DAFTAR STANDARISASI HARGA KEPERLUAN DINAS PEKERJAAN UMUM UPAH TENAGA KERJA DAN BAHAN BANGUNAN

NO	KODE	URAIAN	UPAH KERJA (RP)	KETERANGAN
	X.1.	Upah Tenaga Kerja		
1	L.00	Buruh Tidak Terampil	97.300	1 hari = 7 jam kerja
2	L.01	Buruh Terampil/Pekerja	121.600	1 hari = 7 jam kerja
3	L.02	Tukang Kayu	129.800	1 hari = 7 jam kerja
4	L.02	Tukang Batu	129.800	1 hari = 7 jam kerja
5	L.02	Tukang Besi	129.800	1 hari = 7 jam kerja
6	L.02	Tukang Cat	129.800	1 hari = 7 jam kerja
7	L.03	Kepala Tukang	145.900	1 hari = 7 jam kerja
8	L.04	Mandor	137.800	1 hari = 7 jam kerja
9	L.05	Mekanik	186.500	1 hari = 7 jam kerja
10	L.06	Operator Terampil	170.300	1 hari = 7 jam kerja
11	L.07	Pembantu Operator	113.500	1 hari = 7 jam kerja
12	L.08	Sopir Terampil	121.600	1 hari = 7 jam kerja
13	L.09	Pembantu Sopir	105.400	1 hari = 7 jam kerja

X.2. Harga Peralatan

X.2.1. Alat Berat

NO	KODE	URAIAN	HP	KAPASITAS	HARGA ALAT	SATUAN	BIAYA SEWA (PER JAM)	KETERANGAN
1	E01	ASPHALT MIXING PLANT	294,0	60,0	3.749.383.340	T/Jam	6.706.107,32	
2	E02	ASPHALT FINISHER	72,4	10,0	1.287.200.270	Ton	675.218,49	
3	E03	ASPHALT SPRAYER	4,0	850,0	158.424.300	Liter	95.166,37	
4	E04	BULLDOZER 100-150 HP	155,0	-	1.980.000.000	-	861.191,21	
5	E05	COMPRESSOR 4000-6500 L\M	60,0	5000,0	234.703.010	Cpm/(L/m)	229.800,16	
6	E06	CONCRETE MIXER 0.3-0.6 M3	20,0	500,0	16.531.500	Liter	103.653,15	
7	E07	CRANE 10-15 TON	138,0	15,0	3.960.616.770	Ton	1.301.930,44	
8	E08	DUMP TRUCK 6 TON	100,0	3,5	285.377.774	Ton	330.423,31	
9	E09	DUMP TRUCK 10 TON	190,0	10,0	420.000.000	Ton	418.174,50	
10	E10	EXCAVATOR 80-140 HP	133,0	0,9	1.200.000.000	M ³	624.215,38	
11	E11	FLAT BED TRUCK 3-4 M3	190,0	10,0	780.387.740	Ton	648.831,85	
12	E12	GENERATOR SET	180,0	135,0	447.986.000	KVA	546.463,09	
13	E13	MOTOR GRADER >100 HP	135,0	10800,0	2.283.500.000	-	890.291,24	
14	E14	TRACK LOADER 75-100 HP	70,0	0,8	806.791.790	M ³	390.051,42	
15	E15	WHEEL LOADER 1.0-1.6 M3	96,0	1,5	-	M³	689.358,28	
16	E16	THREE WHEEL ROLLER 6-8 T	55,0	8,0	733.447.550	Ton	339.194,77	
17	E17	TANDEM ROLLER 6-8 T.	82,0	8,1	1.760.274.120	Ton	646.825,45	
18	E18	TIRE ROLLER 8-10 T.	100,5	9,0	1.617.251.410	Ton	653.164,95	
19	E19	VIBRATORY ROLLER 5-8 T.	82,0	7,1	1.320.205.590	Ton	540.552,42	
20	E20	CONCRETE VIBRATOR	5,5	25,0	14.268.889	-	63.334,20	
21	E21	STONE CRUSHER	220,0	50,0	3.244.404.210	T/Jam	1.326.375,60	
22	E22	WATER PUMP 70-100 mm	6,0	-	19.263.000	-	59.663,19	
23	E23	WATER TANKER 3000-4500 L.	100,0	4000,0	293.379.020	Liter	332.355,54	

NO	KODE	URAIAN	HP	KAPASITAS	HARGA ALAT	SATUAN	BIAYA SEWA (PER JAM)	KETERANGAN
24	E24	PEDESTRIAN ROLLER	8,8	1,0	139.354.880	Ton	102.398,90	
25	E25	TAMPER	4,7	0,2	22.002.860	Ton	65.460,78	
26	E26	JACK HAMMER	-	1330,0	44.006.750	-	51.170,14	
27	E27	FULVI MIXER	345,0	2005,0	3.667.237.750	-	3.008.022,80	
28	E28	CONCRETE PUMP	100,0	8,0	293.379.020	M ³	327.856,46	
29	E29	TRAILER 20 TON	175,0	20,0	1.100.170.810	Ton	676.040,76	
30	E30	PILE DRIVER + HAMMER	25,0	2,5	2.933.790.200	Ton	804.270,72	
31	E31	CRANE ON TRACK 35 TON	125,0	35,0	2.933.790.200	Ton	980.243,90	
32	E32	WELDING SET	40,0	250,0	110.016.360	Amp	155.496,53	
33	E33	BORE PILE MACHINE	150,0	2000,0	3.361.128.960	Meter	1.132.130,38	
34	E34	ASPHALT LIQUID WIXER (KAP	248,0	1000,0	366.723.260	Liter	148.724,83	
35	E35	TRAILLER 15 TON	150,0	15,0	666.770.500	Ton	675.963,23	
36	E36	ROCK DRILL BREAKER	3,0	-	60.008.830	-	98.841,21	
37	E37	COLD MILLING	248,0	1000,0	666.770.500	Meter	781.981,89	
38	E38	COLD RECYCLER	900,0	2,2	10.502.910.000	M	4.598.016,16	
39	E39	HOT REYCLER	400,0	3,0	34.134.457.500	M	9.200.025,79	
40	E40	AGGREGAT (CHIP) SPREADER	115,0	3,5	460.961.050	M	639.724,69	
41	E41	ASPHALT DISTRIBUTION	115,0	4000,0	460.961.050	Liter	438.398,43	
42	E42	SLIP FORM PAVER	105,0	2,5	1.560.431.460	M	657.885,51	
43	E43	CONCRETE PAN MIXER	134,0	600,0	1.166.990.000	Liter	780.695,30	
44	E44	CONCRETE BREAKER	290,0	20,0	10.502.910.000	M³/Jam	3.250.135,76	
45	E45	ASPHALT TANKER	190,0	4000,0	583.495.000	Liter	627.755,71	
46	E46	CEMENT TANKER	190,0	4000,0	583.495.000	Liter	592.335,71	
47	E47	CONCRETE MIXER (350)	20,0	350,0	40.844.650	Liter	100.422,14	
48	E48	VIBRATING RAMMER	4,2	80,0	23.339.800	Kg	64.850,08	
49	E49	TRUCK MIXER	220,0	5,0	875.242.500	M ³	738.027,72	
50	E50	BORE PILE MACHINE	125,0	60,0	3.361.128.960	CM	1.373.136,31	
51	E51	CRANE ON TRACK 75 - 100 TO	200,0	75,0	5.857.664.000	Ton	1.897.049,84	
52	E52	BLENDING EQUIPMENT		30,0	583.495.000	Ton	348.424,92	
53	E64a	MESIN POTONG RUMPUT			2.832.500			
54	E64b	PICK UP TRUCK			236.797.000			
55	E64c	CHAIN SAW			3.965.500		50.792,70	
56	E54	BAR BENDER			38.690.000		62.277,85	
57	E55	BAR CUTTER			79.500.000		76.645,09	
58	E56	BREAKER			-		217.314,06	
59	E57	GROUTING PUMP			143.100.000		296.064,36	
60	E58	JACK HIDROLIK			28.620.000		54.083,28	
61	E59	MESIN LAS			2.226.000		50.224,25	
62	E60	PILE DRIVER LEADER, 75 Kw			1.144.800.000		252.813,50	
63	E61	PILE HAMMER			128.790.000		169.604,28	
64	E62	PILE HAMMER , 2.5 TON			-		42.752,50	
65	E63	STRESSING JACK			533.763.000		380.422,48	
66	E64	WELDING MACHINE , 300 A			3.922.000		51.780,48	

Ket. 1. Kapasitas Alat Berdasarkan :

- a. Caterpillar Performance Handbook Edition 34, October 2003
- b. Komatsu. 2005. Specification dan application hand book contoh contoh perhitungan produksi Edition 26.
- c. Brochures/Leaflets Produk KOMATSU, SAKAI

d. Data Spesifikasi Teknik Dari PT. Bukaka Untuk AMP

e. Data Spesifikasi Teknik dari Nissan (Astra International)

f. Brochures/Leaflets Data Spesifikasi Peralatan Produk dari WIRTGEN, HAMN dan VOGELE

g. Brochures/Leaflets Data Spesifikasi Peralatan AMP, Stone Crusher dari PT. Rutraindo

2. Jam Kerja Effektif : 7 Jam

3. Asuransi, Pajak, dsb Untuk Peralatan : 0.002 X Harga Pokok Alat

4. Tingkat Suku Bunga Investasi Alat : 15 %

5. Biaya Umum dan Keuntungan : 10 % x Biaya Langsung

6. Jarak Rata- Rata Basecamp Ke Lokasi : 25 Km 7. Panjang efektif : 80 Km

X.2.2. Alat Pertukangan

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
1	Batu Asahan		Bh	18.000	TAJIMA
2	Kuas 4"		Bh	25.000	ETERNA
3	Tang Pemotong Kawat		Bh	51.000	
4	Keranjang		Bh	29.000	
5	Gergaji		Bh	196.000	
6	Gunting Pemotong		Bh	28.000	PRODEX/ FREDER 8'
7	Palu		Bh	49.000	
8	Kasut Kayu		Bh	22.000	
9	Gerobak Pasir		Bh	482.000	ARTCO
10	Ember cor		Bh	18.000	SS
11	Bodem		Bh	114.000	
12	Kunci Pembengkok		Bh	26.000	
13	Linggis		Bh	106.000	KS
14	Chain Saw		Jam	31.000	
15	Kotak Adukan		Jam	49.000	
16	Benang Nylon		Roll	7.000	
17	Cangkul		Bh	88.000	BUAYA
18	Gergaji kayu		Bh	132.000	MATA
19	Amplas Kayu	All Size	Lmbr	5.000	

