2,266,000.00
2	Fire Extinguisher 6 kg	3.00	unit	Rp 60,626.50	Rp 2,420,000.00	Rp 2,480,626.50	Rp 181,879.50	Rp 7,260,000.00	Rp 7,441,879.50
3	Air Conditioner								
	- AC Split 1 PK Daikin	2.00	unit	Rp 500,000.00	Rp 5,603,510.00	Rp 6,103,510.00	Rp 1,000,000.00	Rp 11,207,020.00	Rp 12,207,020.00
	- AC Split 1.5 PK Daikin	2.00	unit	Rp 500,000.00	Rp 6,398,040.00	Rp 6,898,040.00	Rp 1,000,000.00	Rp 12,796,080.00	Rp 13,796,080.00
	- AC Split 2 PK Daikin	3.00	unit	Rp 500,000.00	Rp 8,405,265.00	Rp 8,905,265.00	Rp 1,500,000.00	Rp 25,215,795.00	Rp 26,715,795.00
	- AC Split 2.5 PK Daikin	2.00	unit	Rp 500,000.00	Rp 11,010,897.15	Rp 11,510,897.15	Rp 1,000,000.00	Rp 22,021,794.30	Rp 23,021,794.30
	- Refrigerant Pipe	135.00	m	Rp 42,000.00	Rp 154,000.00	Rp 196,000.00	Rp 5,670,000.00	Rp 20,790,000.00	Rp 26,460,000.00
4	Jet Pump Installation Work	1.00	unit	Rp 253,000.00	Rp 4,380,750.00	Rp 4,633,750.00	Rp 253,000.00	Rp 4,380,750.00	Rp 4,633,750.00
	Total Work A						Rp 10,745,679.50	Rp 105,796,639.30	Rp 116,542,318.80
IV.1.B	ELECTRICAL WORK								
	MAIN INSTALATION								
1	Electric Box Power Panel MDP	1.00	unit	Rp 1,193,685.30	Rp 7,957,902.00	Rp 9,151,587.30	Rp 1,193,685.30	Rp 7,957,902.00	Rp 9,151,587.30
2	Feeder Cable Installation Work From KWH Meter To MDP Panel	5.00	m	Rp 84,500.00	Rp 273,000.00	Rp 357,500.00	Rp 422,500.00	Rp 1,365,000.00	Rp 1,787,500.00
	ELECTRICAL INSTALATION								
	<u>SUPREME Cable Installation Includes Conduit Pipes</u>								
1	Wiring for Up Light 5 Watt	25.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 2,112,500.00	Rp 6,456,125.00	Rp 8,568,625.00
2	Wiring for Wall Light 13 Watt	22.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 1,859,000.00	Rp 5,681,390.00	Rp 7,540,390.00
3	Wiring for LED Bulb Downlight 13 Watt	133.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 11,238,500.00	Rp 34,346,585.00	Rp 45,585,085.00
4	Wiring for Hanging Light 4x12 = 48 Watt	3.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 253,500.00	Rp 774,735.00	Rp 1,028,235.00
5	Wiring for Hanging Light 8 Watt	12.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 1,014,000.00	Rp 3,098,940.00	Rp 4,112,940.00
6	Wiring for Socket	56.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 4,732,000.00	Rp 14,461,720.00	Rp 19,193,720.00
7	Wiring for Socket AC	9.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 760,500.00	Rp 2,324,205.00	Rp 3,084,705.00
8	Wiring for Single Switch	9.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 760,500.00	Rp 2,324,205.00	Rp 3,084,705.00
9	Wiring for Double Switch	15.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 1,267,500.00	Rp 3,873,675.00	Rp 5,141,175.00
10	Wiring for Triple Switch	6.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 507,000.00	Rp 1,549,470.00	Rp 2,056,470.00
11	Wiring for Double Switch Two Gang	5.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 422,500.00	Rp 1,291,225.00	Rp 1,713,725.00
12	Wiring for Triple Switch Two Gang	2.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 169,000.00	Rp 516,490.00	Rp 685,490.00
13	Wiring for Outlet TV	2.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 169,000.00	Rp 516,490.00	Rp 685,490.00
14	Wiring for Outlet Data	2.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 169,000.00	Rp 516,490.00	Rp 685,490.00
15	Wiring for Outlet Telephone	1.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00
	ELECTRICAL ACCESSORIES								
1	Up Light 5 Watt Ex. Philips	25.00	pcs	Rp 26,000.00	Rp 189,000.00	Rp 215,000.00	Rp 650,000.00	Rp 4,725,000.00	Rp 5,375,000.00
2	Wall Light 13 Watt Ex. Local Brand	22.00	pcs	Rp 26,000.00	Rp 165,000.00	Rp 191,000.00	Rp 572,000.00	Rp 3,630,000.00	Rp 4,202,000.00
3	LED Bulb Downlight 13 Watt Ex. Philips	133.00	pcs	Rp 26,000.00	Rp 173,500.00	Rp 199,500.00	Rp 3,458,000.00	Rp 23,075,500.00	Rp 26,533,500.00
4	LED Strip 7.2 Watt Ex. Philips	241.91	m	Rp 6,500.00	Rp 30,980.00	Rp 37,480.00	Rp 1,572,415.00	Rp 7,494,371.80	Rp 9,066,786.80
