

**UNIT PRICE LIST OF MAIN ACTIVITIES
SURABAYA CITY 2021**

NUMBER	ACTIVITY DESCRIPTION	COEFFICIENT	UNIT	UNIT PRICE	COST
3	UNIT PRICE OF BASIC ACTIVITIES				
3.1	PREPARATION AND LANDWORKS				
3.1.1	PREPARATION WORK				
3.1.1.03	Construction of Temporary Fencing with 2 m High Corrugated Metal Sheets		M'		
	Labor:				
	Foreman	0.0200	O.H	171,040	3,421
	Head Carpenter	0.0200	O.H	161,040	3,221
	Carpenter	0.4000	O.H	156,040	62,416
	Worker	0.2000	O.H	146,040	29,208
	Materials:			Labor Cost:	98,266
	Machine-Crushed Stone 2/3 cm	0.0090	M3	175,000	1,575
	Mini Paint Bucket	0.4500	Kg	35,000	15,750
	Regular Nails (2-5 inch)	0.0600	Kg	18,000	1,080
	Wooden Planks (8-10 cm, Length 4 m)	1.2500	Batang	10,000	12,500
	Cement PC (40 kg)	0.0625	Sak	52,000	3,250
	Meranti Wood Props	0.0720	M3	3,700,000	266,400
	Concrete Sand	0.0050	M3	265,000	1,325
	Corrugated Metal Sheets BJLS 30 (80 x 180 cm)	1.2000	Lembar	55,000	66,000
				Materials Cost:	367,880
				Total Cost:	466,146
3.3	MAIN STRUCTURAL WORK				
3.3.1.13	Rebar Work for Concrete (Plain/Deformed Steel)		Kg		
	Labor:				
	Foreman	0.0004	O.H	171,040	68
	Head Carpenter	0.0007	O.H	161,040	113
	Carpenter	0.0070	O.H	156,040	1,092
	Worker	0.0070	O.H	146,040	1,022
	Materials:			Labor Cost:	2,296
	Plain/Deformed Rebar Steel	1.0500	Kg	9,500	9,975
	Binding Wire	0.0150	Kg	13,800	207
				Materials Cost:	10,182
				Total Cost:	466,146

SPECIFIC WEIGHT OF REBAR

diameter mm	specific weight kg/m	specific weight kg	Strength BJTP (Plain Rebar)	Strength BJTD (Deformed Rebar)
8	0.395	4.735	BJTP-24	
10	0.617	7.398	BJTP-24	BJTD-40
12	0.888	10.653		BJTD-40
13	1.042	12.503		BJTD-40
16	1.578	18.939		BJTD-40
19	2.226	26.707		BJTD-40
22	2.984	35.806		BJTD-40
25	3.853	46.238		BJTD-40
32	6.313	75.756		BJTD-40