X.3. Harga Bahan Bangunan

		Tianga Banan Banganan				
NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.1.	Batu				
	X.3.1.1.	Bahan Struktur				
1	X.3.1.1.1	Abu Batu/Palu		M^3	570.852,00	
2	X.3.1.1.2	Base Course (LPA)		M^3	582.615,00	*
3	X.3.1.1.3	Batu Quarry/Batu Gunung (Batu Belah)		M^3	482.400,00	*
4	X.3.1.1.4	Batu Pecah	10 - 15 cm Ex Palu	M^3	536.000,00	*
5	X.3.1.1.5	Batu Pecah	5 - 7 cm Ex Palu	M^3	536.000,00	*
6	X.3.1.1.6	Batu Pecah	3 - 5 cm Ex Palu	M^3	536.000,00	
7	X.3.1.1.7	Batu Pecah	2 - 3 cm Ex Palu	M^3	536.000,00	*
8	X.3.1.1.8	Batu Pecah	1 - 2 cm Ex Palu	M^3	536.000,00	*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
9	X.3.1.1.9	Batu Pecah	0,5 - 1 cm (Chipping) Ex Palu	M^3	536.000,00	*
10	X.3.1.1.10	Batu Abu Filler/Kapur		M^3	548.305,45	
11	X.3.1.1.11	Kerikil	Sungai Lokal	M^3	484.000,00	*
12	X.3.1.1.12	Sub Base Course (LPB)		M^3	492.762,82	*
13	X.3.1.1.13	Sirtu Royalti		M^3	492.762,82	*
14	X.3.1.1.14	Agregat Kasar		M^3	456.000,00	*
15	X.3.1.1.15	Agregat Halus		M^3	456.000,00	*
16	X.3.1.1.16	Aggregat S		M^3	342.000,00	*
17	X.3.1.1.17	Chipping		M^3	440.347,80	*
18	X.3.1.1.18	Chipping		Kg	233,68	*
19	X.3.1.1.19	Bahan Agg Base Kelas B		M^3	415.951,80	*
20	X.3.1.1.20	Koral Sikat		Zak	154.000,00	*
21	X.3.1.1.21	Koral Reflexy		M ²	145.200,00	*
	X.3.1.2.	Bahan Pasangan				
1	X.3.1.2.1	Batu Bata	Uk. 10 x 10 x 20 cm	Bh	1.100,00	*
2	X.3.1.2.2	Bataco	Pasir Samboja Type I Uk. 20 x 20 x 40 cm	Bh	7.260,00	Malang Indah
3	X.3.1.2.3	Bataco	Pasir Samboja Type I Uk. 15 x 20 x 40 cm	Bh	8.140,00	Malang Indah
4	X.3.1.2.4	Bataco	Pasir Samboja Type I Uk. 12 x 20 x 40 cm	Bh	7.480,00	Malang Indah
5	X.3.1.2.5	Bataco	Pasir Samboja Type II Uk. 10 x 20 x 40 cm	Bh	4.510,00	Malang Indah
6	X.3.1.2.6	Cable Tile	Cable Tile Type I Uk. 20 x 30 x 0,5 cm	Bh	7.260,00	Malang Indah
7	X.3.1.2.7	Cable Tile	Cable Tile Type I Uk. 30 x 30 x 0,5 cm	Bh	10.010,00	Malang Indah
8	X.3.1.2.8	Bata Semen	Bata Semen Type I Uk. 10 x 10 x 20 cm	Bh	1.320,00	Malang Indah
9	X.3.1.2.9	Bata Semen	Bata Semen Type II Uk. 9 x 14 x 30 cm	Bh	5.060,00	Malang Indah
10	X.3.1.2.10	Loster	Loster Perancis Uk. 10 x 20 x 25 cm	Bh	7.590,00	Malang Indah
11	X.3.1.2.11	Loster	Loster Bulan Berkait Uk. 20 x 20 x 10 cm	Bh	6.600,00	Malang Indah
12	X.3.1.2.12	Loster	Loster Bintang Wajik Uk. 10 x 20 x 30 cm	Bh	6.600,00	Malang Indah
13	X.3.1.2.13	Loster	Loster Bunga Wajik Uk. 20 x 20 x 10 cm	Bh	6.600,00	Malang Indah
14	X.3.1.2.14	Loster	Loster Matahari Uk. 20 x 20 x 10 cm	Bh	6.600,00	Malang Indah
15	X.3.1.2.15	Batu alam	Batu Candi	M2	167.232,00	*
16	X.3.1.2.16	Batu alam	Batu Marmo	M2	231.552,00	
	X.3.1.2.17	Batu alam	Batu Palimanan	M2	205.824,00	
	X.3.1.2.18	Batu alam	Batu Ardiret	M2	192.960,00	
19	X.3.1.2.19	Batu alam	Batu Lempengan Biasa	M2	140.690,00	
20	X.3.1.2.20	Batu alam	Batu Lempengan Merah	M2	244.965,00	
21	X.3.1.2.21	Batu alam	Batu Andesit	M2	231.552,00	*
22	X.3.1.2.22	Batu alam	Batu Paras Jogja	M2	231.552,00	
23	X.3.1.2.23	Glass Block	Uk. 30 x 30 cm	Bh	30.873,60	
24	X.3.1.2.24	Bata Ringan	Uk. 20 x 60 cm	Bh	12.100,00	*
25	X.3.1.2.25	Bata Ringan	Uk. 20 x 40 cm	Bh	8.250,00	*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
26	X.3.1.2.26	Bata Ringan	Uk. 60 x 20 x 7,5 cm Isi 111 Buah	Bh	11.862,16	*
27	X.3.1.2.27	Bata Ringan	Uk. 60 x 20 x 10 cm Isi 84 Buah	Bh	15.400,00	*
28	X.3.1.2.28	Lem Hebel	50 Kg (SMI T100)	Kg	2.508,00	*
29	X.3.1.2.29	Semen Aci	50 Kg (PM)	Kg	2.758,80	*
	X.3.2.	Pasir				
1	X.3.2.1	Pasir Beton ex Palu		M^3	428.800,00	*
2	X.3.2.2	Pasir Urug		M^3	160.800,00	*
3	X.3.2.3	Pasir Putih/Pasangan		M^3	294.800,00	*
4	X.3.2.4	Pasir halus (HRS)		M ³	109.451,20	*
	X.3.3.	Tanah				
1	X.3.3.1			M^3	00 400 00	*
		Tanah Urug			80.400,00	*
2	X.3.3.2	Pasir urug		M ³	160.800,00	,
	X.3.4.	Semen				
1	X.3.4.1	Semen Abu-abu	1 zak = 50 kg	Zak	70.200,00	Tonasa*
2	X.3.4.2	Semen Abu-abu	1 zak = 50 kg	Zak	69.550,00	Tiga Roda
3	X.3.4.3	Semen Abu-abu	1 zak = 50 kg	Zak	69.550,00	Bosowa
4	X.3.4.4	Semen Abu-abu	1 zak = 50 kg	Zak	56.160,00	Conch
5	X.3.4.5	Semen Abu-abu	1 zak = 50 kg	Zak	68.480,00	Gresik
6	X.3.4.6	Semen Putih	1 zak = 40 kg	Zak	116.100,00	*
7	X.3.4.7	Semen Warna		Kg	18.360,00	AM*
8	X.3.4.8	Semen Perekat Bata Ringan	MU-3801 zak 40 Kg	Zak	130.433,00	Mortar Utama*
9	X.3.4.9	Semen Perekat Bata Ringan	1 zak 25 Kg Sika Mur 130 LB Daya Sebar ± 12,5 m2	Zak	149.714,40	Sika
10	X.3.4.10	Semen Pasangan Bata & Plester	1 zak 25 Kg Sika Plester Mix Daya Sebar ± 1,5 m2	Zak	99.809,60	Sika
11	X.3.4.11	Semen Acian Plesteran & Beton	1 zak 25 Kg Sika Skim Coat Daya Sebar ± 12,5 m2	Zak	134.402,70	Sika*
12	X.3.4.12	Semen Perekat Keramik Dinding Dan Lantai	MU-4001 zak 25 Kg Granite Tile	Zak	130.433,00	Mortar Utama
13	X.3.4.13	Semen Perbaikan Permukaan Acian	MU-8401 zak 25 Kg	Zak	133.835,60	Mortar Utama*
14	X.3.4.14	Semen Perekat Beton Lama dan Baru	SikaCim-Bonding Adhesive 1 Kemasan 900 MI Daya Sebar 8 M ²	Bh	62.381,00	Sika
15	X.3.4.15	Bahan Mempercepat Pengeras Beton	SikaCim-Concrete Additive 1 Kemasan 900 Ml untuk 3 - 4 Zak semen	Bh	45.368,00	Sika
	X.3.5.	Kayu				
1	X.3.5.1	Kayu Ulin	Ukuran 12 x 12 x 400 cm	M ³	6.760.000,00	*
	X.3.5.1	Kayu Ulin	Ukuran 10 x 10 x 400 cm	M ³	5.512.000,00	*
	X.3.5.2 X.3.5.3	Kayu Ulin	Ukuran 8 x 8 x 400 cm	M ³	3.640.000,00	*
	X.3.5.4	Kayu Ulin	Ukuran 5 x 10 x 400 cm	M ³	4.680.000,00	*
	X.3.5.4 X.3.5.5	Papan Ulin	Ukuran 2 x 20 x 200 cm	M ³	5.200.000,00	*
6	X.3.5.6	Papan Ulin	Ukuran 2 x 20 x 400 cm	M ³	6.240.000,00	*
7	X.3.5.7	Kayu Bangkirai	Ukuran 6 x 12 x 400 cm	M ³	6.240.000,00	*
	X.3.5.7 X.3.5.8	, ,	Ukuran 2 x 20 x 400 cm	M ³		*
	X.3.5.8 X.3.5.9	Papan Bangkirai Kayu Meranti	Ukuran 6 x 12 x 400 cm	M ³	6.240.000,00 2.756.000,00	*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.5.10	Kayu Meranti	Ukuran 5 x 10 x 400 cm	M^3	2.652.000,00	
11	X.3.5.11	Kayu Meranti	Ukuran 5 x 7 x 400 cm	M^3	2.358.400,00	*
12	X.3.5.12	Kayu Meranti	Ukuran 4 x 6 x 400 cm	Btg	51.578,28	
13	X.3.5.13	Kayu Meranti	Ukuran 4 x 8 x 400 cm	Btg	61.893,94	
14	X.3.5.14	Papan Meranti	Ukuran 1,5 x 18 x 400 cm	M^3	2.251.200,00	*
15	X.3.5.15	Papan Meranti	Ukuran 2,5 x 20 x 400 cm	M^3	2.912.000,00	
16	X.3.5.16	Lisplank	Ukuran 1,7 x 17 x 400 cm	Lbr	165.000,00	*
17	X.3.5.17	Kayu List Profil	Panjang 400 cm 3,7 x 3,7 x 400 cm	Btg	38.500,00	
18	X.3.5.18	Kayu List Profil	Panjang 400 cm 2,7 x 2,7 x 400 cm	Btg	27.500,00	*
19	X.3.5.19	Papan Sungkai	Ukuran 2 x 8 x 400 cm	Btg	74.012,09	
20	X.3.5.20	Reng	Ukuran 3 x 5	M^3	1.891.760,00	*
21	X.3.5.21	Dolken K.Galam	Diameter 10 panjang 400 cm	Btg	27.500,00	*
22	X.3.5.22	Dolken K.Galam	Diameter 8 panjang 400 cm	Btg	9.648,00	*
	X.3.6.	Pipa Kotak Galvanis				
	X.3.6.1.	Hollow Galvanis				
1	X.3.6.1.1	Pipa Kotak Hollow 20 x 40	Tebal 1 mm	Btg	74.750,00	
2	X.3.6.1.2	Pipa Kotak Hollow 40 x 40	Tebal 1 mm	Btg	109.250,00	
3	X.3.6.1.3	Pipa Kotak Hollow 40 x 60	Tebal 1 mm	Btg	147.200,00	
4	X.3.6.1.4	Pipa Kotak Hollow 50 x 50	Tebal 1 mm	Btg	207.000,00	
5	X.3.6.1.5	Pipa Kotak Hollow 20 x 40 SS	Tebal 1 mm Stainless Stell	Btg	149.500,00	
6	X.3.6.1.6	Pipa Kotak Hollow 40 x 40 SS	Tebal 1 mm Stainless Stell	Btg	262.200,00	
	X.3.6.2.	Kawat				
	X.3.6.2.1	Kawat Wiremesh M6	Panjang 6 mm x 2,1 m x 54,0 m	Roll	3.432.000,00	*
2	X.3.6.2.2	Kawat Wiremesh	Panjang 8 mm x 2,1 m x 5,4 m	Ibr	589.600,00	*
3	X.3.6.2.3	Kawat Wiremesh	Panjang 10 mm x 2,1 m x 5,4 m	Ibr	1.216.800,00	*
4	X.3.6.2.4	Kawat Las	Panjang 2,6 mm RB 26 @ 5 Kg	Dos	194.040,00	Esab
5	X.3.6.2.5	Kawat Las	Panjang 3,2 mm RB 26 @ 5 Kg	Dos	237.270,00	Esab
6	X.3.6.2.6	Kawat Las	Panjang 4 mm RB 26 @ 5 Kg	Dos	182.435,00	Esab
7	X.3.6.2.7	Kawat Bendrat	Bendrat 1	Kg	22.000,00	*
8	X.3.6.2.8	Kawat Bendrat	Bendrat 21,5	roll	485.430,00	
9	X.3.6.2.9	Kawat Nyamuk	Lebar 90 cm	M'	30.690,00	
10	X.3.6.2.10	Kawat Kasa	Lebar 90 cm	M'	43.890,00	
11	X.3.6.2.11	Kawat Duri		M'	28.028,00	*
12	X.3.6.2.12	Kawat Bronjong	(M15)	Kg	10.946,10	*
	X.3.6.3.	Besi Beton				
	X.3.6.3.1.	Besi Beton Polos (Full)				
1	X.3.6.3.1.1	Besi Beton	ø6 5 x 11 berat 0,154125 kg/m' 1,695375 0,154125	Kg	18.810,00	
2	X.3.6.3.1.2	Besi Beton	Ø8 6,2 x 11 berat 0,2369826 kg/m' 2,6068086 0,2369826	Btg	28.930,00	
3	X.3.6.3.1.3	Besi Beton	ø8 7 x 11,4 berat 0,302085 kg/m' 3,443769 0,302085	Btg	38.280,00	
4	X.3.6.3.1.4	Besi Beton	Ø8 7,4 x 11,4 berat 0,3375954 kg/m' 3,84858756 0,3375954	Btg	42.790,00	
5	X.3.6.3.1.5	Besi Beton	Ø8 7,8 x 11,4 berat 0,3750786 kg/m' 4,27589604 0,3750786	Btg	47.520,00	
6	X.3.6.3.1.6	Besi Beton	ø10 8,3 x 11,4 berat 0,42470685 kg/m' 4,84165809 0,42470685	Btg	53.900,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	X.3.6.3.1.7	Besi Beton	ø10 9,4 x 11,4 berat 0,5447394 kg/m' 6,21002916 0,5447394	Btg	69.080,00	
8	X.3.6.3.1.8	Besi Beton	ø1211,4 x 11,4 berat 0,8012034 kg/m' 9,13371876 0,8012034	Btg	101.640,00	
9	X.3.6.3.1.9	Besi Beton	ø14 12 x 11,4 berat 0,88776 kg/m' 10,120464 0,88776	Btg	112.640,00	
10	X.3.6.3.1.10	Besi Beton	ø14 12,8 x 11,4 berat 1,0100736 kg/m ¹ 11,51483904 1,0100736	Btg	128.150,00	
11	X.3.6.3.1.11	Besi Beton	ø16 13,8 x 11,4 berat 1,1740626 kg/m ¹ 13,38431364 1,1740626	Btg	149.050,00	
17	X.3.6.3.1.12	Besi Beton	ø6 6 x 12 berat 0,22194 kg/m ¹ 2,66328 0,22194	Btg	34.100,00	*
18	X.3.6.3.1.13	Besi Beton	ø8 8 x 12 berat 0,39456 kg/m' 4,73472 0,39456	Btg	49.500,00	*
19	X.3.6.3.1.14	Besi Beton	ø10 10 x 12 berat 0,6165 kg/m' 7,398 0,6165	Btg	71.500,00	*
20	X.3.6.3.1.15	Besi Beton	ø1212 x 12 berat 0,88776 kg/m' 10,65312 0,88776	Btg	104.500,00	*
21	X.3.6.3.1.16	Besi Beton	ø16 16 x 12 berat 1,57824 kg/m' 18,93888 1,57824	Btg	159.500,00	*
22	X.3.6.3.1.17	Besi Beton	ø16 15 x 12 berat 1,387125 kg/m' 16,6455 1,387125	Btg	185.350,00	
23	X.3.6.3.1.18	Besi Beton	ø19 18,6 x 12 berat 2,1328434 kg/m' 25,5941208 2,1328434	Btg	253.000,00	
24	X.3.6.3.1.19	Besi Beton	ø2222 x 12 berat 2,98386 kg/m' 35,80632 2,98386	Btg	302.500,00	
25	X.3.6.3.1.20	Besi Beton	ø2525 x 12 berat 3,853125 kg/m' 46,2375 3,853125	Btg	514.910,00	
26	X.3.6.3.1.21	Besi Beton	ø3232 x 12 berat 6,31296 kg/m' 75,75552 6,31296	Btg	813.020,00	
22	X.3.6.3.1.22	Besi Beton Polos		Kg	11.118,03	*
23	X.3.6.3.1.23	Besi Pelat Strip		Kg	13.800,00	*
	X.3.6.3.2.	Besi Beton Polos (Banci)				
1	X.3.6.3.2.1	Besi Beton	ø8 5,2 x 7,5 berat 0,1667016 kg/m' 1,250262 0,1667016	Btg	17.172,00	
2	X.3.6.3.2.2	Besi Beton	ø10 6,2 x 7 berat 0,2369826 kg/m' 1,6588782 0,2369826	Btg	22.790,00	
3	X.3.6.3.2.3	Besi Beton	ø128 x 7 berat 0,39456 kg/m' 2,76192 0,39456	Btg	38.054,00	
	X.3.6.3.3.	Besi Beton Ulir				
1	X.3.6.3.3.1	Besi Beton	ø10 10 x 12 berat 0,6165 kg/m' 7,398 0,6165	Kg	89.100,00	
2	X.3.6.3.3.2	Besi Beton	ø16 16 x 12 berat 1,57824 kg/m' 18,93888 1,57824	Btg	159.500,00	
3	X.3.6.3.3.3	Besi Beton	ø19 19 x 12 berat 2,225565 kg/m' 26,70678 2,225565	Btg	264.000,00	
4	X.3.6.3.3.4	Besi Beton	ø2525 x 12 berat 3,853125 kg/m' 46,2375 3,853125	Btg	533.940,00	
5	X.3.6.3.3.5	Besi Beton Ulir		Kg	12.045,83	*
	X.3.6.4.	Baut & Mur		_		
	X.3.6.4.1	Baut Dan Mur		Psg	3.300,00	
	X.3.6.4.2	Baut Dan Klam	D-14 2/0	Psg	2.970,00	
3	X.3.6.4.3	Baut	Baut 3/8 panjang 4cm	Psg	1.760,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.6.4.4	Baut	Baut 3/8 panjang 6cm	Psg	1.760,00	
5	X.3.6.4.5	Baut	Baut 3/8 panjang 8cm	Psg	2.970,00	
6	X.3.6.4.6	Baut	Baut 3/8 panjang 10cm	Psg	3.630,00	
7	X.3.6.4.7	Baut	Baut 1/2 panjang 4cm	Psg	2.640,00	
8	X.3.6.4.8	Baut	Baut 1/2 panjang 6cm	Psg	3.630,00	
9	X.3.6.4.9	Baut	Baut 1/2 panjang 8cm	Psg	4.180,00	
10	X.3.6.4.10	Baut	Baut 1/2 panjang 10cm	Psg	2.420,00	
11	X.3.6.4.11	Ring baut	Baut 1/2 tebal	bh	550,00	
12	X.3.6.4.12	Ring baut	Baut 1/2 tipis	bh	550,00	
13	X.3.6.4.13	Ring baut	Baut 3/8 tebal	bh	550,00	
14	X.3.6.4.14	Ring baut	Baut 3/8 tipis	bh	550,00	
15	X.3.6.4.15	Dina Bolt	12 mm (10-15 cm)	bh	3.960,00	solid*
	X.3.6.5.	Beton Cetak (Pre Cast Beton)				
1	X.3.6.5.1	Pondasi Pre Cast Beton	Minipile200x200mm K-500 Kg/Cm2)	M'	297.542,00	
2	X.3.6.5.2	Pondasi Pre Cast Beton	Micropile150x150mm K-500 Kg/Cm2)	M'	229.490,00	
3	X.3.6.5.3	Pagar Panel Pre Cast Beton	Kolom 200x200x300mm Mutu Beton K-225 Kg/M2	M2	595.402,00	
4	X.3.6.5.4	Pagar Panel Pre Cast Beton	Panel 50x500x2300mm Mutu Beton K-225 Kg/M2	M2	221.010,00	
5	X.3.6.5.5	Kolom	150 x 150 mm(Belum Terpasang)	M'	272.102,00	
6	X.3.6.5.6	Balok Memanjang	150 x 250 mm(Belum Terpasang)	M'	340.154,00	
7	X.3.6.5.7	Balok Melintang	150 x 200 mm(Belum Terpasang)	M'	314.608,00	
8	X.3.6.5.8	Balok Kalang	150 x 150 mm(Belum Terpasang)	M'	186.984,00	
9	X.3.6.5.9	Plat Lantai	40 x 400 mm(Belum Terpasang)	M'	237.970,00	
10	X.3.6.5.10	Pondasi Tiang Pancang	200 x 200 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	388.814,40	TJakrindo Mas
11	X.3.6.5.11	Pondasi Tiang Pancang	250 x 250 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	526.780,80	Tjakrindo Mas
12	X.3.6.5.12	Pondasi Tiang Pancang	300 x 300 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	689.832,00	Tjakrindo Mas
13	X.3.6.5.13	Pondasi Tiang Pancang	350 x 350 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	865.425,60	Tjakrindo Mas
14	X.3.6.5.14	Pondasi Tiang Pancang	400 x 400 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	1.066.104,00	Tjakrindo Mas
15	X.3.6.5.15	Pondasi Tiang Pancang	450 x 450 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	1.254.240,00	Tjakrindo Mas
16	X.3.6.5.16	Pondasi Tiang Pancang	500 x 500 mmK-500 Kg/Cm2) Segi Empat Belum Terrmasuk Joint Plat	M'	1.630.512,00	Tjakrindo Mas
17	X.3.6.5.17	Pondasi Tiang Pancang	Diameter 300 mm K-500 Kg/Cm2) Single Pile Bulat Belum Terrmasuk Joint Plat	M'	413.899,20	Tjakrindo Mas
18	X.3.6.5.18	Pondasi Tiang Pancang	Diameter 300 mm K-500 Kg/Cm2) Bottom/Upper Pile BulatBelum Terrmasuk Joint Plat	M'	464.068,80	Tjakrindo Mas
19	X.3.6.5.19	Pondasi Tiang Pancang	Diameter 350 mm K-500 Kg/Cm2) Single Pile Bula tBelum Terrmasuk Joint Plat	M'	457.744,00	Tjakrindo Mas
20	X.3.6.5.20	Pondasi Tiang Pancang	Diameter 350 mm K-500 Kg/Cm2) Bottom/Upper Pile Bulat Belum Terrmasuk Joint Plat	M'	551.865,60	Tjakrindo Mas