5	Hanging Light 4x12 = 48 Watt (Material SBO)	3.00	pcs	Rp 325,000.00	Rp -	Rp 325,000.00	Rp 975,000.00	Rp -	Rp 975,000.00
6	Hanging Light 8 Watt (Material SBO)	12.00	pcs	Rp 162,500.00	Rp -	Rp 162,500.00	Rp 1,950,000.00	Rp -	Rp 1,950,000.00
7	Socket Ex. Schneider Vivace	56.00	pcs	Rp 19,500.00	Rp 46,662.00	Rp 66,162.00	Rp 1,092,000.00	Rp 2,613,072.00	Rp 3,705,072.00
8	Socket AC Ex. Schneider Vivace	9.00	pcs	Rp 19,500.00	Rp 96,558.00	Rp 116,058.00	Rp 175,500.00	Rp 869,022.00	Rp 1,044,522.00
9	Single Switch Ex. Schneider Vivace	9.00	pcs	Rp 19,500.00	Rp 31,185.00	Rp 50,685.00	Rp 175,500.00	Rp 280,665.00	Rp 456,165.00
10	Double Switch Ex. Schneider Vivace	15.00	pcs	Rp 19,500.00	Rp 48,862.00	Rp 68,362.00	Rp 292,500.00	Rp 732,930.00	Rp 1,025,430.00
11	Triple Switch Ex. Schneider Vivace	6.00	pcs	Rp 19,500.00	Rp 72,886.00	Rp 92,386.00	Rp 117,000.00	Rp 437,316.00	Rp 554,316.00
12	Double Switch Two Gang Ex. Schneider Vivace	5.00	pcs	Rp 26,000.00	Rp 61,908.00	Rp 87,908.00	Rp 130,000.00	Rp 439,540.00	Rp 569,540.00
13	Triple Switch Two Gang Ex. Schneider Vivace	2.00	pcs	Rp 26,000.00	Rp 80,047.00	Rp 106,047.00	Rp 52,000.00	Rp 160,094.00	Rp 212,094.00
14	Outlet TV Ex. Schneider Vivace	2.00	pcs	Rp 19,500.00	Rp 116,545.00	Rp 136,045.00	Rp 39,000.00	Rp 233,090.00	Rp 272,090.00

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
15	Outlet Data Ex. Schneider Vivace	2.00	pcs	Rp 19,500.00	Rp 122,782.00	Rp 142,282.00	Rp 39,000.00	Rp 245,564.00	Rp 284,564.00
16	Outlet Telephone Ex. Schneider Vivace	1.00	pcs	Rp 19,500.00	Rp 120,351.00	Rp 139,851.00	Rp 19,500.00	Rp 120,351.00	Rp 139,851.00
Total Work B							Rp 38,444,600.30	Rp 132,239,407.80	Rp 170,684,008.10
IV.1.C	PLUMBING WORK								
1	Balancing Tank	1.00	unit	Rp 5,400,000.00	Rp 6,480,000.00	Rp 11,880,000.00	Rp 5,400,000.00	Rp 6,480,000.00	Rp 11,880,000.00
2	Groundtank Installation Work	1.00	unit	Rp 605,000.00	Rp 6,365,730.12	Rp 6,970,730.12	Rp 605,000.00	Rp 6,365,730.12	Rp 6,970,730.12
3	Biotank Installation Work	2.00	unit	Rp 605,000.00	Rp 17,159,849.37	Rp 17,764,849.37	Rp 1,210,000.00	Rp 34,319,698.75	Rp 35,529,698.75
4	Infiltration Installation Work	3.00	unit	Rp 605,000.00	Rp 1,743,629.53	Rp 2,348,629.53	Rp 1,815,000.00	Rp 5,205,888.58	Rp 7,045,888.58
5	Grease Trap 14 Liter Ex. Austindo	4.00	unit	Rp 250,000.00	Rp 5,300,000.00	Rp 5,550,000.00	Rp 1,000,000.00	Rp 21,200,000.00	Rp 22,200,000.00
CLEAN WATER, SEWAGE WATER & RAIN WATER									
6	Clean Water Pipe Installation (Clean Water PPR.PN-10 Class & Hot Water PPR.PN-20 Class)								
	- PPR Pipe Instalation type PN10 - 20mm Ex. Westpex	105.57	m	Rp 15,054.00	Rp 20,306.03	Rp 35,360.03	Rp 1,589,250.78	Rp 2,143,707.85	Rp 3,732,958.63
	- PPR Pipe Instalation type PN10 - 25mm Ex. Westpex	121.69	m	Rp 15,054.00	Rp 29,339.64	Rp 44,393.64	Rp 1,831,921.26	Rp 3,570,340.18	Rp 5,402,261.44
	- PPR Pipe Instalation type PN10 - 32mm Ex. Westpex	34.05	m	Rp 15,054.00	Rp 43,258.77	Rp 58,312.77	Rp 512,588.70	Rp 1,472,961.03	Rp 1,985,549.73
	- PPR Pipe Instalation type PN10 - 40mm Ex. Westpex	47.28	m	Rp 15,054.00	Rp 67,772.25	Rp 82,826.25	Rp 711,753.12	Rp 3,204,271.98	Rp 3,916,025.10
	- Hot Water Pipe Instalation type PN20 - 20mm Ex. Westpex	37.65	m	Rp 15,054.00	Rp 27,521.10	Rp 42,575.10	Rp 566,783.10	Rp 1,036,169.32	Rp 1,602,952.42
	- Hot Water Pipe Instalation type PN20 - 25mm Ex. Westpex	80.40	m	Rp 15,054.00	Rp 42,687.61	Rp 57,741.61	Rp 1,210,341.60	Rp 3,432,084.05	Rp 4,642,425.65
7	Sewage Water & Waste Water Pipe Installation								
	- PVC Pipe Instalation Diameter 3/4" Ex. Rucika	16.00	m	Rp 15,054.00	Rp 19,019.00	Rp 34,073.00	Rp 240,864.00	Rp 304,304.00	Rp 545,168.00
	- PVC Pipe Instalation Diameter 1-1/4" Ex. Rucika	12.02	m	Rp 15,054.00	Rp 37,237.20	Rp 52,291.20	Rp 180,949.08	Rp 447,591.14	Rp 628,540.22
	- PVC Pipe Instalation Diameter 2" Ex. Rucika	76.38	m	Rp 22,581.00	Rp 68,818.75	Rp 91,399.75	Rp 1,724,736.78	Rp 5,256,376.13	Rp 6,981,112.91
	- PVC Pipe Instalation Diameter 3" Ex. Rucika	94.55	m	Rp 22,581.00	Rp 134,984.85	Rp 157,565.85	Rp 2,135,033.55	Rp 12,762,817.57	Rp 14,897,851.12