AMOUNT OF REBAR

NO	JOB DESCRIPTION	UNIT	COEFFICIENT	AMOUNT OF REBAR EACH FLOOR						
				7th Floor	8th Floor	9th Floor	10th Floor	11th Floor	12th Floor	13th Floor
I REINFORCEMENT WORK										
A Beam										
Zona 1										
1	10 Rebar	Kg	1.05	777.46	777.46	651.85	651.85	651.85	777.94	773.61
2	D13 Rebar	Kg	1.05	6592.95	6592.95	5271.80	5271.80	5271.80	6607.39	6886.35
3	D16 Rebar	Kg	1.05	2130.82	2130.82	2015.78	2015.78	2015.78	2131.47	2130.39
4	D19 Rebar	Kg	1.05	4231.72	4231.72	3212.88	3212.88	3212.88	4231.29	4666.27
5	D22 Rebar	Kg	1.05	4720.26	4720.26	4163.62	4163.62	4163.62	4726.25	4726.25
	total			18453.21	18453.21	15315.93	15315.93	15315.93	18474.33	19182.88
Zona 2										
1	10 Rebar	Kg	1.05	516.84	516.84	516.84	516.84	516.84	516.84	511.22
2	D13 Rebar	Kg	1.05	1441.77	1441.77	1442.39	1442.39	1442.39	1441.77	1120.69
3	D16 Rebar	Kg	1.05	1196.91	1196.91	1196.91	1196.91	1196.91	1196.90	1185.82
4	D19 Rebar	Kg	1.05	650.03	650.03	663.46	663.46	663.46	650.03	228.41
5	D22 Rebar	Kg	1.05	850.04	850.04	850.04	850.04	850.04	850.02	850.02
	total			4655.60	4655.60	4669.64	4669.64	4669.64	4655.56	3896.16
B Slab										
Zona 1										
1	8 Rebar	Kg	1.05	1343.11	1343.11	1256.90	1256.90	1256.90	1249.53	1226.47
2	10 Rebar	Kg	1.05	187.89	187.89	189.83	189.83	189.83	191.45	14.90
3	D10 Rebar	Kg	1.05	1822.84	1822.84	1995.40	1995.40	1995.40	1978.80	2024.83
	total			3353.84	3353.84	3442.13	3442.13	3442.13	3419.78	3266.20
Zona 2										
1	8 Rebar	Kg	1.05	316.63	316.63	316.63	316.63	316.63	316.63	327.80
2	10 Rebar	Kg	1.05	93.30	93.30	91.68	91.68	91.68	91.68	12.31
3	D10 Rebar	Kg	1.05	767.13	767.13	848.76	848.76	848.76	850.81	843.14
	total			1177.06	1177.06	1257.07	1257.07	1257.07	1259.11	1183.25
C Column										
Zona 1										
1	D10 Rebar	Kg	1.05	0.00	0.00	246.70	246.70	246.70	246.70	246.70
2	D13 Rebar	Kg	1.05	6272.75	6272.75	5540.46	5540.46	5540.46	5542.09	5554.24
3	D19 Rebar	Kg	1.05	3027.51	3027.51	3027.51	3027.51	3027.51	3027.51	3010.07
4	D32 Rebar	Kg	1.05	6234.80	6234.80	6234.80	6234.80	6234.80	6234.80	5307.76
	total			15535.07	15535.07	15049.48	15049.48	15049.48	15051.11	14118.77
Zona 2										
1	D10 Rebar	Kg	1.05	0.00	0.00	246.70	246.70	246.70	246.70	246.70
2	D13 Rebar	Kg	1.05	3435.97	3435.97	2748.13	2748.13	2748.13	2744.88	2757.02
3	D19 Rebar	Kg	1.05	3027.51	3027.51	3027.51	3027.51	3027.51	3027.51	3010.07
4	D32 Rebar	Kg	1.05	1961.51	1961.51	1961.51	1961.51	1961.51	1961.51	1691.15
	total			8424.99	8424.99	7983.86	7983.86	7983.86	7980.60	7704.95
D Shearwall										
Zona 1										
1	D10 Rebar	Kg	1.05	16.05	16.05	16.05	16.05	16.05	16.05	16.05
2	D13 Rebar	Kg	1.05	1339.04	1339.04	1376.63	1376.63	1376.63	1339.04	1337.58
3	D19 Rebar	Kg	1.05	1914.45	1914.45	1914.45	1914.45	1914.45	1914.45	1914.45
	total			3269.55	3269.55	3307.14	3307.14	3307.14	3269.55	3268.08
Zona 2										
1	D10 Rebar	Kg	1.05	16.05	16.05	16.05	16.05	16.05	16.05	16.05
2	D13 Rebar	Kg	1.05	1337.58	1337.58	1337.58	1337.58	1337.58	1331.73	1332.27
3	D19 Rebar	Kg	1.05	1914.45	1914.45	1914.45	1914.45	1914.45	1914.45	1914.45
	total			3268.09	3268.09	3268.09	3268.09	3268.09	3262.24	3262.78