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
21	X.3.6.5.21	Pondasi Tiang Pancang	Diameter 400 mm K-500 Kg/Cm2) Single Pile Bulat Belum Terrmasuk Joint Plat	M'	564.408,00	Tjakrindo Mas
22	X.3.6.5.22	Pondasi Tiang Pancang	Diameter 400 mm K-500 Kg/Cm2) Bottom/Upper Pile Bulat Belum Terrmasuk Joint Plat	M'	689.832,00	Tjakrindo Mas
23	X.3.6.5.23	Pondasi Tiang Pancang	Diameter 450 mm K-500 Kg/Cm2) Single Pile Bulat Belum Terrmasuk Joint Plat	M'	677.289,60	Tjakrindo Mas
24	X.3.6.5.24	Pondasi Tiang Pancang	Diameter 450 mm K-500 Kg/Cm2) Bottom/Upper Pile Bulat Belum Terrmasuk Joint Plat	M'	790.171,20	Tjakrindo Mas
25	X.3.6.5.25	Pondasi Tiang Pancang	Diameter 500 mm K-500 Kg/Cm2) Single Pile Bulat Belum Terrmasuk Joint Plat	M'	827.798,40	Tjakrindo Mas
26	X.3.6.5.26	Pondasi Tiang Pancang	Diameter 500 mm K-500 Kg/Cm2) Bottom/Upper Pile Bulat Belum Terrmasuk Joint Plat	M'	965.764,80	Tjakrindo Mas
27	X.3.6.5.27	Pondasi Tiang Pancang	Diameter 600 mm K-500 Kg/Cm2) Single Pile Bulat Belum Terrmasuk Joint Plat	M'	1.078.646,40	Tjakrindo Mas
28	X.3.6.5.28	Pondasi Tiang Pancang	Diameter 600 mm K-500 Kg/Cm2) Bottom/Upper Pile Bulat Belum Terrmasuk Joint Plat	M'	1.266.782,40	Tjakrindo Mas
	X.3.6.6.	Paku				
1	X.3.6.6.1	Paku Triplek		Kg	23.818,20	*
	X.3.6.6.2	Paku Payung		Kg	28.355,00	
	X.3.6.6.3	Paku Beton	Biasa semua ukuran	Dos	20.415,60	
	X.3.6.6.4	Paku Beton	Bagus semua ukuran	Dos	38.372,00	
5	X.3.6.6.5	Paku Ulir	0	Bh	1.378,00	
6	X.3.6.6.6	Paku Sumbat		Bh	954,00	
7	X.3.6.6.7	Paku Sekrup	1 1/4"	Bh	212,00	
8	X.3.6.6.8	Paku Sekrup	1 1/2"	Bh	30.740,00	
9	X.3.6.6.9	Paku Sekrup	2"	Bh	1.802,00	*
10	X.3.6.6.10	Paku Sekrup	2 1/2"	Bh	49.608,00	
11	X.3.6.6.11	Paku Beton	1"	Ktk	23.214,00	
12	X.3.6.6.12	Paku Beton	1,5"	Ktk	23.214,00	
13	X.3.6.6.13	Paku Beton	2"	Ktk	23.214,00	
14	X.3.6.6.14	Paku Beton	3"	Ktk	23.214,00	
15	X.3.6.6.15	Paku Beton	4"	Ktk	23.214,00	
16	X.3.6.6.16	Paku Beton	4,2 x 100"	Kg	23.214,00	
17	X.3.6.6.17	Paku Beton	4,3 x 100"	Kg	23.214,00	
18	X.3.6.6.18	Paku Seng	2" besar	Kg	26.800,00	*
19	X.3.6.6.19	Paku Seng	1 3/4" kecil	Kg	46.852,00	
	X.3.6.6.20	Paku Ulin	1"	Kg	26.800,00	*
21	X.3.6.6.21	Paku Ulin	1 1/2"	Kg	33.072,00	
22	X.3.6.6.22	Paku Ulin	2"	Kg	26.800,00	*
23	X.3.6.6.23	Paku Ulin	3"	Kg	26.800,00	*
24	X.3.6.6.24	Paku Ulin	3 1/2"	Kg	33.072,00	
	X.3.6.6.25	Paku Ulin	4"	Kg	33.072,00	
26	X.3.6.6.26	Paku Biasa	1 1/2"	Kg	33.446,40	*