	- PVC Pipe Instalation Diameter 4" Ex. Rucika	103.34	m	Rp 33,881.25	Rp 208,658.45	Rp 242,539.70	Rp 3,501,288.38	Rp 21,562,764.22	Rp 25,064,052.60
8	Rainwater Pipe Installation								
	- PVC Pipe Instalation Diameter 2" Ex. Rucika	5.25	m	Rp 22,581.00	Rp 68,818.75	Rp 91,399.75	Rp 118,550.25	Rp 361,298.44	Rp 479,848.69
	- PVC Pipe Instalation Diameter 3" Ex. Rucika	41.38	m	Rp 22,581.00	Rp 134,984.85	Rp 157,565.85	Rp 934,401.78	Rp 5,585,673.09	Rp 6,520,074.87
	- PVC Pipe Instalation Diameter 4" Ex. Rucika	99.63	m	Rp 33,881.25	Rp 208,658.45	Rp 242,539.70	Rp 3,375,588.94	Rp 20,788,641.37	Rp 24,164,230.31
	- PVC Pipe Instalation Diameter 6" Ex. Rucika	68.12	m	Rp 33,881.25	Rp 410,109.70	Rp 443,990.95	Rp 2,307,990.75	Rp 27,936,672.76	Rp 30,244,663.51
	- Perporated Pipe Instalation Diameter 3"	82.65	m	Rp 25,968.15	Rp 155,232.58	Rp 181,200.73	Rp 2,146,267.60	Rp 12,829,972.53	Rp 14,976,240.13
Total Work C							Rp 33,118,309.66	Rp 196,291,963.12	Rp 229,410,272.78
Total Ground Floor MEP Work (IV.1) A+B+C							Rp 82,308,589.46	Rp 434,328,010.22	Rp 516,636,599.68
IV.2	FIRST FLOOR MEP WORK								
IV.2.A	MECHANICAL WORK								
1	Exhaust Fan Ex. Panasonic FV-25TGU5	5.00	unit	Rp 35,200.00	Rp 531,300.00	Rp 566,500.00	Rp 176,000.00	Rp 2,656,500.00	Rp 2,832,500.00
2	Fire Extangiuser 6 kg	2.00	unit	Rp 60,626.50	Rp 2,420,000.00	Rp 2,480,626.50	Rp 121,253.00	Rp 4,840,000.00	Rp 4,961,253.00
3	Air Conditioner								
	- AC Split 1 PK Daikin	1.00	unit	Rp 500,000.00	Rp 5,603,510.00	Rp 6,103,510.00	Rp 500,000.00	Rp 5,603,510.00	Rp 6,103,510.00
	- AC Split 1.5 PK Daikin	4.00	unit	Rp 500,000.00	Rp 6,398,040.00	Rp 6,898,040.00	Rp 2,000,000.00	Rp 25,592,160.00	Rp 27,592,160.00
	- AC Split 2.5 PK Daikin	1.00	unit	Rp 500,000.00	Rp 11,010,897.15	Rp 11,510,897.15	Rp 500,000.00	Rp 11,010,897.15	Rp 11,510,897.15
	- Refrigerant Pipe	90.00	m	Rp 42,000.00	Rp 154,000.00	Rp 196,000.00	Rp 3,780,000.00	Rp 13,860,000.00	Rp 17,640,000.00
Total Work A							Rp 7,077,253.00	Rp 63,563,067.15	Rp 70,640,320.15
IV.2.B	ELECTRICAL WORK								
	MAIN INSTALATION								
1	Panel SDP	1.00	unit	Rp 1,040,942.85	Rp 6,939,619.00	Rp 7,980,561.85	Rp 1,040,942.85	Rp 6,939,619.00	Rp 7,980,561.85
2	Feeder Cable Installation Work From MDP To SDP Panel	10.00	m	Rp 84,500.00	Rp 199,500.00	Rp 284,000.00	Rp 845,000.00	Rp 1,995,000.00	Rp 2,840,000.00
ELECTRICAL INSTALATION									
<u>SUPREME Cable Installation Includes Conduit Pipes</u>									
1	Wiring for LED Bulb Downlight 13 Watt	92.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 7,774,000.00	Rp 23,758,540.00	Rp 31,532,540.00
2	Wiring for LED Bulb Outbow 13 Watt	48.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 4,056,000.00	Rp 12,395,760.00	Rp 16,451,760.00
3	Wiring for Hanging Light 4x12 = 48 Watt	5.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 422,500.00	Rp 1,291,225.00	Rp 1,713,725.00
4	Wiring for Hanging Light 8 Watt	2.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 169,000.00	Rp 585,490.00	Rp 685,490.00
5	Wiring for Socket	50.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 4,225,000.00	Rp 12,912,250.00	Rp 17,137,250.00
6	Wiring for Socket AC	5.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 422,500.00	Rp 1,291,225.00	Rp 1,713,725.00

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
7	Wiring for Single Switch	1.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00
8	Wiring for Double Switch	11.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 929,500.00	Rp 2,840,695.00	Rp 3,770,195.00
9	Wiring for Triple Switch	1.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00
10	Wiring for Double Switch Two Gang	15.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 1,267,500.00	Rp 3,873,675.00	Rp 5,141,175.00
11	Wiring for Triple Switch Two Gang	12.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 1,014,000.00	Rp 3,098,940.00	Rp 4,112,940.00
12	Wiring for Outlet TV	6.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 507,000.00	Rp 1,549,470.00	Rp 2,056,470.00