JOBS DESCRIPTION

NO	MATERIAL	UNIT	JULY				AUGUST				SEPTEMBER				OCTOBER	
			39 14/07/2024 08/07/2024	40 21/07/2024 15/07/2024	41 28/07/2024 22/07/2024	42 04/08/2024 29/07/2024	43 11/08/2024 05/08/2024	44 18/08/2024 12/08/2024	45 25/08/2024 19/08/2024	46 01/09/2024 26/08/2024	47 08/09/2024 02/09/2024	48 15/09/2024 09/09/2024	49 22/09/2024 16/09/2024	50 29/09/2024 23/09/2024	51 06/10/2024 30/09/2024	52 13/10/2024 07/10/2024
A Reinforcement Work																
1	Ø8 Rebar	Kg	floor7 zone 1 slab	floor 7 zone 2 slab	floor 8 zone 1 slab	floor 8 zone 2 slab	floor 9 zone 1 slab	floor 9 zone 2 slab	floor 10 zone 1 slab	floor 10 zone 2 slab	floor 11 zone 1,2 slab	floor 11 zone 2 slab	floor 12 zone 1,2 slab	floor 12 zone 2 slab	floor 13 zone 1,2 slab	floor 13 zone 2 slab
2	Ø10 Rebar	Kg	floor 7 zone 1 slab, beam	floor 7 zone 2 slab, beam	floor 8 zone 1 slab, beam	floor 8 zone 2 slab, beam	floor 9 zone 1 slab, beam	floor 9 zone 2 slab, beam	floor 10 zone 1 slab, beam	floor 10 zone 2 slab, beam	floor 11 zone 1,2 slab, beam	floor 11 zone 2 slab, beam	floor 12 zone 1,2 slab, beam	floor 12 zone 2 slab, beam	floor 13 zone 1,2 slab, beam	floor 13 zone 2 slab, beam
3	D10 Rebar	Kg	floor 7 zone 1 slab, shearwall	floor 7 zone 2 slab, shearwall	floor 8 zone 1 slab, shearwall	floor 8 zone 2 slab, shearwall	floor 9 zone 1 slab, column, shearwall	floor 9 zone 2 slab, column, shearwall	floor 10 zone 1 slab, column, shearwall	floor 10 zone 2 slab, column, shearwall	floor 11 zone 1 slab, column, shearwall & zone 2 slab	floor 11 zone 2 slab, column, shearwall	floor 12 zone 1 slab, column, shearwall & zone 2 slab	floor 12 zone 2 slab, column, shearwall	floor 13 zone 1 slab, column, shearwall & zone 2 slab	floor 13 zone 2 slab, column, shearwall
4	D13 Rebar	Kg	floor 7 zone 1 beam, column, shearwall	floor 7 zone 2 beam, column, shearwall	floor 8 zone 1 beam, column, shearwall	floor 8 zone 2 beam, column, shearwall	floor 9 zone 1 beam, column, shearwall	floor 9 zone 2 beam, column, shearwall	floor 10 zone 1 beam, column, shearwall	floor 10 zone 2 beam, column, shearwall	floor 11 zone 1 beam, column, shearwall & zone 2	floor 11 zone 2 beam, column, shearwall	floor 12 zone 1 beam, column, shearwall & zone 2	floor 12 zone 2 beam, column, shearwall	floor 13 zone 1 beam, column, shearwall & zone 2	floor 13 zone 2 beam, column, shearwall
5	D16 Rebar	Kg	floor7 zone 1 beam	floor7 zone 2 beam	floor 8 zone 1 beam	floor 8 zone 2 beam	floor 9 zone 1 beam	floor 9 zone 2 beam	floor 10 zone 1 beam	floor 10 zone 2 beam	floor 11 zone 1,2 beam	floor 11 zone 2 beam	floor 12 zone 1,2 beam	floor 12 zone 2 beam	floor 13 zone 1,2 beam	floor 13 zone 2 beam
6	D19 Rebar	Kg	floor 7 zone 1 beam, column, shearwall	floor 7 zone 2 beam, column, shearwall	floor 8 zone 1 beam, column, shearwall	floor 8 zone 2 beam, column, shearwall	floor 9 zone 1 beam, column, shearwall	floor 9 zone 2 beam, column, shearwall	floor 10 zone 1 beam, column, shearwall	floor 10 zone 2 beam, column, shearwall	floor 11 zone 1 beam, column, shearwall & zone 2	floor 11 zone 2 beam, column, shearwall	floor 12 zone 1 beam, column, shearwall & zone 2	floor 12 zone 2 beam, column, shearwall	floor 13 zone 1 beam, column, shearwall & zone 2	floor 13 zone 2 beam, column, shearwall
7	D22 Rebar	Kg	floor7 zone 1 beam	floor 7 zone 2 beam	floor 8 zone 1 beam	floor 8 zone 2 beam	floor 9 zone 1 beam	floor 9 zone 2 beam	floor 10 zone 1 beam	floor 10 zone 2 beam	floor 11 zone 1,2 beam	floor 11 zone 2 beam	floor 12 zone 1,2 beam	floor 12 zone 2 beam	floor 13 zone 1,2 beam	floor 13 zone 2 beam
8	D32 Rebar	Kg	floor7 zone 1 column	floor 7 zone 2 column	floor 8 zone 1 column	floor 8 zone 2 column	floor 9 zone 1 column	floor 9 zone 2 column	floor 10 zone 1 column	floor 10 zone 2 column	floor 11 zone 1 column	floor 11 zone 2 column	floor 12 zone 1 column	floor 12 zone 2 column	floor 13 zone 1 column	floor 13 zone 2 column