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27	X.3.6.6.27	Paku Biasa	2"	Kg	27.121,60	*
28	X.3.6.6.28	Paku Biasa	3"	Kg	27.121,60	begisting*
29	X.3.6.6.29	Paku Biasa	3 1/2"	Kg	26.818,00	*
30	X.3.6.6.30	Paku Biasa	4"	Kg	26.818,00	*
31	X.3.6.6.31	Paku Anti Karat		Kg	87.344,00	Untuk Genteng Metal
	X.3.6.7.	Baja				
1	X.3.6.7.1	Profil Baja WF / Profil		Kg	16.026,40	*
	X.3.6.7.2	Pintu Besi		M ²	1.082.840,00	
	X.3.6.7.3	Rolling Door		M ²	1.299.408,00	*
	X.3.6.7.4	Pipa Baja Gib	M(46)	Kg	21.175,00	
	X.3.6.7.5	Baja Pra tegang	(M56)	Kg	10.285,00	
6	X.3.6.7.6	Baja Struktur	(M48)	Kg	30.620,26	
7	X.3.6.7.7	Pipa baja	(IVITO)	Kg	28.435,00	
	X.3.6.7.8	Baja Siku		Kg	14.310,00	
	X.3.6.7.9	Baja Plat Tebal 2 mm	10,21 Kg	Kg	173.447,32	
	X.3.6.7.10	Baja Plat Tebal 3 mm	15,32 Kg	Kg	260.255,91	
	X.3.6.7.10	Baja Plat Tebal 5 mm	39,25 Kg	M ²	666.778,37	
	X.3.6.7.11	Baja Plat Tebal 6 mm	47,1 Kg	M ²	800.134,05	
	X.3.6.7.12	Baja Plat Tebal 8 mm	62,8 Kg	M ²	1.066.845,40	
	X.3.6.7.14	Baja Profil CNP	02,0 Kg	Kg	15.544,00	
	X.3.6.7.14	Baja Profil UNP		Kg	15.544,00	
	X.3.6.7.16	Baja Profil INP		-	15.544,00	
10	Λ.3.0.7.10	Daja Pivili live		Kg	13.344,00	
	X.3.7.	Cat				
	X.3.7.1.	Peralatan Cat				
1	X.3.7.1.1	Ampelas		Lbr	5.194,00	*
2	X.3.7.1.2	Bak Cat		Bh	30.740,00	
3	X.3.7.1.3	Kuas Roll	4 "	Bh	30.316,00	Imundex
4	X.3.7.1.4	Kuas Roll	7 "	Bh	34.450,00	Imundex
5	X.3.7.1.5	Kuas	4 "	Bh	18.338,00	*
6	X.3.7.1.6	Kuas	3 "	Bh	15.264,00	
7	X.3.7.1.7	Kuas	2,5 "	Bh	10.600,00	
8	X.3.7.1.8	Kuas	2 "	Bh	9.116,00	*
9	X.3.7.1.9	Kuas	1,5 "	Bh	7.526,00	
10	X.3.7.1.10	Kuas	1"	Bh	4.452,00	
	X.3.7.2.	Jenis Cat				
	X.3.7.2. X.3.7.2.1.	Cat Dasar				
1			Dlomir kovu	Va	22 220 00	Vombona*
	X.3.7.2.1.1	Cat kayu	Plamir kayu	Kg	32.330,00	Kembang*
	X.3.7.2.1.2	Cat Mani	Meni kayu	Kg	32.330,00	Kembang*
3	X.3.7.2.1.3	Cat Meni	Kayu	Kg	52.576,00	Ef Talite*
4	X.3.7.2.1.4	Cat Meni	Besi	Kg	66.144,00	Ef Talite*
5	X.3.7.2.1.5	Wall Filler	Décor DWF - 200, 4 Kg Emulsion EE-4003 warna standard	Klg	128.578,00	
6	X.3.7.2.1.6	Eco Emulsion	2,5 Liter Emulsion EE-4003 warna standard Emulsion EE-4003 warna standard	Klg	127.730,00	
	X.3.7.2.1.7	Eco Emulsion	20 Liter	Klg	867.610,00	*
8	X.3.7.2.1.8	Plamir	Ecoemulsion 5 liter	Kg	32.436,00	*

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9	X.3.7.2.1.9	Residu		Kg	14.310,00	*
10	X.3.7.2.1.10	Dempul		Kg	35.828,00	
11	X.3.7.2.1.11	Thinner	no. 2Isi 1 Liter	Klg	34.450,00	Jotun*
12	X.3.7.2.1.12	Thinner	no. 7Isi 1 Liter	Klg	59.360,00	Jotun
13	X.3.7.2.1.13	Thinner A	Spesiallsi 1 Liter	Klg	41.552,00	Avian*
14	X.3.7.2.1.14	Thinner B	Spesiallsi 1 Liter	Klg	33.072,00	Avian
15	X.3.7.2.1.15	Thinner	Epoxylsi 0,8 Liter	Klg	47.170,00	
16	X.3.7.2.1.16	Thinner	Epoxylsi 3,8 Liter	Klg	217.936,00	
17	X.3.7.2.1.17	Thinner	Epoxylsi 20 Liter	Klg	1.062.152,00	
18	X.3.7.2.1.18	Dempul	Isi 1 Liter	Kg	33.072,00	Isamu
19	X.3.7.2.1.19	Dempul	Isi 1/4 Liter	Kg	33.814,00	Isamu
20	X.3.7.2.1.20	Blass bit		Kg	64.872,00	
21	X.3.7.2.1.21	Cat Marka		Kg	35.934,00	
22	X.3.7.2.1.22	Cat dasar alkali weatershield	Alkali Resisting Primer = 2.5 ltr	Kg	137.500,00	Dulux*
23	X.3.7.2.1.23	Cat Dasar Exterior	Jotashield Ultra Primer 2.5 Liter	Klg	165.000,00	Jotun*
24	X.3.7.2.1.24	Cat Dasar Exterior	Jotashield Primer 07 2.5 Liter	Klg	132.000,00	Jotun*
25	X.3.7.2.1.25	Cat Dasar Exterior	Jotashield Ultra Primer 20 Liter Pail	Pail	1.310.400,00	Jotun*
26	X.3.7.2.1.26	Cat Dasar Exterior	Jotashield Primer 07 20 Liter Pail	Pail	985.800,00	Jotun*
27	X.3.7.2.1.27	Cat Dasar Minyak Kayu / Besi	Gardex PrimerIsi 1 Liter	Liter	60.500,00	Jotun*
	X.3.7.2.2.	Cat Tembok				
1	X.3.7.2.2.1	Cat	Type 364 Isi 5	Klg	108.120,00	Paragon*
	X.3.7.2.2.1 X.3.7.2.2.2	Cat	* .	Nig		avian
	X.3.7.2.2.2 X.3.7.2.2.3	Cat	Type 365 Isi 2,5 Type 397 Isi 5	Klg	57.028,00 108.120,00	Paragon
	X.3.7.2.2.3 X.3.7.2.2.4	Cat	Type 393 Isi 5	Klg	108.120,00	Paragon
	X.3.7.2.2.4 X.3.7.2.2.5	Cat	Putih Isi 20	-	426.226,00	
	X.3.7.2.2.6	Cat	Putih Isi 5	Klg	108.120,00	Paragon
6	Λ.3.7.2.2.0	Cdl	Premium Full Acrylic Emulsion	Klg	108.120,00	Paragon
7	X.3.7.2.2.7	Elastomeric Wall Paint	(Exterior)White Isi 2,5 Premium Full Acrylic Emulsion	Klg	96.354,00	Jotun
8	X.3.7.2.2.8	Elastomeric Wall Paint	(Exterior)StandardIsi 2,5	Klg	325.632,00	Jotun
9	X.3.7.2.2.9	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior) White Isi 2,5	Klg	280.582,00	Jotun
10	X.3.7.2.2.10	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior) Standard Isi 2,5	Klg	291.606,00	Jotun
11	X.3.7.2.2.11	Wall Paint (Water Base)	Modified Acrylic (matt Finish) (Exterior) White Isi 2,5	Klg	112.148,00	Jotun
12	X.3.7.2.2.12	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior) Standard Isi 2,5	Klg	118.084,00	Jotun
13	X.3.7.2.2.13	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior)Sea Grass Isi 2,5	Klg	230.338,00	Jotun
14	X.3.7.2.2.14	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior)Signal Green Isi 2,5	Klg	175.112,00	Jotun
15	X.3.7.2.2.15	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior)Burnt Orange Isi 2,5	Klg	136.952,00	Jotun
16	X.3.7.2.2.16	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior)Signal Blue Isi 2,5	Klg	136.952,00	Jotun
17	X.3.7.2.2.17	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior)Black Isi 2,5	Klg	136.952,00	Jotun
18	X.3.7.2.2.18	Wall Paint (Water Base)	Pure Acrylic Binder (Exterior)Signal Red Isi 2,5	Klg	613.422,00	Jotun
19	X.3.7.2.2.19	Wall Paint (Solvent Base)	Matt Finish Synthetic Acrylic topcoat (ext) White Isi 5	Klg	691.438,00	Jotun

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
20	X.3.7.2.2.20	Wall Paint (Solvent Base)	Matt Finish Synthetic Acrylic topcoat (ext) Standard Isi 5	Klg	796.166,00	Jotun
21	X.3.7.2.2.21	Wall Paint (Solvent Base)	Matt Finish Synthetic Acrylic topcoat (ext) Special Isi 5	Klg	901.636,00	Jotun
22	X.3.7.2.2.22	Wall Paint (Water Base)	Anti bacterial & Elastomeric (Interior) White Isi 1	Klg	146.174,00	Jotun
23	X.3.7.2.2.23	Wall Paint (Water Base)	Anti bacterial & Elastomeric (Interior) Standard Isi 1	Klg	18.550,00	Jotun
24	X.3.7.2.2.24	Wall Paint (Water Base)	Modified Acrylic (High Sheen Finish) (Interior) White Isi 2,5	Klg	113.420,00	Jotun
25	X.3.7.2.2.25	Wall Paint (Water Base)	Modified Acrylic (High Sheen Finish) (Interior) Standard Isi 2,5	Klg	222.706,00	Jotun
26	X.3.7.2.2.26	Cat tembok	Durable Elastomeric Exterior Standard Isi 2,5	Klg	277.190,00	Propan
27	X.3.7.2.2.27	Cat tembok	Durable Elastomeric Exterior Special Isi 2,5	Klg	299.238,00	Propan
	X.3.7.2.2.28	Cat tembok	Acrylic weather shield Standard Isi 2,5	Klg	255.036,00	Propan
	X.3.7.2.2.29	Cat tembok	Acrylic weather shield Special Isi 2,5	Klg	278.886,00	Propan
	X.3.7.2.2.30	Cat tembok	Interior Standard Isi 2,5	Klg	110.346,00	Propan
31	X.3.7.2.2.31	Cat tembok	Décor alkali resisting primer Isi 2,5	Klg	118.932,00	Propan
32	X.3.7.2.2.32	Cat Eksterior	Weatershield (Exterior) Isi 2,5	Klg	275.706,00	ICI Dulux*
33	X.3.7.2.2.33	Cat tembok	Interior Isi 2,5	Klg	174.052,00	ICI Dulux*
34	X.3.7.2.2.34	Cat tembok	Interior Isi 20	Klg	742.318,00	ICI Dulux
35	X.3.7.2.2.35	Cat tembok	Interior Isi 2,5	Klg	123.596,00	Vinilex
36	X.3.7.2.2.36	Cat tembok	Interior Isi 2,5	Klg	69.430,00	Komilex
37	X.3.7.2.2.37	Cat tembok	Exterior Isi 2,5	Klg	255.142,00	Mowilex*
	X.3.7.2.2.38	Cat tembok	Interior Isi 2,5	Klg	162.180,00	Mowilex*
	X.3.7.2.2.39	Cat tembok	Interior Isi 2,5	Klg	124.762,00	Catylac*
40	X.3.7.2.2.40	Coating Natural		Kg	113.420,00	Propan*
	X.3.7.2.2.41	Cat Tembok Exterior	Jotashield Extreme Daya Tahan 12 Tahun Isi 20 Liter	Pail	2.251.600,00	Jotun*
42	X.3.7.2.2.42	Cat Tembok Exterior	Jotashield Extreme Daya Tahan 12 Tahun Isi 2,5 Liter	Klg	318.000,00	Jotun*
43	X.3.7.2.2.43	Cat Tembok Exterior	AF Daya Tahan 5 - 6 Tahun Isi 20 Liter	Pail	2.121.600,00	Jotun
44	X.3.7.2.2.44	Cat Tembok Exterior	AF Daya Tahan 5 - 6 Tahun Isi 2,5 Liter	Klg	297.860,00	Jotun
45	X.3.7.2.2.45	Cat Tembok Interior	Majestic True Beauty Matt Grade Alsi 20 Liter	Pail	1.310.400,00	Jotun
46	X.3.7.2.2.46	Cat Tembok Interior	Majestic True Beauty Matt Grade Alsi 2,5 Liter	Klg	182.320,00	Jotun
47	X.3.7.2.2.47	Cat Tembok Interior	Essense Easy Clean Grade Blsi 20 Liter	Pail	752.600,00	Jotun
48	X.3.7.2.2.48	Cat Tembok Interior	Essense Easy Clean Grade Blsi 2,5 Liter	Klg	153.700,00	Jotun
49	X.3.7.2.2.49	Cat Tembok Interior	Jotasplast Putih/ Warna Grade CIsi 18 Liter	Pail	514.100,00	Jotun
50	X.3.7.2.2.50	Cat Tembok Interior	Jotasplast Putih/ Warna Grade CIsi 2,5 Liter	Klg	127.200,00	Jotun
51	X.3.7.2.2.51	Cat Marka Thermoplastic		Kg	-	*
52	X.3.7.2.2.52	Cat Marka Non Thermoplas		Kg	-	*
53	X.3.7.2.2.53	Glass Bead		Kg	-	*
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NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.7.2.3.	Waterproofing				
1	X.3.7.2.3.1	Semen	AM 50 Nat Standarlsi 1 liter	Kg	19.928,00	
2	X.3.7.2.3.2	Semen	AM 53 Nat WhiteIsi 1 liter	Kg	12.190,00	
3	X.3.7.2.3.3	Semen	AM 86Greylsi 40 liter	Pail	190.800,00	
4	X.3.7.2.3.4	Semen	AM 100waterproofingGreyIsi 20 Kg	Pail	898.700,00	*
5	X.3.7.2.3.5	Waterproofing	Ultraproof UPR - 960Isi 1 Kg	Klg	70.596,00	Propan
6	X.3.7.2.3.6	Waterproofing	Ultraproof UPR - 960Isi 4 Kg	Pail	234.578,00	Propan
7	X.3.7.2.3.7	Waterproofing	Ultraproof UPR - 960Isi 20 Kg	Pail	1.092.860,00	Propan
8	X.3.7.2.3.8	Waterproofing	Sikaset Accelerator Per Kg	Kg	48.300,00	Sika
9	X.3.7.2.3.9	Waterproofing	Sika 102	Kg	71.656,00	Sika
10	X.3.7.2.3.10	Waterproofing	Sika Top 107 Seal	Kg	32.118,00	Sika
11	X.3.7.2.3.11	Waterproofing	Sika Rain Tite Compound (Red & Grey)	Kg	71.656,00	Sika*
12	X.3.7.2.3.12	Waterproofing	Sika Rain Tite Membrane	Kg	46.640,00	Sika
13	X.3.7.2.3.13	Waterproofing	Sikaproof 300 RM	Kg	186.984,00	Sika
14	X.3.7.2.3.14	Waterproofing	Sikaproof 400 SBS	Kg	212.530,00	Sika
15	X.3.7.2.3.15	Waterproofing	Sikaproof Primer	Kg	89.570,00	Sika
16	X.3.7.2.3.16	Floor coating	Alkyd PaintWhiteIsi 5 liter	Klg	859.130,00	Jotun
17	X.3.7.2.3.17	Floor coating	Alkyd PaintYellow 2Isi 5 liter	Klg	859.130,00	Jotun
	X.3.7.2.3.18	Floor coating	Alkyd PaintGreylsi 5 liter	Klg	859.130,00	Jotun
	X.3.7.2.3.19	Floor coating	Alkyd PaintGreenIsi 5 liter	Klg	859.130,00	Jotun
	X.3.7.2.3.20	Floor coating	Alkyd PaintRedIsi 5 liter	Klg	859.130,00	Jotun
	X.3.7.2.3.21	Floor coating	Alkyd PaintBlueIsi 5 liter	Klg	859.130,00	Jotun
	X.3.7.2.3.22	Floor coating	Alkyd PaintBlackIsi 5 liter	Klg	859.130,00	Jotun
		- Total Stating	,	9	223332702	
	X.3.7.2.4.	Cat Besi Anti Karat				
1	X.3.7.2.4.1	Cat Besi	Alkyd/Synthetic Finish White Isi 1 Liter	Klg	86.874,37	Jotun
2	X.3.7.2.4.2	Cat Besi	Alkyd/Synthetic Finish Standard Isi 1 Liter	Klg	103.964,41	Jotun
3	X.3.7.2.4.3	Cat Besi	Durable Interior Water-Base Glaze Special base C Isi 1 Liter	Klg	250.653,92	Jotun
4	X.3.7.2.4.4	Cat Besi	Interior Water based for special effects Golden Glow Isi 1 Liter	Klg	234.988,05	Jotun
5	X.3.7.2.4.5	Cat Besi	Interior Water based for special effects Starlights Isi 1 Liter	Klg	623.074,38	Jotun
6	X.3.7.2.4.6	Cat Besi	Undercoat/sealer (water base) Isi 1 Liter	Klg	64.087,65	Jotun
	X.3.7.2.4.7	Cat Besi	Undercoat/sealer (solvent base) Isi 1 Liter	Klg	89.722,71	Jotun
	X.3.7.2.4.8	Cat Besi	Alkyd Undercoat Isi 1 Liter	Klg	87.586,46	Jotun
	X.3.7.2.4.9	Cat Besi	Thinner PTIsi 20 Liter	Klg	455.734,40	Propan
	X.3.7.2.4.10	Cat Besi	PUT - 603 Isi 1 Kg/Set	Klg	163.779,55	Propan
	X.3.7.2.4.11	Cat Besi	PUT - 603Isi 5 Kg/Set	Klg	761.930,95	Propan
12	X.3.7.2.4.12	Cat Besi	PUT - 603Isi 20 Kg/Set	Klg	2.885.368,42	Propan
13	X.3.7.2.4.13	Cat Besi	Thinner Epoxylsi 0,8 Liter	Klg	39.876,76	Propan
14	X.3.7.2.4.14	Cat Besi	Thinner Epoxylsi 3,8 Liter	Klg	206.504,65	Propan
15	X.3.7.2.4.15	Cat Besi	Thinner Epoxylsi 20 Liter	Klg	1.018.281,55	Propan
16	X.3.7.2.4.16	Cat Besi	Thinner UT - 02Isi 0,8 Liter	Klg	44.861,36	Propan
17	X.3.7.2.4.17	Cat Besi	Thinner UT - 02Isi 3,8 Liter	Klg	205.080,48	Propan
18	X.3.7.2.4.18	Cat Besi	Thinner UT - 02Isi 20 Liter	Klg	1.018.281,55	Propan
19	X.3.7.2.4.19	Cat Besi	624	Klg	102.255,41	Kimek