13	Wiring for Outlet Data	6.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 507,000.00	Rp 1,549,470.00	Rp 2,056,470.00
ELECTRICAL ACCESSORIES									
1	LED Bulb Downlight 13 Watt Ex. Philips	92.00	pcs	Rp 26,000.00	Rp 173,500.00	Rp 199,500.00	Rp 2,392,000.00	Rp 15,962,000.00	Rp 18,354,000.00
2	LED Bulb Outbow 13 Watt Ex. Philips	48.00	pcs	Rp 26,000.00	Rp 142,184.00	Rp 168,184.00	Rp 1,248,000.00	Rp 6,824,832.00	Rp 8,072,832.00
3	LED Strip 7.2 Watt Ex. Philips	300.70	m	Rp 6,500.00	Rp 30,980.00	Rp 37,480.00	Rp 1,954,550.00	Rp 9,315,680.00	Rp 11,270,230.00
4	Hanging Light 4x12 = 48 Watt (Material SBO)	5.00	pcs	Rp 325,000.00	Rp -	Rp 325,000.00	Rp 325,000.00	Rp -	Rp 1,625,000.00
5	Hanging Light 8 Watt (Material SBO)	2.00	pcs	Rp 162,500.00	Rp -	Rp 162,500.00	Rp 325,000.00	Rp -	Rp 325,000.00
6	Socket Ex. Schneider Vivace	50.00	pcs	Rp 19,500.00	Rp 46,662.00	Rp 66,162.00	Rp 975,000.00	Rp 2,333,100.00	Rp 3,308,100.00
7	Socket AC Ex. Schneider Vivace	5.00	pcs	Rp 19,500.00	Rp 96,558.00	Rp 116,058.00	Rp 97,500.00	Rp 482,790.00	Rp 580,290.00
8	Single Switch Ex. Schneider Vivace	1.00	pcs	Rp 19,500.00	Rp 31,185.00	Rp 50,685.00	Rp 19,500.00	Rp 31,185.00	Rp 50,685.00
9	Double Switch Ex. Schneider Vivace	11.00	pcs	Rp 19,500.00	Rp 48,862.00	Rp 68,362.00	Rp 214,500.00	Rp 537,482.00	Rp 751,982.00
10	Triple Switch Ex. Schneider Vivace	1.00	pcs	Rp 19,500.00	Rp 72,886.00	Rp 92,386.00	Rp 19,500.00	Rp 72,886.00	Rp 92,386.00
11	Double Switch Two Gang Ex. Schneider Vivace	15.00	pcs	Rp 26,000.00	Rp 61,908.00	Rp 87,908.00	Rp 390,000.00	Rp 928,620.00	Rp 1,318,620.00
12	Triple Switch Two Gang Ex. Schneider Vivace	12.00	pcs	Rp 26,000.00	Rp 80,047.00	Rp 106,047.00	Rp 312,000.00	Rp 960,564.00	Rp 1,272,564.00
13	Outlet TV Ex. Schneider Vivace	6.00	pcs	Rp 19,500.00	Rp 116,545.00	Rp 136,045.00	Rp 117,000.00	Rp 969,270.00	Rp 1,086,270.00
14	Outlet Data Ex. Schneider Vivace	6.00	pcs	Rp 19,500.00	Rp 122,782.00	Rp 142,282.00	Rp 117,000.00	Rp 736,692.00	Rp 853,692.00
Total Work B							Rp 33,155,492.85	Rp 113,413,956.00	Rp 146,569,448.85
IV.2.C	PLUMBING WORK								
	CLEAN WATER, SEWAGE WATER & RAIN WATER								
1	Clean Water Pipe Installation (Clean Water PPR.PN-10 Class & Hot Water PPR.PN-20 Class)								
	- PPR Pipe Instalation type PN10 - 20mm Ex. Westpex	77.61	m	Rp 15,054.00	Rp 20,306.03	Rp 35,360.03	Rp 1,168,340.94	Rp 1,575,951.18	Rp 2,744,292.12
	- PPR Pipe Instalation type PN10 - 25mm Ex. Westpex	51.82	m	Rp 15,054.00	Rp 29,339.64	Rp 44,393.64	Rp 780,098.28	Rp 1,520,379.89	Rp 2,300,478.17
	- PPR Pipe Instalation type PN10 - 32mm Ex. Westpex	10.00	m	Rp 15,054.00	Rp 43,258.77	Rp 58,312.77	Rp 150,540.00	Rp 432,587.68	Rp 583,127.68
	- PPR Pipe Instalation type PN10 - 40mm Ex. Westpex	5.00	m	Rp 15,054.00	Rp 67,772.25	Rp 82,826.25	Rp 75,270.00	Rp 338,861.25	Rp 414,131.25
	- Hot Water Pipe Instalation type PN20 - 20mm Ex. Westpex	43.92	m	Rp 15,054.00	Rp 27,521.10	Rp 42,575.10	Rp 661,171.68	Rp 1,208,726.60	Rp 1,869,898.28
	- Hot Water Pipe Instalation type PN20 - 25mm Ex. Westpex	58.95	m	Rp 15,054.00	Rp 42,687.61	Rp 57,741.61	Rp 887,433.30	Rp 2,516,434.76	Rp 3,403,868.06
2	Sewage Water & Waste Water Pipe Installation								
	- PVC Pipe Instalation Diameter 3/4" Ex. Rucika	20.00	m	Rp 15,054.00	Rp 19,019.00	Rp 34,073.00	Rp 301,080.00	Rp 380,380.00	Rp 681,460.00
	- PVC Pipe Instalation Diameter 1-1/4" Ex. Rucika	8.13	m	Rp 15,054.00	Rp 37,237.20	Rp 52,291.20	Rp 122,389.02	Rp 302,738.44	Rp 425,127.46
	- PVC Pipe Instalation Diameter 2" Ex. Rucika	10.70	m	Rp 22,581.00	Rp 68,818.75	Rp 91,399.75	Rp 241,616.70	Rp 736,360.63	Rp 977,977.33
	- PVC Pipe Instalation Diameter 3" Ex. Rucika	39.99	m	Rp 22,581.00	Rp 134,984.85	Rp 157,565.85	Rp 903,014.19	Rp 5,398,044.15	Rp 6,301,058.34
	- PVC Pipe Instalation Diameter 4" Ex. Rucika	36.47	m	Rp 33,881.25	Rp 208,658.45	Rp 242,539.70	Rp 1,235,649.19	Rp 7,609,773.67	Rp 8,845,422.86
3	Rainwater Pipe Installation								