SILVER MEAL ITERATION

Ø8 Rebar

Ordering Cost Rp 400
 Holding Cost Rp 27,843
 Purchasing Cost Rp 9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
49	1350.83	1350.83	1	Rp 540,333.97	Rp -	Rp 540,333.97	
49;50	211.08	1561.92	2	Rp 624,767.69	Rp 27,842.51	Rp 326,305.10	
49;50;51	437.06	1998.98	3	Rp 799,593.53	Rp 83,527.54	Rp 294,373.69	
49;50;51;52	218.53	2217.52	4	Rp 887,006.45	Rp 167,055.08	Rp 263,515.38	Rp 21,066,403.14

Ø10 Rebar

Ordering Cost Rp 400
 Holding Cost Rp 27,843
 Purchasing Cost Rp 9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
45;46	621.25	621.25	2	Rp 248,500.44	Rp 27,842.51	Rp 138,171.48	Rp 5,901,885.45
45;46;47	1044.52	1665.77	3	Rp 666,309.72	Rp 83,527.54	Rp 249,945.75	
47	1044.52	1044.52	1	Rp 417,809.28	Rp -	Rp 417,809.28	
47;48	405.68	1450.20	2	Rp 580,081.32	Rp 27,842.51	Rp 303,961.92	Rp 13,776,931.35
47;48;49	1141.67	2591.87	3	Rp 1,036,749.28	Rp 83,527.54	Rp 373,425.61	
49	1141.67	1141.67	1	Rp 456,667.96	Rp -	Rp 456,667.96	
49;50	405.68	1547.35	2	Rp 618,940.00	Rp 27,842.51	Rp 323,391.26	Rp 14,699,825.00
49;50;51	960.43	2507.78	3	Rp 1,003,112.18	Rp 83,527.54	Rp 362,213.24	
51	960.43	960.43	1	Rp 384,172.18	Rp -	Rp 384,172.18	
51;52	349.02	1309.45	2	Rp 523,779.90	Rp 27,842.51	Rp 275,811.21	Rp 12,439,772.63

D10 Rebar

Ordering Cost Rp 400
 Holding Cost Rp 27,843
 Purchasing Cost Rp 9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
43	799.72	799.72	1	Rp 319,887.90	Rp -	Rp 319,887.90	Rp 7,597,337.63
43;44	1111.52	1911.24	2	Rp 764,494.02	Rp 27,842.51	Rp 396,168.27	
44	1111.52	1111.52	1	Rp 444,606.12	Rp -	Rp 444,606.12	Rp 10,559,395.35
44;45	2258.15	3369.67	2	Rp 1,347,866.94	Rp 27,842.51	Rp 687,854.73	
45	2258.15	2258.15	1	Rp 903,260.82	Rp -	Rp 903,260.82	
45;46	1111.52	3369.67	2	Rp 1,347,866.94	Rp 27,842.51	Rp 687,854.73	Rp 32,011,839.83
45;46;47	2541.07	5910.74	3	Rp 2,364,295.78	Rp 83,527.54	Rp 815,941.11	
47	2541.07	2541.07	1	Rp 1,016,428.84	Rp -	Rp 1,016,428.84	
47;48	828.60	3369.67	2	Rp 1,347,866.94	Rp 27,842.51	Rp 687,854.73	Rp 32,011,839.83
47;48;49	2541.21	5910.88	3	Rp 2,364,352.34	Rp 83,527.54	Rp 815,959.96	
49	2541.21	2541.21	1	Rp 1,016,485.40	Rp -	Rp 1,016,485.40	
49;50	829.96	3371.18	2	Rp 1,348,470.06	Rp 27,842.51	Rp 688,156.29	
49;50;51	1386.95	4758.12	3	Rp 1,903,249.32	Rp 83,527.54	Rp 662,258.95	
49;50;51;52	824.85	5582.97	4	Rp 2,233,189.98	Rp 167,055.08	Rp 600,061.26	Rp 53,038,262.03