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
20	X.3.7.2.4.20	Cat Besi	627	Klg	102.255,41	Kimek
21	X.3.7.2.4.21	Cat Besi	660	Klg	102.255,41	Kimek
22	X.3.7.2.4.22	Cat Besi	622	Klg	102.255,41	Kimek
23	X.3.7.2.4.23	Cat Besi	623	Klg	102.255,41	Kimek
24	X.3.7.2.4.24	Cat Besi	406 (Coklat Tua)	Klg	66.935,99	Platon
25	X.3.7.2.4.25	Cat Besi	899 (Hijau)	Klg	66.935,99	Platon
26	X.3.7.2.4.26	Cat Besi	879 (Abu-abu)	Klg	66.935,99	Platon
27	X.3.7.2.4.27	Cat Besi	3044/083 (Coklat)	Klg	66.935,99	Platon
28	X.3.7.2.4.28	Cat Besi	9102 (Putih)	Klg	66.935,99	Platon
29	X.3.7.2.4.29	Cat Besi	Hitam	Klg	66.935,99	Platon
30	X.3.7.2.4.30	Cat Besi	Coklat 084	Klg	66.935,99	Platon
31	X.3.7.2.4.31	Cat Besi	Hijau 222	Klg	66.935,99	Platon
32	X.3.7.2.4.32	Cat anti karat	(M95)	Kg	44.555,23	Platon
	X.3.7.2.5. X.3.7.2.5.1 X.3.7.2.5.2	Tennokote Tennis Court Co Cat Lap.Tennis Cat Lap.Tennis	ating TNK - 1000 WAIsi5 Kg TNK - 1020 WAIsi 5 Kg	Klg Klg	244.224,00 258.958,00	Propan* Propan
	X.3.7.2.6.	Cat Kayu				
1	X.3.7.2.6.1	Cat Kayu (Interior)	Wood FillerIsi 1 kg	Klg	39.644,00	Propan
2	X.3.7.2.6.2	Cat Kayu (Interior)	Wood Stain (Pewarna kayu) Warna muda Isi 1 liter	Klg	72.504,00	Propan
3	X.3.7.2.6.3	Cat Kayu (Interior)	Wood Stain (Pewarna kayu) Warna tua Isi 1 liter	Klg	93.386,00	Propan
4	X.3.7.2.6.4	Cat Kayu (Interior)	Melamine system Clear Dof,Clear Gloss Isi 1 liter	Klg	69.430,00	Propan
5	X.3.7.2.6.5	Cat Kayu (Interior)	Melamine system Semi gloss (cat akhir) Isi 5 liter	Klg	299.238,00	Propan
6	X.3.7.2.6.6	Cat Kayu (Interior)	NC System Clear Dof, Clear Gloss Isi 1 liter NC System Semi gloss (cat akhir) Isi 5	Klg	69.536,00	Propan*
7	X.3.7.2.6.7	Cat Kayu (Interior)	liter	Klg	314.608,00	Propan
8	X.3.7.2.6.8	Cat Kayu (Interior)	Ultran Politur Standard Isi 1 liter	Klg	68.052,00	Propan*
9	X.3.7.2.6.9	Cat Kayu (Interior)	Ultran Politur Clear Dof,Clear Gloss Isi 1 liter	Klg	63.494,00	Propan
10	X.3.7.2.6.10	Cat Kayu (Exterior)	Ultran Politur Warna transparant Isi 1 liter	Klg	65.508,00	Propan
11	X.3.7.2.6.11	Cat Kayu (Exterior)	Ultran Politur Warna Oxide Isi 1 liter	Klg	76.426,00	Propan
12	X.3.7.2.6.12	Cat Kayu (Exterior)	Ultran Politur Natural Gloss, Natural Dof Isi 1 liter	Klg	95.930,00	Propan
13	X.3.7.2.6.13	Cat Kayu (Exterior)	Thinner Ultran PoliturIsi 0,8 liter	Klg	38.478,00	Propan*
14	X.3.7.2.6.14	Cat Kayu (Exterior)	Ultran Lasur Warna transparant Isi 1 liter	Klg	44.202,00	Propan
15	X.3.7.2.6.15	Cat Kayu (Exterior)	Ultran Lasur Warna Oxide Isi 1 liter	Klg	98.792,00	Propan
16	X.3.7.2.6.16	Cat Kayu (Exterior)	Ultran Lasur Natural Gloss, Natural Dof Isi 1 liter	Klg	112.360,00	Propan
17	X.3.7.2.6.17	Cat Kayu (Exterior)	Thinner LasurIsi 0,8 liter	Klg	40.598,00	Propan
18	X.3.7.2.6.18	Cat Kayu	Isi 1 liter	Klg	76.426,00	Ftalit
19	X.3.7.2.6.19	Cat Kayu	Isi 1 liter	Klg	64.024,00	Avian
20	X.3.7.2.6.20	Cat Kayu / Besi	Gartex Top CoatIsi 5 liter	Klg	445.200,00	Jotun*
21	X.3.7.2.6.21	Cat Kayu / Besi	Gardex PrimerIsi 1 liter	Klg	84.800,00	Jotun*
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NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.8.	Multipleks				
1	X.3.8.1	Triplek	3 mm	Lbr	63.250,00	
2	X.3.8.2	Triplek	3,2 mm	Lbr	70.914,00	
3	X.3.8.3	Triplek	4 mm	Lbr	71.824,00	*
4	X.3.8.4	Triplek	6 mm	Lbr	91.120,00	*
5	X.3.8.5	Plywood	9 mm	Lbr	134.000,00	*
6	X.3.8.6	Multiplek	12 mm	Lbr	187.600,00	*
7	X.3.8.7	Multiplek	15 mm	Lbr	262.640,00	*
8	X.3.8.8	Multiplek	18 mm	Lbr	300.160,00	*
9	X.3.8.9	Melaminto		Lbr	117.920,00	
10	X.3.8.10	Teakwood	3 mm	Lbr	107.200,00	
11	X.3.8.11	Teakwood	4 mm	Lbr	107.200,00	
12	X.3.8.12	Triplek	lapis aluminium	Lbr	107.200,00	*
13	X.3.8.13	Lumbercoll	16 mm	Lbr	257.280,00	
14	X.3.8.14	Lumbercoll	18 mm	Lbr	328.353,60	
15	X.3.8.15	Multiplek	Mega sungkai 3 mm	Lbr	107.200,00	
16	X.3.8.16	Phenol Film	12 mm	Lbr	250.848,00	
17	X.3.8.17	Mega Sungkai 3 mm		Lbr	163.051,20	
18	X.3.8.18	HPL Motif / Texture	Taco Setara	Lbr	259.700,00	*
19	X.3.8.19	HPL Polos	Taco Setara	Lbr	169.600,00	*
20	X.3.8.20	Plywood tebal 4 mm Ukuran (90 x 220) cm		Lbr	83.600,00	*
21	X.3.8.21	Teakwood tebal 4 mm Ukuran (90 x 220) cm		Lbr	321.750,00	*
	X.3.9.	Bahan Pelapis Dinding				
	X.3.9.1.	Kaca				
1	X.3.9.1.1	Kaca Bening	3 mm	M^2	159.507,04	Asahimas*
2	X.3.9.1.2	Kaca Bening	5 mm	M^2	174.784,50	Asahimas*
3	X.3.9.1.3	Kaca Bening	6 mm	M^2	295.515,28	Asahimas*
4	X.3.9.1.4	Kaca Bening	8 mm	M^2	398.767,60	Asahimas*
5	X.3.9.1.5	Kaca Bening	10 mm	M^2	558.274,64	Asahimas
6	X.3.9.1.6	Kaca Bening	12 mm	M^2	717.781,68	Asahimas*
7	X.3.9.1.7	Kaca Rayband	3 mm	M^2	178.021,25	Asahimas
8	X.3.9.1.8	Kaca Rayband	10 mm	M^2	455.734,40	Asahimas
9	X.3.9.1.9	Kaca Rayband	12 mm	M^2	733.447,55	Asahimas
10	X.3.9.1.10	Kaca Grafir	5 mm	M^2	947.073,05	
11	X.3.9.1.11	Kaca Grafir	8 mm	M^2	1.184.909,44	
12	X.3.9.1.12	Kaca Buram Polos	5 mm	M^2	364.587,52	
13	X.3.9.1.13	Kaca Buram Polos	8 mm	M^2	638.028,16	
14	X.3.9.1.14	Kaca Buram Motif	5 mm	M^2	638.028,16	
15	X.3.9.1.15	Kaca Buram Motif	8 mm	M^2	638.028,16	
16	X.3.9.1.16	Kaca Patri	5 mm	M^2	200.807,97	
17	X.3.9.1.17	Kaca Flash	5 mm	M^2	820.321,92	
18	X.3.9.1.18	Kaca RD	5 mm	M^2	638.028,16	
19	X.3.9.1.19	Kaca Rayband	5 mm	M^2	245.758,00	
20	X.3.9.1.20	Kaca Tempered	9 mm	M^2	1.320.000,00	*
21	X.3.9.1.21	Kaca Tempered	10 mm	M^2	1.375.000,00	*
22	X.3.9.1.22	Kaca Tempered	12 mm	M^2	1.925.000,00	*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
23	X.3.9.1.23	Kaca Panasap / Stopsol	6 mmBlue/Green/Silver	M^2	495.000,00	*
24	X.3.9.1.24	Kaca Cermin 5 mm		M ²	223.630,00	*
	X.3.9.2.	Gypsum				
1	X.3.9.2.1	Gypsum Standard Board	Ukuran9 x 1200 x 2400 mm	Lbr	77.000,00	Knauf*
2	X.3.9.2.2	Gypsum Standard Board	Ukuran12 x 1200 x 2400 mm	Lbr	93.500,00	Knauf
3	X.3.9.2.3	Gypsum Standard Board	Ukuran9 x 1200 x 2400 mm	Lbr	73.150,00	IGP
4	X.3.9.2.4	Gypsum Standard Board	Ukuran9 x 1200 x 2400 mm	Lbr	75.900,00	Gyproc
5	X.3.9.2.5	Gypsum Fireshield	Ukuran12 x 1200 x 2400 mm	Lbr	137.694,00	Knauf
6	X.3.9.2.6	Gypsum Fireshield	Ukuran15 x 1200 x 2400 mm	Lbr	150.096,00	Knauf
7	X.3.9.2.7	Gypsum Moistureshield	Ukuran9 x 1200 x 2400 mm	Lbr	123.490,00	Knauf
8	X.3.9.2.8	Gypsum Moistureshield	Ukuran12 x 1200 x 2400 mm	Lbr	137.694,00	Knauf
9	X.3.9.2.9	Gypsum Moistureshield	Ukuran15 x 1200 x 2400 mm	Lbr	151.792,00	Knauf
10	X.3.9.2.10	Gypsum Denseshield	Ukuran12 x 1200 x 2400 mm	Lbr	137.694,00	Knauf
11	X.3.9.2.11	Gypsum Denseshield	Ukuran15 x 1200 x 2400 mm	Lbr	151.792,00	Knauf
12	X.3.9.2.12	Gypsum List Polos	Ukuran3 x 1100 x 2200 mm	M¹	33.000,00	
13	X.3.9.2.13	Hollow 2 x 4 galvalum rangka plafon	Ukuran3	Btng	27.500,00	*
14	X.3.9.2.14	Wall Angle	Ukuran3	Btng	13.200,00	*
15	X.3.9.2.15	Fiber Tape	Ukuran30 meter	Roll	16.500,00	Soner*
16	X.3.9.2.16	Gypsum Standard Board	Ukuran9 x 1200 x 2400 mm	M^2	82.500,00	Jaya Board*
17	X.3.9.2.17	Sekrup DryWall 1 "		Bh	137,50	*
18	X.3.9.2.18	Tepung Gypsum	Ukuran20 Kg	Zak	24.200,00	A Plus*
19	X.3.9.2.19	Metal track rangka dinding gypsum		M¹	18.700,00	*
20	X.3.9.2.20	Metal stuud rangka dinding gypsum		M¹	20.900,00	*
21	X.3.9.2.21	Hollow 4 x 4 tebal 2 mm		M ¹	34.500,00	*
	X.3.9.3.	GRC				
1	X.3.9.3.1	GRC (External)	Ukuran9 x 300 x 2440 mm	Lbr	71.500,00	
2	X.3.9.3.2	GRC (External)	Ukuran9 x 1220 x 2440 mm	Lbr	391.646,75	
3	X.3.9.3.3	GRC (External)	Ukuran12 x 1220 x 2440 mm	Lbr	529.791,24	
4	X.3.9.3.4	GRC (External)	Ukuran15 x 1220 x 2440 mm	Lbr	699.267,47	
5	X.3.9.3.5	GRC (External)	Ukuran4 x 600 x 2440 mm	Lbr	34.464,91	
6	X.3.9.3.6	GRC (External)	Ukuran9 x 100 x 2440 mm	Lbr	48.706,61	
7	X.3.9.3.7	GRC (External)	Ukuran9 x 200 x 2440 mm	Lbr	86.874,37	
8	X.3.9.3.8	GRC (Internal)	Ukuran4 x 1220 x 2440 mm	Lbr	122.996,50	
9	X.3.9.3.9	GRC (Internal)	Ukuran5 x 1220 x 2440 mm	Lbr	146.689,51	
10	X.3.9.3.10	GRC (Internal)	Ukuran6 x 1220 x 2440 mm	Lbr	88.770,00	
11	X.3.9.3.11	GRC (Internal)	Ukuran8 x 1220 x 2440 mm	Lbr	284.834,00	
12	X.3.9.3.12	GRC (Internal)	Ukuran10 x 1220 x 2440 mm	Lbr	323.675,00	
13	X.3.9.3.13	GRC (External)	Ukuran4 x 200 x 2440 mm	Lbr	63.800,00	Nusa Plank
14	X.3.9.3.14	Eternit	Ukuran100 x 100 mm	Lbr	66.000,00	
	X.3.9.4.	Aluminium Panel				
1	X.3.9.4.1	Aluminium composit	T = 4 mmUk. Lebar1220 x 2440mm	Lbr	2.285.792,85	Alusingen
2	X.3.9.4.2	Aluminium composit	T = 6 mm Uk. Lebar2000 x 3000mm	Lbr	2.285.792,85	Alcotex
3	X.3.9.4.3	Aluminium composit	T = 4 mm Uk. Lebar1220 x 2440mm	Lbr	2.100.650,75	Alcopla