	- PVC Pipe Instalation Diameter 3" Ex. Rucika	85.50	m	Rp 22,581.00	Rp 134,984.85	Rp 157,565.85	Rp 1,930,675.50	Rp 11,541,204.68	Rp 13,471,880.18
	- PVC Pipe Instalation Diameter 4" Ex. Rucika	45.00	m	Rp 33,881.25	Rp 208,658.45	Rp 242,539.70	Rp 1,524,656.25	Rp 9,389,630.25	Rp 10,914,286.50
Total Work C							Rp 9,981,935.05	Rp 42,951,073.16	Rp 52,933,008.21
Total First Floor MEP Work (IV.2) A+B+C							Rp 50,214,680.90	Rp 219,928,096.31	Rp 270,142,777.21
IV.3	SECOND FLOOR MEP WORK								
IV.3.A	PLUMBING WORK								
	CLEAN WATER, SEWAGE WATER & RAIN WATER								
1	Clean Water Pipe Installation (Clean Water PPR.PN-10 Class & Hot Water PPR.PN-20 Class)								
	- PPR Pipe Instalation type PN10 - 25mm Ex. Westpex	15.08	m	Rp 15,054.00	Rp 29,339.64	Rp 44,393.64	Rp 227,014.32	Rp 442,441.70	Rp 669,456.02
	- PPR Pipe Instalation type PN10 - 32mm Ex. Westpex	20.00	m	Rp 15,054.00	Rp 43,258.77	Rp 58,312.77	Rp 301,080.00	Rp 865,175.35	Rp 1,166,255.35
	- PPR Pipe Instalation type PN10 - 40mm Ex. Westpex	10.00	m	Rp 15,054.00	Rp 67,772.25	Rp 82,826.25	Rp 150,540.00	Rp 677,722.50	Rp 828,262.50
	- Hot Water Pipe Instalation type PN20 - 25mm Ex. Westpex	34.42	m	Rp 15,054.00	Rp 42,687.61	Rp 57,741.61	Rp 518,158.68	Rp 1,469,307.62	Rp 1,987,466.30
2	Rainwater Pipe Installation								
	- PVC Pipe Instalation Diameter 3" Ex. Rucika	64.62	m	Rp 22,581.00	Rp 134,984.85	Rp 157,565.85	Rp 1,459,184.22	Rp 8,722,721.01	Rp 10,181,905.23
	- PVC Pipe Instalation Diameter 4" Ex. Rucika	20.00	m	Rp 33,881.25	Rp 208,658.45	Rp 242,539.70	Rp 677,625.00	Rp 4,173,169.00	Rp 4,850,794.00
Total Work A							Rp 3,333,602.22	Rp 16,350,537.18	Rp 19,684,139.40

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
Total Second Floor MEP Work (IV.3) A							Rp 3,333,602.22	Rp 16,350,537.18	Rp 19,684,139.40
IV.4	ROOF FLOOR MEP WORK								
IV.4.A	MECHANICAL WORK								
1	Lightning Rod Installation Work	1.00	unit	Rp 1,877,700.00	Rp 3,563,505.00	Rp 5,441,205.00	Rp 1,877,700.00	Rp 3,563,505.00	Rp 5,441,205.00
2	Jet Pump Installation Work	1.00	unit	Rp 253,000.00	Rp 4,380,750.00	Rp 4,633,750.00	Rp 253,000.00	Rp 4,380,750.00	Rp 4,633,750.00
3	Hot Water Return Pump Installation Work	1.00	unit	Rp 253,000.00	Rp 5,457,375.00	Rp 5,710,375.00	Rp 253,000.00	Rp 5,457,375.00	Rp 5,710,375.00
Total Work A							Rp 2,383,700.00	Rp 13,401,630.00	Rp 15,785,330.00
IV.4.B	PLUMBING WORK								
	CLEAN WATER & RAIN WATER								
1	Clean Water Pipe Installation (Clean Water PPR.PN-10 Class & Hot Water PPR.PN-20 Class)								
	- PPR Pipe Instalation type PN10 - 20mm Ex. Westpex	6.00	m	Rp 15,054.00	Rp 20,306.03	Rp 35,360.03	Rp 90,324.00	Rp 121,836.20	Rp 212,160.20
	- PPR Pipe Instalation type PN10 - 32mm Ex. Westpex	38.28	m	Rp 15,054.00	Rp 43,258.77	Rp 58,312.77	Rp 576,267.12	Rp 1,655,945.62	Rp 2,232,212.74
	- PPR Pipe Instalation type PN10 - 40mm Ex. Westpex	8.30	m	Rp 15,054.00	Rp 67,772.25	Rp 82,826.25	Rp 124,948.20	Rp 562,509.68	Rp 687,457.88
	- Hot Water Pipe Instalation type PN20 - 25mm Ex. Westpex	32.38	m	Rp 15,054.00	Rp 42,687.61	Rp 57,741.61	Rp 487,448.52	Rp 1,382,224.89	Rp 1,869,673.41
2	Rainwater Pipe Installation								
	- PVC Pipe Instalation Diameter 3" Ex. Rucika	26.89	m	Rp 22,581.00	Rp 134,984.85	Rp 157,565.85	Rp 607,203.09	Rp 3,629,742.62	Rp 4,236,945.71
3	Stainless Water Tank 1000 ltr Capacity	3.00	unit	Rp 742,500.00	Rp 5,865,750.00	Rp 6,608,250.00	Rp 2,227,500.00	Rp 17,597,250.00	Rp 19,824,750.00
4	Roof Drain	33.00	bh	Rp 34,650.00	Rp 122,200.00	Rp 156,850.00	Rp 1,143,450.00	Rp 4,032,600.00	Rp 5,176,050.00
Total Work B							Rp 5,257,140.93	Rp 28,982,109.00	Rp 34,239,249.93
Total Roof Floor MEP Work (IV.4) A+B							Rp 7,640,840.93	Rp 42,383,739.00	Rp 50,024,579.93
Total MEP Work (IV.1+IV.2+IV.3+IV.4)							Rp 143,497,713.51	Rp 712,990,382.71	Rp 856,488,096.21



OUTDOOR WORK

BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023
 SUBJECT : SWIMMING POOL WORK

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
V	SWIMMING POOL								