D13 Rebar

Ordering Cost Rp 400
 Holding Cost Rp 27,843
 Purchasing Cost Rp 9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
39	13429.58	13429.58	1	Rp 5,371,832.78	Rp -	Rp 5,371,832.78	
39;40	6215.32	19644.90	2	Rp 7,857,961.46	Rp 27,842.51	Rp 3,942,901.99	Rp 186,626,584.77
39;40;41	14204.74	33849.65	3	Rp 13,539,859.22	Rp 55,685.03	Rp 4,531,848.08	
41	14204.74	14204.74	1	Rp 5,681,897.76	Rp -	Rp 5,681,897.76	
41;42	6215.32	20420.07	2	Rp 8,168,026.44	Rp 27,842.51	Rp 4,097,934.48	Rp 193,990,627.95

41;42;43	12188.90	32608.96	3	Rp13,043,585.52	Rp 83,527.54	Rp 4,375,704.35	
43	12188.90	12188.90	1	Rp 4,875,559.08	Rp -	Rp 4,875,559.08	
43;44	5528.10	17717.00	2	Rp 7,086,799.86	Rp 27,842.51	Rp 3,557,321.19	Rp168,311,496.68
43;44;45	12188.90	29905.90	3	Rp11,962,358.94	Rp 83,527.54	Rp 4,015,295.49	
45	12188.90	12188.90	1	Rp 4,875,559.08	Rp -	Rp 4,875,559.08	
45;46	5528.10	17717.00	2	Rp 7,086,799.86	Rp 27,842.51	Rp 3,557,321.19	Rp168,311,496.68
45;46;47	12669.69	30386.69	3	Rp12,154,677.36	Rp 83,527.54	Rp 4,079,401.63	
47	12669.69	12669.69	1	Rp 5,067,877.50	Rp -	Rp 5,067,877.50	
47;48	5047.31	17717.00	2	Rp 7,086,799.86	Rp 27,842.51	Rp 3,557,321.19	Rp168,311,496.68
47;48;49	15308.36	33025.36	3	Rp13,210,145.76	Rp 83,527.54	Rp 4,431,224.43	
49	15308.36	15308.36	1	Rp 6,123,345.90	Rp -	Rp 6,123,345.90	
49;50	5038.20	20346.57	2	Rp 8,138,626.02	Rp 27,842.51	Rp 4,083,234.27	Rp193,292,367.98
49;50;51	14151.73	34498.30	3	Rp13,799,318.96	Rp 83,527.54	Rp 4,627,615.50	
51	14151.73	14151.73	1	Rp 5,660,692.94	Rp -	Rp 5,660,692.94	
51;52	4836.41	18988.15	2	Rp 7,595,258.58	Rp 27,842.51	Rp 3,811,550.55	Rp180,387,391.28

D16 Rebar

Ordering Cost	Rp	400
Holding Cost	Rp	27,843
Purchasing Cost	Rp	9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
40;41	2276.82	2276.82	2	Rp 910,728.08	Rp 27,842.51	Rp 469,285.30	
40;41;42	1196.91	3473.73	3	Rp 1,389,491.54	Rp 83,527.54	Rp 491,006.36	
42	1196.91	1196.91	1	Rp 478,763.46	Rp -	Rp 478,763.46	
42;43	2015.78	3212.69	2	Rp 1,285,074.42	Rp 27,842.51	Rp 656,458.47	
43	2015.78	2015.78	1	Rp 806,310.96	Rp -	Rp 806,310.96	
43;44	1196.91	3212.69	2	Rp 1,285,076.52	Rp 27,842.51	Rp 656,459.52	Rp 30,520,567.35
43;44;45	2015.78	5228.47	3	Rp 2,091,387.48	Rp 83,527.54	Rp 724,971.67	
45	2015.78	2015.78	1	Rp 806,310.96	Rp -	Rp 806,310.96	
45;46	1196.91	3212.69	2	Rp 1,285,076.52	Rp 27,842.51	Rp 656,459.52	Rp 30,520,567.35
45;46;47	2414.75	5627.44	3	Rp 2,250,976.00	Rp 83,527.54	Rp 778,167.85	
47	2414.75	2414.75	1	Rp 965,899.48	Rp -	Rp 965,899.48	
47;48	797.94	3212.69	2	Rp 1,285,076.52	Rp 27,842.51	Rp 656,459.52	Rp 30,520,567.35
47;48;49	2530.44	5743.13	3	Rp 2,297,252.86	Rp 83,527.54	Rp 793,593.47	
49	2530.44	2530.44	1	Rp 1,012,176.34	Rp -	Rp 1,012,176.34	
49;50	797.94	3328.38	2	Rp 1,331,353.38	Rp 27,842.51	Rp 679,597.95	Rp 31,619,642.78
49;50;51	2525.67	5854.05	3	Rp 2,341,620.26	Rp 83,527.54	Rp 808,382.60	
51	2525.67	2525.67	1	Rp 1,010,266.88	Rp -	Rp 1,010,266.88	
51;52	790.55	3316.22	2	Rp 1,326,486.00	Rp 27,842.51	Rp 677,164.26	Rp 31,504,042.50