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.9.4.4	Aluminium composit	(XL/XX) t. 4 mm Uk. Lebar1220 Panj. 2440, 3100, 4200 mm	Lbr	1.780.212,50	Alcopla
5	X.3.9.4.5	Aluminium composit	(XI) t. 4 mm Uk. Lebar1220 Panj. 2440, 3100, 4200mm	Lbr	1.737.487,40	Alcopla
6	X.3.9.4.6	Aluminium composit	T. 4 mm Uk. Lebar1220 Panj. 2440, 3100, 4200 mm	Lbr	2.100.650,75	Alcotex
7	X.3.9.4.7	Aluminium composit	T. 4 mmUk. Lebar1220 Panj. 2440, 3100, 4200 mm	Lbr	1.922.629,50	Alcubond
8	X.3.9.4.8	Aluminium composit	T. 4 mmUk. Lebar1220 Panj. 2440, 3100, 4200 mm	Lbr	1.584.000,00	Seven*
	X.3.9.5.	Kalsi Board				
1	X.3.9.5.1	Kalsi Board	Ukuran1200x 2400x 3,5 mm	Lbr	63.958,18	*
2	X.3.9.5.2	Kalsi Board	Ukuran1200x 2400x 4,5 mm	Lbr	97.102,50	
3	X.3.9.5.3	Kalsi Board	Ukuran1200x 2400x 6 mm	Lbr	126.880,60	
4	X.3.9.5.4	Kalsi Board	Ukuran1200x 2400x 8 mm	Lbr	207.152,00	
5	X.3.9.5.5	Kalsi Board	Ukuran1200x 2400x 12 mm	Lbr	264.118,80	
	X.3.9.6.	Accoustic Ceiling				
1	X.3.9.6.1	Accoustic Ceiling	Ukuran15 x 600 x 600 mm	M ²	150.000,00	Amstrong
2	X.3.9.6.2	Suspension/Exposed (Rod 4 mm, Main T/Cross T. 24 mm, Wall Angle L Metal)	Ukuran600 x 600 mm	M²	90.000,00	
	X.3.10. X.3.10.1.	Bahan Pelapis Lantai Granito Tile				
1	X.3.10.1.1	Granite Tile IndoGress	AcropolisAphrodite LT Crema Ukuran 1,44 m2 60 x 60	M2	345.565,00	Indogress
2	X.3.10.1.2	Granite Tile	AcropolisAphrodite LT Crema Zeus GreyUkuran 1,44 m2 60 x 60	M ²	345.565,00	Indogress
3	X.3.10.1.3	Granite Tile	NaturaAphrodite LT Crema Poseidon LT BrownUkuran 1,44 m2 60 x 60 NaturaAphrodite LT Crema Kronos LT	M2	375.538,00	Indogress
4	X.3.10.1.4	Granite Tile	BlackUkuran 1,44 m2 60 x 60	M2	375.538,00	Indogress
5	X.3.10.1.5	Granite Tile	U.colour/polishAphrodite LT Crema ZirconiumUkuran 1,44 m2 60 x 60	M2	375.538,00	Indogress
6	X.3.10.1.6	Granite Tile	U.colour/polishAphrodite LT Crema White onyxUkuran 1,44 m2 60 x 60	M2	450.728,00	Indogress
7	X.3.10.1.7	Granite Tile	U.colour/polishAphrodite LT Crema SuperwhiteUkuran 1,44 m2 60 x 60	M2	563.513,00	Indogress
8	X.3.10.1.8	Granite Tile	U.colour/polishAphrodite LT Crema Black onyxUkuran 1,44 m2 60 x 60	M2	601.932,00	Indogress
9	X.3.10.1.9	Granite Tile	Topaz Polish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	277.894,00	Indogress
10	X.3.10.1.10	Granite Tile	Topaz Unpolished 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	247.818,00	Indogress
11	X.3.10.1.11	Granite Tile	GalenaPolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	300.451,00	Indogress
12	X.3.10.1.12	Granite Tile	CitrineUnpolished 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	277.894,00	Indogress
13	X.3.10.1.13	Granite Tile	RubyUnpolished 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	277.894,00	Indogress
14	X.3.10.1.14	Granite Tile	ZirconiumPolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40 Meonston Polish 1 Dus = 0.96 m2 = 6	M2	330.527,00	Indogress
15	X.3.10.1.15	Granite Tile	MoonstonePolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40 SoloniumPolish 1 Dus = 0.06 m2 = 6	M2	330.527,00	Indogress
16	X.3.10.1.16	Granite Tile	SeleniumPolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	330.527,00	Indogress

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
17	X.3.10.1.17	Granite Tile	OlivinePolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M²	375.538,00	Indogress
18	X.3.10.1.18	Granite Tile	OlivineUnpolished 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	345.565,00	Indogress
19	X.3.10.1.19	Granite Tile	Cobalt BluePolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	435.690,00	Indogress
20	X.3.10.1.20	Granite Tile	TitaniumPolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M²	435.690,00	Indogress
21	X.3.10.1.21	Granite Tile	Black OnyxPolish 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	435.690,00	Indogress
22	X.3.10.1.22	Granite Tile	TitaniumUnpolished 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	398.095,00	Indogress
	X.3.10.1.23	Granite Tile	Black OnyxUnpolished 1 Dus = 0.96 m2 = 6 PcsUkuran 40 x 40	M2	398.095,00	Indogress
24	X.3.10.1.24	Granite Tile	Cristallo Ukuran 80 x 80	M ²	481.500,00	Indogress*
25	X.3.10.1.25	Granite Tile	Saphire Ukuran 80 x 80	M2	518.950,00	Indogress*
26	X.3.10.1.26	Granite Tile Granito	CastelloRustic (unpolished), Silver Ukuran 30 x 30	M²	322.208,95	Granito
27	X.3.10.1.27	Granite Tile	CastelloRustic (unpolished), Gold Ukuran 30 x 30	M²	348.681,05	Granito*
28	X.3.10.1.28	Granite Tile	CastelloRustic (unpolished), Silver Ukuran 40 x 40	M²	203.148,00	Granito
29	X.3.10.1.29	Granite Tile	CastelloRustic (unpolished), Gold Ukuran 40 x 40	M²	229.482,00	Granito
30	X.3.10.1.30	Granite Tile	SalsaOasis (unpolished), Silver Ukuran 40 x 40	M²	203.148,00	Granito
31	X.3.10.1.31	Granite Tile	PalazzoMirror (polished), Silver Ukuran 40 x 40	M²	373.692,00	Granito
32	X.3.10.1.32	Granite Tile	SalsaCrystal (polished), Silver Ukuran 60 x 60	M ²	277.134,00	Granito
33	X.3.10.1.33	Granite Tile	SalsaOasis(polished), Diamond Ukuran 60 x 60	M2	373.692,00	Granito
34	X.3.10.1.34	Granite Tile	PalazzoMirror (polished), Arezzo Ukuran 60 x 60	M ²	339.834,00	Granito*
35	X.3.10.1.35	Granite Tile	PalazzoMirror (polished), Palermo Ukuran 60 x 60	M2	359.898,00	Granito
36	X.3.10.1.36	Granite Tile	PalazzoMirror (polished), Monza Ukuran 60 x 60 Salas Crustal (polished), Silver Illurron	M2	373.692,00	Granito
37	X.3.10.1.37	Granite Tile	SalsaCrystal (polished), Silver Ukuran 60 x 60	M²	511.221,84	Granito
38	X.3.10.1.38	Granite Tile	AuroraMirror (polished), Silver Ukuran 60 x 60	M ²	367.422,00	Granito
39	X.3.10.1.39	Granite Tile	AuroraMirror (polished), Silver Ukuran 60 x 60 AuroraMirror (polished), Gold Ukuran	M²	367.422,00	Granito
40	X.3.10.1.40	Granite Tile	60 x 60	M²	453.948,00	Granito
	X.3.10.1.41	Granite Tile	Salsa Pearl white Mirror (polished), Ukuran 80 x 80	M ²	525.000,00	Granito*
	X.3.10.1.42	Granite Tile	Utility Tile Ukuran 20 x 20	M ²	334.424,03	Granito
43	X.3.10.1.43	Granite Tile	MosaicsJasmine Ukuran 90 x 90	Buah	2.395.163,91	Granito
44	X.3.10.1.44	Granite Tile	MosaicsSonar Ukuran 90 x 90	Buah	1.873.326,15	Granito
45	X.3.10.1.45	Granite Tile	MosaicsVenus Ukuran 160 x 120	Buah	3.210.716,09	Granito
46	X.3.10.1.46	Granite Tile	SabbiaCasa Ukuran 60 x 60	M2	532.950,00	Granito
47	X.3.10.1.47	Granite Tile	SabbiaCasa Ukuran 60 x 60	M²	532.950,00	Granito
48	X.3.10.1.48	Granite Tile	LunarBronzeUnpolised Ukuran 60 x 60	M2	356.136,00	Granito
49	X.3.10.1.49	Granite Tile	LunarSilverUnpolised Ukuran 60 x 60	M²	372.438,00	Granito
50	X.3.10.1.50	Granite Tile	LunarGoldUnpolised Ukuran 60 x 60	M ²	421.344,00	Granito