V.1	SWIMMING POOL STRUCTURAL WORK								
V.1.A	GROUND WORK								
1	Soil Excavation Work								
	- Soil Excavation for Swimming Pool	38.52	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 5,671,107.00	Rp -	Rp 5,671,107.00
	- Soil Excavation for Continuous Foundation	9.20	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 1,354,470.00	Rp -	Rp 1,354,470.00
2	Sand Fill Work								
	- Sand Fill Below Continuous Foundation	0.92	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 48,139.00	Rp 247,572.00	Rp 295,711.00
	- Sand Fill Below Floor Slab	1.07	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 55,987.75	Rp 287,937.00	Rp 343,924.75
3	Backfill Work								
	- Backfill Continuous Foundation	3.68	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 192,556.00	Rp -	Rp 192,556.00
Total Work A							Rp 7,322,259.75	Rp 535,509.00	Rp 7,857,768.75
V.1.B	CONCRETE WORK								
1	Continuous Foundation Work P1								
	- Lean Concrete	0.55	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 104,563.15	Rp 561,191.90	Rp 665,755.06
	- Concrete fc' 25 Mpa	7.36	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 1,394,175.36	Rp 8,087,992.32	Rp 9,482,167.68
	- Top Layer Steel Reinforcement Dia. 16 - 150 mm	387.90	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,147,801.62	Rp 5,056,573.49	Rp 6,204,375.12
	- Bottom Layer Steel Reinforcement Dia. 16 - 150 mm	387.90	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,147,801.62	Rp 5,056,573.49	Rp 6,204,375.12
	- Concrete Brick Formwork	19.04	m2	Rp 43,680.00	Rp 82,062.50	Rp 125,742.50	Rp 831,667.20	Rp 1,562,470.00	Rp 2,394,137.20
2	Concrete Beam S1 (200x300 mm)								
	- Concrete fc' 25 Mpa	1.38	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 261,407.88	Rp 1,516,498.56	Rp 1,777,906.44
	- Longitudinal Steel Reinforcement Dia.13 mm	143.80	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 425,492.36	Rp 1,874,481.94	Rp 2,299,974.30
	- Transversal Steel Reinforcement Ø.8 mm	66.62	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 197,138.44	Rp 868,481.98	Rp 1,065,620.42
	- Plywood Formwork	13.80	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 1,039,802.40	Rp 1,294,874.32	Rp 2,334,676.72
3	Concrete Wall W1, T = 20 cm								
	- Concrete fc' 25 Mpa	7.13	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 1,350,228.53	Rp 7,833,044.74	Rp 9,183,273.26
	- Steel Reinforcement Dia.13-150 mm	990.32	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 2,930,347.41	Rp 12,909,475.60	Rp 15,839,823.01
	- Steel Reinforcement Dia.10-150 mm	586.40	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,735,148.13	Rp 7,644,094.47	Rp 9,379,242.61
	- Plywood Formwork	39.20	m2	Rp 75,348.00	Rp 93,831.47	Rp 169,179.47	Rp 2,953,942.99	Rp 3,678,569.04	Rp 6,632,512.03
4	Swimming Pool Floor Slab , T = 20 cm								
	- Lean Concrete	0.64	m3	Rp 189,426.00	Rp 1,016,652.00	Rp 1,206,078.00	Rp 121,611.49	Rp 652,690.58	Rp 774,302.08
	- Concrete fc' 25 Mpa	4.28	m3	Rp 189,426.00	Rp 1,098,912.00	Rp 1,288,338.00	Rp 810,743.28	Rp 4,703,343.36	Rp 5,514,086.64
	- Steel Reinforcement Ø.10 - 150 mm (2 lapis)	352.10	kg	Rp 2,959.00	Rp 13,035.70	Rp 15,994.70	Rp 1,041,867.85	Rp 4,589,888.38	Rp 5,631,756.22
Total Work B							Rp 17,493,739.73	Rp 67,890,244.17	Rp 85,383,983.90
Total Swimming Pool Structure Work (V.1) A+B							Rp 24,815,999.48	Rp 68,425,753.17	Rp 93,241,752.65
V.2	SWIMMING POOL ARCHITECTURE WORK								
V.2.A	WALL FINISHES								
1	Andesit Natural Stone + Coating Natural	14.56	m2	Rp 178,800.00	Rp 185,040.00	Rp 363,840.00	Rp 2,603,328.00	Rp 2,694,182.40	Rp 5,297,510.40
2	Green Stone 10x10 cm + Coating Natural	22.84	m2	Rp 197,700.00	Rp 172,440.00	Rp 370,140.00	Rp 4,515,468.00	Rp 3,938,529.60	Rp 8,453,997.60
Total Work A							Rp 7,118,796.00	Rp 6,632,712.00	Rp 13,751,508.00
V.2.B	FLOOR FINISHES								
1	Natural Stone for Topping Pool	19.40	m	Rp 58,500.00	Rp 150,000.00	Rp 208,500.00	Rp 1,134,900.00	Rp 2,910,000.00	Rp 4,044,900.00