D19 Rebar

Ordering Cost	Rp	400
Holding Cost	Rp	27,843
Purchasing Cost	Rp	9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
39	9173.68	9173.68	1	Rp 3,669,473.22	Rp -	Rp 3,669,473.22	
39;40	5591.99	14765.68	2	Rp 5,906,271.00	Rp 27,842.51	Rp 2,967,056.76	Rp140,273,936.25
39;40;41	12418.93	27184.61	3	Rp10,873,842.00	Rp 83,527.54	Rp 3,652,456.51	
41	12418.93	12418.93	1	Rp 4,967,571.00	Rp -	Rp 4,967,571.00	
41;42	5591.99	18010.92	2	Rp 7,204,368.78	Rp 27,842.51	Rp 3,616,105.65	Rp171,103,758.53
41;42;43	8154.84	26165.76	3	Rp10,466,305.08	Rp 83,527.54	Rp 3,516,610.87	
43	8154.84	8154.84	1	Rp 3,261,936.30	Rp -	Rp 3,261,936.30	
43;44	5605.42	13760.26	2	Rp 5,504,102.94	Rp 27,842.51	Rp 2,765,972.73	Rp130,722,444.83
43;44;45	8154.84	21915.10	3	Rp 8,766,039.24	Rp 83,527.54	Rp 2,949,855.59	
45	8154.84	8154.84	1	Rp 3,261,936.30	Rp -	Rp 3,261,936.30	
45;46	5605.42	13760.26	2	Rp 5,504,102.94	Rp 27,842.51	Rp 2,765,972.73	Rp130,722,444.83
45;46;47	8375.99	22136.25	3	Rp 8,854,499.92	Rp 83,527.54	Rp 2,979,342.49	
47	8375.99	8375.99	1	Rp 3,350,396.98	Rp -	Rp 3,350,396.98	
47;48	5384.26	13760.26	2	Rp 5,504,102.94	Rp 27,842.51	Rp 2,765,972.73	Rp130,722,444.83
47;48;49	11308.86	25069.11	3	Rp10,027,645.18	Rp 83,527.54	Rp 3,370,390.91	
49	11308.86	11308.86	1	Rp 4,523,542.24	Rp -	Rp 4,523,542.24	
49;50	5384.26	16693.12	2	Rp 6,677,248.20	Rp 27,842.51	Rp 3,352,545.36	Rp158,584,644.75
49;50;51	9666.93	26360.05	3	Rp10,544,021.04	Rp 83,527.54	Rp 3,542,516.19	
51	9666.93	9666.93	1	Rp 3,866,772.84	Rp -	Rp 3,866,772.84	
51;52	5076.80	14743.73	2	Rp 5,897,493.00	Rp 27,842.51	Rp 2,962,667.76	Rp140,065,458.75