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51	X.3.10.1.51	Granite Tile	LunarDiamondUnpolised Ukuran 60 x 60	M2	472.758,00	Granito
52	X.3.10.1.52	Granite Tile	Plint Ukuran 10 x 40	Buah	70.537,50	Granito
53	X.3.10.1.53	Granite Tile Essenza	Salt & Pepper UnpolishedGrup A Ukuran 30 x 30	M ²	313.760,00	Essenza
54	X.3.10.1.54	Granite Tile	Salt & Pepper PolishedGrup A Ukuran 30 x 30	M2	438.840,00	Essenza
55	X.3.10.1.55	Granite Tile	Salt & Pepper RockGrup A Ukuran 30 x 30	M ²	295.528,00	Essenza
56	X.3.10.1.56	Granite Tile	Salt & Pepper StepnoseGrup A Ukuran 30 x 30	M ²	57.982,00	Essenza
57	X.3.10.1.57	Granite Tile	Salt & Pepper UnpolishedGrup B Ukuran 30 x 30	M ²	359.128,00	Essenza
58	X.3.10.1.58	Granite Tile	Salt & Pepper RockGrup B Ukuran 30 x 30	M ²	314.608,00	Essenza
59	X.3.10.1.59	Granite Tile	Salt & Pepper StepnoseGrup B Ukuran 30 x 30	M2	63.600,00	Essenza
60	X.3.10.1.60	Granite Tile	Salt & Pepper UnpolishedGrup C Ukuran 30 x 30	M ²	408.206,00	Essenza
61	X.3.10.1.61	Granite Tile	Salt & Pepper RockGrup C Ukuran 30 x 30	M2	382.872,00	Essenza
62	X.3.10.1.62	Granite Tile	Salt & Pepper StepnoseGrup C Ukuran 30 x 30	M ²	68.688,00	Essenza
63	X.3.10.1.63	Granite Tile	Big GrainUnpolishedGrup A Ukuran 30 x 30	M ²	438.840,00	Essenza
64	X.3.10.1.64	Granite Tile	Big GrainPolishedGrup A Ukuran 30 x 30	M2	518.764,00	Essenza
65	X.3.10.1.65	Granite Tile	MarbleHonedGrup A Ukuran 30 x 30	M²	457.496,00	Essenza
66	X.3.10.1.66	Granite Tile	DomusUnpolishedGrup A Ukuran 30 x 30	M ²	418.382,00	Essenza
67	X.3.10.1.67	Granite Tile	FlameRockGrup A Ukuran 30 x 30	M ²	418.382,00	Essenza
68	X.3.10.1.68	Granite Tile	Salt & Pepper PolishedGrup A Ukuran 40 x 40	M ²	438.840,00	Essenza
69	X.3.10.1.69	Granite Tile	Salt & Pepper Unpolished Grup B Ukuran 40 x 40	M ²	358.810,00	Essenza
70	X.3.10.1.70	Granite Tile	Salt & Pepper PolishedGrup B Ukuran 40 x 40	M ²	483.042,00	Essenza
71	X.3.10.1.71	Granite Tile	Big GrainPolishedGrup A Ukuran 40 x 40	M ²	539.222,00	Essenza
72	X.3.10.1.72	Granite Tile	MarbleHonedGrup A Ukuran 40 x 40	M²	457.496,00	Essenza
73	X.3.10.1.73	Granite Tile	MarblePolishedGrup A Ukuran 40 x 40	M2	546.006,00	Essenza
74	X.3.10.1.74	Granite Tile	Ructic Ukuran 40 x 40	M²	312.912,00	Essenza
75	X.3.10.1.75	Granite Tile	Salsa & Pepper (Grup A) Black Ukuran 60 x 60	M2	442.762,00	Essenza
	X.3.10.1.76	Granite Tile	Salsa & Pepper (Grup B) Grey Ukuran 60 x 60	M ²	359.128,00	Essenza
77	X.3.10.1.77	Granite Tile	Travertine (Grup A) Ukuran 60 x 60	M ²	522.156,00	Essenza
	X.3.10.1.78	Granite Tile	Domus (Grup A) unpolished Ukuran 60 x 60	M ²	480.710,00	Essenza
	X.3.10.1.79	Granite Tile	SejatiPolishedUkuran 60 x 60	Box	322.596,00	Sejati
	X.3.10.1.80	Granite Tile	SejatiAL - PolishedUkuran 60 x 60	Вох	391.297,00	Sejati
	X.3.10.1.81	Granite Tile	Nordic 1 - 4 Ukuran 60 x 60	Вох	466.075,00	Sejati
	X.3.10.1.82	Granite Tile	Faye Ukuran 60 x 60	m2	208.781,00	Niro
	X.3.10.1.83	Granite Tile	Karyla Ukuran 60 x 60	m2	192.198,00	Niro
84	X.3.10.1.84	Granite Tile	Estee Ukuran 60 x 60	m2	192.198,00	Niro

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85	X.3.10.1.85	Granite Tile	White Latte Ukuran 60 x 60	m2	214.755,00	Niro
86	X.3.10.1.86	Granite Tile	White Crystal Ukuran 60 x 60	m2	214.755,00	Niro
87	X.3.10.1.87	Granite Tile	Polished Porcelain Tiles Plain Colour OP001CM Ukuran 60 x 60	m2	281.490,00	Monalisa
88	X.3.10.1.88	Granite Tile	Polished Porcelain Tiles Plain Colour OP001CM Ukuran 80 x 80	m2	344.850,00	Monalisa
89	X.3.10.1.89	Granite Tile	Polished Porcelain Tiles Marbel Series YSDP Ukuran 60 x 60	m2	409.200,00	Monalisa
90	X.3.10.1.90	Granite Tile	Polished Porcelain Tiles Marbel Series YSDP Ukuran 80 x 80	m2	615.120,00	Monalisa
91	X.3.10.1.91	Granite Tile	Polished Porcelain Tiles Marbel Series YSDP Ukuran 100 x 100	m2	654.720,00	Monalisa
92	X.3.10.1.92	Granite Tile	Super White TilesXP 001 CM Ukuran 60 x 60	m2	397.320,00	Monalisa
93	X.3.10.1.93	Granite Tile	Super White TilesXP 001 CM Ukuran 80 x 80	m2	486.420,00	Monalisa
94	X.3.10.1.94	Granite Tile	Super White TilesXP 001 CM Ukuran 100 x 100	m2	679.470,00	Monalisa
95	X.3.10.1.95	Granite Tile	Super White TilesXP 001 CM Ukuran 60 x 120	m2	692.340,00	Monalisa
96	X.3.10.1.96	Granite Tile	Rustic Tile Afternoon ImpresionUkuran 60 x 60	m2	294.360,00	Monalisa
97	X.3.10.1.97	Granite Tile	Rustic Tile Afternoon ImpresionUkuran 80 x 80	m2	357.720,00	Monalisa
98	X.3.10.1.98	Granite Tile	Polished Shell Marbel Shell 6FS6601V* Ukuran 60 x 60	m2	371.910,00	Venus
99	X.3.10.1.99	Granite Tile	Super White Tiles Marbel 6XKP1000V Ukuran 60 x 60	m2	397.320,00	Venus
100	X.3.10.1.100	Granite Tile	Marbel Classic Ivory 6WLP008V Ukuran 60 x 60	m2	371.910,00	Venus
101	X.3.10.1.101	Granite Tile	Full Color Super White 6XP001V Ukuran 60 x 60	m2	360.140,00	Venus
102	X.3.10.1.102	Granite Tile	Full Color Cream 6OP001V Ukuran 60 x 60	m2	270.050,00	Venus
103	X.3.10.1.103	Granite Tile	MarbelSerpegiante Yellow PJ6604V Ukuran 60 x 60	m2	385.880,00	Venus
	X.3.10.1.104	Granite Tile	Standart Ukuran 60 x 60	m2	270.270,00	Viva
	X.3.10.1.105	Granite Tile	Standart Ukuran 60 x 60	m2	192.500,00	Cove
	X.3.10.1.106	Granite Tile	Ornamen Ukuran 100 x 100	Pcs	3.559.040,00	Indogress
107	X.3.10.1.107	Marmer Bakar		m2	1.661.600,00	
108	X.3.10.1.108	Marmer	Standart	m2	1.340.000,00	
109	X.3.10.1.109	Marmer	Medium	m2	1.608.000,00	
110	X.3.10.1.110	Marmer	Premium	m2	2.680.000,00	
	X.3.10.2.	Keramik				
1	X.3.10.2.1	Keramik	DindingPolos Ukuran 20 x 20 cm	Вох	83.210,00	Kia*
2	X.3.10.2.2	Keramik	DindingSpecial (Warna Muda) Ukuran 20 x 20 cm	Вох	72.380,00	Kia
3	X.3.10.2.3	Keramik	DindingPolos Ukuran 20 x 25 cm	Box	92.644,00	Kia
4	X.3.10.2.4	Keramik	DindingSpecial (Warna Muda) Ukuran 20 x 25 cm	Вох	97.790,00	Kia*
5	X.3.10.2.5	Keramik	DindingMedium (Warna Tua) Ukuran 20 x 25 cm	Вох	99.322,00	Kia

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6	X.3.10.2.6	Keramik	DindingListUkuran 7,5 x 20 cm	Bh	12.190,00	Kia
7	X.3.10.2.7	Keramik	DindingSpecialUkuran 25 x 40 cm	Вох	177.656,00	Kia
8	X.3.10.2.8	Keramik	DindingMediumUkuran 25 x 40 cm	Вох	188.680,00	Kia
9	X.3.10.2.9	Keramik	Ukuran 25 x 40 cm	Вох	164.830,00	Kia
10	X.3.10.2.10	Keramik	DindingListUkuran 7,5 x 20 cm	Bh	26.076,00	Kia
11	X.3.10.2.11	Keramik	LantaiRustic Ukuran 30 x 30 cm	Вох	58.300,00	Kia
12	X.3.10.2.12	Keramik	LantaiSpecial Ukuran 40 x 40 cm	Box	71.500,00	Kia
13	X.3.10.2.13	Keramik	LantaiMedium Ukuran 40 x 40 cm	Вох	77.000,00	Kia
14	X.3.10.2.14	Keramik	Lantai SpecialUkuran 45 x 45 cm	Вох	118.932,00	Kia
15	X.3.10.2.15	Keramik	Lantai MediumUkuran 45 x 45 cm	Box	124.020,00	Kia
16	X.3.10.2.16	Keramik	Roxy Ukuran 20 x 20 cm	Вох	81.302,00	Asia
17	X.3.10.2.17	Keramik	Ukuran 20 x 20 cm	Вох	83.210,00	Asia
18	X.3.10.2.18	Keramik	Murano Ukuran 30 x 30 cm	Box	63.250,00	Asia
19	X.3.10.2.19	Keramik	Jungle/Etna Ukuran 30 x 30 cm	Вох	63.250,00	Asia
20	X.3.10.2.20	Keramik	Orient/Marmol/Capri/Milo Ukuran 30 x 30 cm	Вох	64.860,00	Asia
21	X.3.10.2.21	Keramik	Newton/Nori/Marble Ukuran 30 x 30 cm	Вох	75.472,00	Asia
22	X.3.10.2.22	Keramik	Corsica Ukuran 30 x 30 cm	Вох	84.590,00	Asia*
23	X.3.10.2.23	Keramik	Oscar Ukuran 30 x 30 cm	Вох	104.830,00	Asia*
24	X.3.10.2.24	Keramik	Petra Ukuran 30 x 30 cm	Вох	86.602,00	Asia
25	X.3.10.2.25	Keramik	Ukuran 40 x 40 cm	Вох	60.500,00	Asia
26	X.3.10.2.26	Keramik	Ukuran 20 x 20 cm	Вох	95.082,00	Ikad
27	X.3.10.2.27	Keramik	Ukuran 30 x 30 cm	Вох	75.350,00	Ikad
28	X.3.10.2.28	Keramik	Ukuran 20 x 25 cm	Вох	101.866,00	Ikad
29	X.3.10.2.29	Keramik	DindingPremiumUkuran 25 x 40 cm	Вох	89.540,00	Lacasa
30	X.3.10.2.30	Keramik	DindingExclusive AUkuran 25 x 40 cm	Вох	239.772,00	Lacasa
31	X.3.10.2.31	Keramik	DindingListUkuran 7,5 x 20 cm	Bh	49.184,00	Lacasa
32	X.3.10.2.32	Keramik	DindingPremiumUkuran 30 x 50 cm	Box	251.644,00	Lacasa
33	X.3.10.2.33	Keramik	DindingExclusive AUkuran 30 x 50 cm	Вох	265.212,00	Lacasa
34	X.3.10.2.34	Keramik	DindingListUkuran 7,5 x 20 cm	Bh	59.360,00	Lacasa
	X.3.10.2.35	Keramik	Ukuran 30 x 30 cm	Box	76.426,00	Mulia
	X.3.10.2.36	Keramik	Ukuran 40 x 40 cm	Вох	60.500,00	Mulia
	X.3.10.2.37	Keramik	Ukuran 20 x 20 cm	Вох	78.122,00	Mulia
	X.3.10.2.38	Keramik	Murano Ukuran 40 x 40 cm	Вох	60.500,00	Platinum*
	X.3.10.2.39	Keramik	Torino/Galleria Ukuran 40 x 40 cm	Вох	84.906,00	Platinum
	X.3.10.2.40	Keramik	Tahiti Ukuran 40 x 40 cm	Вох	86.602,00	Platinum
	X.3.10.2.41	Keramik	Genesis Ukuran 40 x 40 cm	Вох	91.690,00	Platinum
	X.3.10.2.42	Keramik	Caracas Ukuran 40 x 40 cm	Вох	91.690,00	Platinum
	X.3.10.2.43	Keramik	Cordon Ukuran 40 x 40 cm	Вох	100.170,00	Platinum
	X.3.10.2.44	Keramik	Albatros Ukuran 40 x 40 cm	Box	101.866,00	Platinum
45	X.3.10.2.45	Keramik	Ozone Ukuran 40 x 40 cm	Вох	110.452,00	Platinum
46	X.3.10.2.46	Keramik	Normay (Dasar terang) Ukuran 40 x 40 cm	Вох	86.240,00	Milan
47	X.3.10.2.47	Keramik	Normay (Dasar gelap) Ukuran 40 x 40 cm	Вох	86.240,00	Milan
48	X.3.10.2.48	Keramik	Liceo (dasar gelap) Ukuran 40 x 40 cm	Box	130.804,00	Supermilan