2	Green Stone 10x10 cm + Coating Natural	17.64	m2	Rp 197,700.00	Rp 172,440.00	Rp 370,140.00	Rp 3,487,428.00	Rp 3,041,841.60	Rp 6,529,269.60
Total Work B							Rp 4,622,328.00	Rp 5,951,841.60	Rp 10,574,169.60

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
V.2.C	WATERPROOFING								
1	Waterproofing Cement Base	55.04	m2	Rp 30,998.50	Rp 89,082.50	Rp 120,081.00	Rp 1,706,157.44	Rp 4,903,100.80	Rp 6,609,258.24
Total Work C							Rp 1,706,157.44	Rp 4,903,100.80	Rp 6,609,258.24
Total Swimming Pool Architecture Work (V.2) A+B+C							Rp 13,447,281.44	Rp 17,487,654.40	Rp 30,934,935.84
V.3	MEP SWIMMING POOL WORK								
V.3.A	MECHANICAL WORK								
1	Swimming Pool Pump Installation Work Ex. Pentair	1.00	unit	Rp 1,200,000.00	Rp 10,890,000.00	Rp 12,090,000.00	Rp 1,200,000.00	Rp 10,890,000.00	Rp 12,090,000.00
2	Submersible Pump Installation Work for Sampit	1.00	unit	Rp 362,000.00	Rp 4,888,000.00	Rp 5,250,000.00	Rp 362,000.00	Rp 4,888,000.00	Rp 5,250,000.00
3	Sand Filter Installation Work	1.00	unit	Rp 520,000.00	Rp 9,340,000.00	Rp 9,860,000.00	Rp 520,000.00	Rp 9,340,000.00	Rp 9,860,000.00
Total Work A							Rp 2,082,000.00	Rp 25,118,000.00	Rp 27,200,000.00
V.3.B	ELECTRICAL WORK								
	ELECTRICAL INSTALATION								
1	SUPREME Cable Installation Includes Conduit Pipes Wiring for Pool Light 12 Watt	2.00	point	Rp 84,500.00	Rp 258,245.00	Rp 342,745.00	Rp 169,000.00	Rp 516,490.00	Rp 685,490.00
	ELECTRICAL ACCESSORIES								
1	LED Pool Light Under Water 12 Watt Ex. Lumascape	2.00	pcs	Rp 26,000.00	Rp 3,900,000.00	Rp 3,926,000.00	Rp 52,000.00	Rp 7,800,000.00	Rp 7,852,000.00
Total Work B							Rp 221,000.00	Rp 8,316,490.00	Rp 8,537,490.00
V.3.C	PLUMBING WORK								
	PIPE INSTALATION								
1	Pipe PVC Tipe AW Diameter 2" Ex. Rucika	60.00	m	Rp 68,818.75	Rp 22,581.00	Rp 91,399.75	Rp 4,129,125.00	Rp 1,354,860.00	Rp 5,483,985.00
2	PVC Ball Valve 2"	9.00	bh	Rp 30,000.00	Rp 500,000.00	Rp 530,000.00	Rp 270,000.00	Rp 4,500,000.00	Rp 4,770,000.00
3	Universal Joint/ Watermur PVC Dia. 2"	4.00	bh	Rp 30,000.00	Rp 500,000.00	Rp 530,000.00	Rp 120,000.00	Rp 2,000,000.00	Rp 2,120,000.00
4	Pipe PVC Tipe AW Diameter 4" Ex. Rucika	16.00	m	Rp 33,881.25	Rp 208,658.45	Rp 242,539.70	Rp 542,100.00	Rp 3,338,535.20	Rp 3,880,635.20
5	Fiting-Fiting Ex. Rucika	1.00	ls	Rp 200,000.00	Rp 1,500,000.00	Rp 1,700,000.00	Rp 200,000.00	Rp 1,500,000.00	Rp 1,700,000.00
	POOL EQUIPMENT								
1	Main Drain 1.5" Astral	1.00	unit	Rp 75,000.00	Rp 715,000.00	Rp 790,000.00	Rp 75,000.00	Rp 715,000.00	Rp 790,000.00
2	Skimer Box	1.00	bh	Rp 250,000.00	Rp 1,302,000.00	Rp 1,552,000.00	Rp 250,000.00	Rp 1,302,000.00	Rp 1,552,000.00
3	Floor Inlet Nozzle	4.00	bh	Rp 100,000.00	Rp 350,000.00	Rp 450,000.00	Rp 400,000.00	Rp 1,400,000.00	Rp 1,800,000.00
4	Wall Inlet Nozzle	4.00	bh	Rp 100,000.00	Rp 350,000.00	Rp 450,000.00	Rp 400,000.00	Rp 1,400,000.00	Rp 1,800,000.00
5	Vacuum Connection Fitting	1.00	bh	Rp 95,000.00	Rp 319,000.00	Rp 414,000.00	Rp 95,000.00	Rp 319,000.00	Rp 414,000.00
6	Water Treatment (Fill Pool And Apply Chemicals)	1.00	ls	Rp -	Rp 1,500,000.00	Rp 1,500,000.00	Rp -	Rp 1,500,000.00	Rp 1,500,000.00
Total Work C							Rp 6,481,225.00	Rp 19,329,395.20	Rp 25,810,620.20
Total Swimming Pool MEP Work (V.3) A+B+C							Rp 8,784,225.00	Rp 52,763,885.20	Rp 61,548,110.20
Total Swimming Pool Work (V.1+V.2+V.3)							Rp 47,047,505.92	Rp 138,677,292.77	Rp 185,724,798.69

BILL OF QUANTITY (BOQ)

PROJECT : PRIVATE HOUSE MR. XXXXX
 LOCATION : XXXX
 YEAR : 2023
 SUBJECT : BOUNDARY WALL WORK

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
VI	BOUNDARY WALL								
VI.1	BOUNDARY WALL STRUCTURAL WORKS								
VI.1.A	GROUND WORK								
1	Soil Excavation Work - Soil Excavation for Continuous Foundation	74.37	m3	Rp 147,225.00	Rp -	Rp 147,225.00	Rp 10,949,662.09	Rp -	Rp 10,949,662.09
2	Sand Fill Work - Sand Fill Below Continuous Foundation	6.20	m3	Rp 52,325.00	Rp 269,100.00	Rp 321,425.00	Rp 324,300.15	Rp 1,667,829.33	Rp 1,992,129.47
3	Backfill Work - Backfill Continuous Foundation	29.75	m3	Rp 52,325.00	Rp -	Rp 52,325.00	Rp 1,556,640.70	Rp -	Rp 1,556,640.70