D22 Rebar

Ordering Cost Rp 400

Holding Cost Rp 27,843

Purchasing Cost Rp 9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
39	4720.26	4720.26	1	Rp 1,888,102.86	Rp -	Rp 1,888,102.86	
39;40	850.04	5570.30	2	Rp 2,228,119.74	Rp 27,842.51	Rp 1,127,981.13	Rp 52,917,843.83
39;40;41	4720.26	10290.56	3	Rp 4,116,222.60	Rp 83,527.54	Rp 1,399,916.71	
41	4720.26	4720.26	1	Rp 1,888,102.86	Rp -	Rp 1,888,102.86	
41;42	850.04	5570.30	2	Rp 2,228,119.74	Rp 27,842.51	Rp 1,127,981.13	Rp 52,917,843.83
41;42;43	4163.62	9733.91	3	Rp 3,893,565.90	Rp 83,527.54	Rp 1,325,697.81	
43	4163.62	4163.62	1	Rp 1,665,446.16	Rp -	Rp 1,665,446.16	
43;44	850.04	5013.66	2	Rp 2,005,463.04	Rp 27,842.51	Rp 1,016,652.78	Rp 47,629,747.20
43;44;45	4163.62	9177.27	3	Rp 3,670,909.20	Rp 83,527.54	Rp 1,251,478.91	
45	4163.62	4163.62	1	Rp 1,665,446.16	Rp -	Rp 1,665,446.16	
45;46	850.04	5013.66	2	Rp 2,005,463.04	Rp 27,842.51	Rp 1,016,652.78	Rp 47,629,747.20
45;46;47	4446.96	9460.62	3	Rp 3,784,248.16	Rp 83,527.54	Rp 1,289,258.57	
47	4446.96	4446.96	1	Rp 1,778,785.12	Rp -	Rp 1,778,785.12	
47;48	566.69	5013.66	2	Rp 2,005,463.04	Rp 27,842.51	Rp 1,016,652.78	Rp 47,629,747.20
47;48;49	5009.60	10023.25	3	Rp 4,009,301.38	Rp 83,527.54	Rp 1,364,276.31	
49	5009.60	5009.60	1	Rp 2,003,838.34	Rp -	Rp 2,003,838.34	
49;50	566.69	5576.29	2	Rp 2,230,516.26	Rp 27,842.51	Rp 1,129,179.39	Rp 52,974,761.18
49;50;51	5009.59	10585.88	3	Rp 4,234,351.24	Rp 83,527.54	Rp 1,439,292.93	
51	5009.59	5009.59	1	Rp 2,003,834.98	Rp -	Rp 2,003,834.98	
51;52	566.68	5576.27	2	Rp 2,230,506.18	Rp 27,842.51	Rp 1,129,174.35	Rp 52,974,521.78

D32 Rebar

Ordering Cost Rp 400

Holding Cost Rp 27,843

Purchasing Cost Rp 9,500

Period	Requirement	Cumulative Requirement	Total Period	Ordering Cost	Storage Cost	Total Cost/Period	Purchasing Cost
41	2461.75	2461.75	1	Rp 984,699.22	Rp -	Rp 984,699.22	
41;42	1961.51	4423.26	2	Rp 1,769,303.74	Rp 27,842.51	Rp 898,573.12	Rp 42,020,963.73
41;42;43	6234.80	10658.06	3	Rp 4,263,225.52	Rp 83,527.54	Rp 1,448,917.68	
43	6234.80	6234.80	1	Rp 2,493,921.78	Rp -	Rp 2,493,921.78	
43;44	1961.51	8196.32	2	Rp 3,278,526.30	Rp 27,842.51	Rp 1,653,184.41	Rp 77,864,999.63
43;44;45	6234.80	14431.12	3	Rp 5,772,448.08	Rp 83,527.54	Rp 1,951,991.87	
45	6234.80	6234.80	1	Rp 2,493,921.78	Rp -	Rp 2,493,921.78	
45;46	1961.51	8196.32	2	Rp 3,278,526.30	Rp 27,842.51	Rp 1,653,184.41	Rp 77,864,999.63
45;46;47	6234.80	14431.12	3	Rp 5,772,448.08	Rp 83,527.54	Rp 1,951,991.87	
47	6234.80	6234.80	1	Rp 2,493,921.78	Rp -	Rp 2,493,921.78	
47;48	1961.51	8196.32	2	Rp 3,278,526.30	Rp 27,842.51	Rp 1,653,184.41	Rp 77,864,999.63
47;48;49	6234.80	14431.12	3	Rp 5,772,448.08	Rp 83,527.54	Rp 1,951,991.87	
49	6234.80	6234.80	1	Rp 2,493,921.78	Rp -	Rp 2,493,921.78	
49;50	1961.51	8196.32	2	Rp 3,278,526.30	Rp 27,842.51	Rp 1,653,184.41	Rp 77,864,999.63
49;50;51	5307.76	13504.07	3	Rp 5,401,629.24	Rp 83,527.54	Rp 1,828,385.59	
51	5307.76	5307.76	1	Rp 2,123,102.94	Rp -	Rp 2,123,102.94	
51;52	1691.15	6998.91	2	Rp 2,799,564.18	Rp 27,842.51	Rp 1,413,703.35	Rp 66,489,649.28