4	Continuous Foundation - Gravel for Continuous Foundation - Rock Fill for Continuous Foundation Mix.1 Cement : 5 Sand	11.02 26.17	m3 m3	Rp 135,882.50 Rp 163,832.50	Rp 400,088.00 Rp 683,540.00	Rp 535,970.50 Rp 847,372.50	Rp 1,497,196.87 Rp 4,287,252.41	Rp 4,408,297.61 Rp 17,887,223.33	Rp 5,905,494.48 Rp 22,174,475.74
	Total Work A						Rp 18,615,052.23	Rp 23,963,350.26	Rp 42,578,402.49
VI.1.B	CONCRETE WORK								
1	Concrete Beam S2 (150x250 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Ø.10 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	4.38 431.91 276.51 58.34	m3 kg kg m2	Rp 189,426.00 Rp 2,959.00 Rp 2,959.00 Rp 75,348.00	Rp 1,098,912.00 Rp 13,035.70 Rp 13,035.70 Rp 93,831.47	Rp 1,288,338.00 Rp 15,994.70 Rp 15,994.70 Rp 169,179.47	Rp 828,762.43 Rp 1,278,028.61 Rp 818,186.88 Rp 4,395,425.58	Rp 4,807,877.36 Rp 5,630,280.95 Rp 3,604,474.84 Rp 5,473,658.93	Rp 5,636,639.79 Rp 6,908,309.56 Rp 4,422,661.71 Rp 9,869,084.51
2	Concrete Columns K9 (150X150 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Ø.10 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	2.59 283.82 211.98 69.00	m3 kg kg m2	Rp 189,426.00 Rp 2,959.00 Rp 2,959.00 Rp 75,348.00	Rp 1,098,912.00 Rp 13,035.70 Rp 13,035.70 Rp 93,831.47	Rp 1,288,338.00 Rp 15,994.70 Rp 15,994.70 Rp 169,179.47	Rp 490,139.78 Rp 839,823.38 Rp 627,258.68 Rp 5,199,012.00	Rp 2,843,434.80 Rp 3,699,793.20 Rp 2,763,351.76 Rp 6,474,371.58	Rp 3,333,574.58 Rp 4,539,616.58 Rp 3,390,610.44 Rp 11,673,383.58
3	Concrete Beam RB4 (150x200 mm) - Concrete fc' 25 Mpa - Longitudinal Steel Reinforcement Ø.10 mm - Transversal Steel Reinforcement Ø.8 mm - Plywood Formwork	5.16 339.92 326.42 89.52	m3 kg kg m2	Rp 189,426.00 Rp 2,959.00 Rp 2,959.00 Rp 75,348.00	Rp 1,098,912.00 Rp 13,035.70 Rp 13,035.70 Rp 93,831.47	Rp 1,288,338.00 Rp 15,994.70 Rp 15,994.70 Rp 169,179.47	Rp 978,354.51 Rp 1,005,808.99 Rp 965,870.06 Rp 6,745,443.05	Rp 5,675,701.91 Rp 4,431,033.20 Rp 4,255,084.55 Rp 8,400,154.64	Rp 6,654,056.42 Rp 5,436,842.19 Rp 5,220,954.62 Rp 15,145,597.69
	Total Work B						Rp 24,172,113.95	Rp 58,059,217.73	Rp 82,231,331.68
	Total Boundary Wall Structure Work (VI.1) A+B						Rp 42,787,166.18	Rp 82,022,567.99	Rp 124,809,734.17
VI.2	BOUNDARY WALL ARCHITECTURE WORK								
VI.2.A	WALL FINISHES								
1	Red Brick Wall	325.37	m2	Rp 43,920.00	Rp 104,772.00	Rp 148,692.00	Rp 14,290,063.74	Rp 34,089,220.36	Rp 48,379,284.10
2	Rendered Concrete Plaster	479.37	m2	Rp 41,080.00	Rp 21,075.60	Rp 62,155.60	Rp 19,692,581.22	Rp 10,103,041.99	Rp 29,795,623.21
3	Smooth Plaster to Wall	479.37	m2	Rp 39,780.00	Rp 5,809.38	Rp 45,589.38	Rp 19,069,398.27	Rp 2,784,848.81	Rp 21,854,247.08
4	Exterior Wall Andesit Natural Stone + Coating Natural	85.68	m2	Rp 178,800.00	Rp 185,040.00	Rp 363,840.00	Rp 15,319,584.00	Rp 15,854,227.20	Rp 31,173,811.20
5	Decorative Wall Moulding	106.53	m	Rp 150,000.00	Rp 200,000.00	Rp 350,000.00	Rp 15,979,050.00	Rp 21,305,400.00	Rp 37,284,450.00
6	Iron Trellis Classic	17.00	unit	Rp 150,000.00	Rp 900,000.00	Rp 1,050,000.00	Rp 2,550,000.00	Rp 15,300,000.00	Rp 17,850,000.00
	Total Work A						Rp 86,900,677.23	Rp 99,436,738.35	Rp 186,337,415.58
VI.2.B	WALL AND CEILING PAINT								
1	Paint Wall for Exterior	263.09	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 6,226,489.91	Rp 11,974,163.75	Rp 18,200,653.66
2	Waterproofing Wall Paint	216.29	m2	Rp 23,667.15	Rp 45,514.30	Rp 69,181.45	Rp 5,118,867.29	Rp 9,844,094.51	Rp 14,962,961.80
	Total Work B						Rp 11,345,357.20	Rp 21,818,258.26	Rp 33,163,615.46

NO	WORK DESCRIPTION	VOLUME	UNIT	UNIT PRICE LABOR (Rp.)	UNIT PRICE MATERIAL (Rp.)	UNIT PRICE LABOR + MATERIAL (Rp.)	AMOUNT LABOR (Rp.)	AMOUNT MATERIAL (Rp.)	AMOUNT LABOR + MATERIAL (Rp.)
1	2	3	4	5	6	7	8	9	10
	Total Boundary Wall Architecture Work (VI.2) A						Rp 98,246,034.43	Rp 121,254,996.61	Rp 219,501,031.04
	Total Boundary Wall Work (VI.1+VI.2)						Rp 141,033,200.60	Rp 203,277,564.61	Rp 344,310,765.21