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
49	X.3.10.2.49	Keramik	Liceo (dasar terang) Ukuran 40 x 40 cm	Box	122.324,00	Supermilan
50	X.3.10.2.50	Keramik	Putih polos Ukuran 40 x 40 cm	Вох	83.050,00	Hercules
51	X.3.10.2.51	Keramik	Dasar terang Ukuran 40 x 40 cm	Вох	89.994,00	Hercules
52	X.3.10.2.52	Keramik	Dasar gelap Ukuran 40 x 40 cm	Вох	93.386,00	Hercules
53	X.3.10.2.53	Keramik	Ukuran 40 x 40 cm	Вох	71.500,00	Arwana
54	X.3.10.2.54	Keramik	Ukuran 40 x 40 cm	Вох	112.200,00	Roman*
	X.3.10.3.	Aluminium				
1	X.3.10.3.1	Wallpaper		Roll	349.690,00	Elegance
2	X.3.10.3.2	Wallpaper		Roll	401.720,00	Oasis
3	X.3.10.3.3	Wallpaper	50 x 1500 cm	Roll	536.000,00	Premium*
4	X.3.10.3.4	Wallpaper	50 x 1000 cm	Roll	289.440,00	Standart*
5	X.3.10.3.5	Vertical Blind	Solar Screen	M ²	246.560,00	Ona*
6	X.3.10.3.6	Horizontal Blind	Solar Screen	M ²	242.272,00	Ona
7	X.3.10.3.7	Wood Blind	Solal Screen	M ²	220.220,00	Ona
	X.3.10.3.7 X.3.10.3.8	Wood Blind Wood Blind		M ²	182.710,00	Tamarin
					+	
9	X.3.10.3.9	Sealent		tube	49.078,00	Dekkson*
	X.3.10.3.10	Sekrup Fisher		bh	1.590,00	
	X.3.10.3.11	Alumunium Strip	Daun Jendela DIE 5091 Silver Tebal	M1	49.078,00	Alexindo
	X.3.10.3.12	Window Casement	1.05 mm UK 39,8 x 35 x 600 Daun Jendela DIE 5091 Coklat Tebal	btng	218.688,00	Alexindo
13	X.3.10.3.13	Window Casement	1.05 mm UK 39,8 x 35 x 600	btng	235.089,60	Alexindo
14	X.3.10.3.14	Window Casement	Daun Jendela DIE 5091 Putih Tebal 1.05 mm UK 39,8 x 35 x 600	btng	263.068,80	Alexindo*
15	X.3.10.3.15	Window Casement	Tutup Daun Jendela DIE 921 Silver Tebal 1.05 mm UK 18 x 33,18 x 600	btng	93.478,40	Alexindo
16	X.3.10.3.16	Window Casement	Tutup Daun Jendela DIE 921 Coklat Tebal 1.05 mm UK 18 x 33,18 x 600	btng	100.660,80	Alexindo
17	X.3.10.3.17	Window Casement	Tutup Daun Jendela DIE 921 Putih Tebal 1.05 mm UK 18 x 33,18 x 600	btng	112.560,00	Alexindo*
18	X.3.10.3.18	Window Casement	Sponengan Kursi DIE 5090 Silver Tebal 1.05 mm UK 30,4 x 41,66 x 600	btng	163.480,00	Alexindo
19	X.3.10.3.19	Window Casement	Sponengan Kursi DIE 5090 Coklat Tebal 1.05 mm UK 30,4 x 41,66 x 600	btng	175.915,20	Alexindo
20	X.3.10.3.20	Window Casement	Sponengan Kursi DIE 5090 Putih Tebal 1.05 mm UK 30,4 x 41,66 x 600	btng	196.712,00	Alexindo*
21	X.3.10.3.21	Window Casement	Sponengan L DIE 6733 Silver Tebal 1.05 mm UK 19,05 x 41 x 600	btng	111.488,00	Alexindo
22	X.3.10.3.22	Window Casement	Sponengan L DIE 6733 Coklat Tebal 1.05 mm UK 19,05 x 41 x 600	btng	119.956,80	Alexindo
23	X.3.10.3.23	Window Casement	Sponengan L DIE 6733 Putih Tebal 1.05 mm UK 19,05 x 41 x 600	btng	134.107,20	Alexindo*
24	X.3.10.3.24	Sliding Door	Tiang Samping DIE 11284 Silver Tebal 1 mm UK 22,2 x 79,1 x 600	btng	192.102,40	Alexindo
25	X.3.10.3.25	Sliding Door	Rel Bawah DIE 11285 Silver Tebal 1 mm UK 34,9 x 76,2 x 600	btng	295.228,80	Alexindo
26	X.3.10.3.26	Sliding Door	Tiang Kait DIE 11281 Silver Tebal 1 mm UK 38,1 x 38,1 x 600	btng	240.128,00	Alexindo
27	X.3.10.3.27	Sliding Door	Rel Atas DIE 11286 Silver Tebal 1 mm UK 25 x 76,2 x 600	btng	232.088,00	Alexindo
28	X.3.10.3.28	Sliding Door	Tiang Polos DIE 11282 Silver Tebal 1 mm UK 50,8 x 28,3 x 600	btng	241.736,00	Alexindo
29	X.3.10.3.29	Sliding Door	Ambang Atas DIE 11283 Silver Tebal 1 mm UK 35 x 25,4 x 600	btng	184.598,40	Alexindo

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
30	X.3.10.3.30	Sliding Door	Ambang Bawah DIE 11287 Silver Tebal 1 mm UK 69,85 x 25,4 x 600	btng	285.259,20	Alexindo
31	X.3.10.3.31	Kusen 4"	Open Back DIE 4406 Silver Tebal 1 mm UK 12,7 x 50,8 x 600	btng	304.233,60	Alexindo
32	X.3.10.3.32	Kusen 4"	Open Back DIE 4406 Coklat Tebal 1 mm UK 12,7 x 50,8 x 600	btng	327.067,20	Alexindo
33	X.3.10.3.33	Kusen 4"	Open Back DIE 4406 Putih Tebal 1 mm UK 12,7 x 50,8 x 600	btng	365.980,80	Alexindo*
34	X.3.10.3.34	Kusen 4"	Sponeng DIE 7587 Silver Tebal 1 mm UK 44,45 x 101,6 x 600	btng	112.024,00	Alexindo
35	X.3.10.3.35	Kusen 4"	Sponeng DIE 7587 Coklat Tebal 1 mm UK 44,45 x 101,6 x 600	btng	120.492,80	Alexindo
36	X.3.10.3.36	Kusen 4"	Sponeng DIE 7587 Putih Tebal 1 mm UK 44,45 x 101,6 x 600	btng	134.750,40	Alexindo*
37	X.3.10.3.37	Kusen 4"	Kusen M/ Kacamati DIE 4404 Silver Tebal 1 mm UK 44,45 x 101,6 x 600	btng	355.796,80	Alexindo
38	X.3.10.3.38	Kusen 4"	Kusen M/ Kacamati DIE 4404 Coklat Tebal 1 mm UK 44,45 x 101,6 x 600	btng	382.489,60	Alexindo
39	X.3.10.3.39	Kusen 4"	Kusen M/ Kacamati DIE 4404 Putih Tebal 1 mm UK 44,45 x 101,6 x 600	btng	427.942,40	Alexindo*
40	X.3.10.3.40	Kusen 4"	Kusen L DIE 4405 Silver Tebal 1 mm UK 44,45 x 101,6 x 600	btng	330.819,20	Alexindo
41	X.3.10.3.41	Kusen 4"	Kusen L DIE 4405 Coklat Tebal 1 mm UK 44,45 x 101,6 x 600	btng	355.689,60	Alexindo
42	X.3.10.3.42	Kusen 4"	Kusen L DIE 4405 Putih Tebal 1 mm UK 44,45 x 101,6 x 600	btng	397.926,40	Alexindo*
43	X.3.10.3.43	Kusen 4"	Tutup M/ Tutup Kacamati Silver Tebal 1 mm UK 19 x 77,46 x 600 Tutup M/ Tutup Kacamati Coklat Tebal	btng	172.163,20	Alexindo
44	X.3.10.3.44	Kusen 4"	1 mm UK 19 x 77,46 x 600	btng	185.027,20	Alexindo
45	X.3.10.3.45	Kusen 4"	Tutup M/ Tutup Kacamati Putih Tebal 1 mm UK 19 x 77,46 x 600	btng	208.182,40	Alexindo*
46	X.3.10.3.46	Kusen 4"	Tutup Rata DIE 4408 Silver Tebal 1 mm UK 77,46 x 600	btng	120.600,00	Alexindo
47	X.3.10.3.47	Kusen 4"	Tutup Rata DIE 4408 Coklat Tebal 1 mm UK 77,46 x 600	btng	129.604,80	Alexindo
48	X.3.10.3.48	Kusen 4"	Tutup Rata DIE 4408 Putih Tebal 1 mm UK 77,46 x 600 Tutup L/ Tutup Jeep DIE 4409 Silver	btng	145.041,60	Alexindo*
49	X.3.10.3.49	Kusen 4"	Tebal 1 mm UK 21,35 x 44,3 x 600 Tutup L/ Tutup Jeep DIE 4409 Coklat	btng	122.636,80	Alexindo
50	X.3.10.3.50	Kusen 4"	Tebal 1 mm UK 21,35 x 44,3 x 600 Tutup L/ Tutup Jeep DIE 4409 Putih	btng	131.748,80	Alexindo
51	X.3.10.3.51	Kusen 4"	Tebal 1 mm UK 21,35 x 44,3 x 600 Sponeng DIE 5959 Silver Tebal 1 mm	btng	147.400,00	Alexindo*
52	X.3.10.3.52	Kusen 4"	UK 12,7 x 35 x 600 Sponeng DIE 5959 Coklat Tebal 1 mm	btng	72.896,00	Alexindo
53	X.3.10.3.53	Kusen 4"	UK 12,7 x 35 x 600 Sponeng DIE 5959 Putih Tebal 1 mm	btng	78.577,60	Alexindo
54	X.3.10.3.54	Kusen 4"	UK 12,7 x 35 x 600 Ambang Bawah DIE 4204 Silver Tebal	btng	87.904,00	Alexindo
55	X.3.10.3.55	Swing Door	1.3 mm UK 99,53 x 41,2 x 114,1 Ambang Bawah DIE 4204 Coklat Tebal	btng	580.380,80	Alexindo
56	X.3.10.3.56	Swing Door	1.3 mm UK 99,53 x 41,2 x 114,1 Ambang Bawah DIE 4204 Putih Tebal	btng	624.011,20	Alexindo
57	X.3.10.3.57	Swing Door	1.3 mm UK 99,53 x 41,2 x 114,1 Tiang Mo Hair DIE 4203 Silver Tebal	btng	698.300,80	Alexindo
58	X.3.10.3.58	Swing Door	1.3 mm UK 44,45 x 69,55 x 600 Tiang Mo Hair DIE 4204 Coklat Tebal	btng	487.331,20	Alexindo
59	X.3.10.3.59	Swing Door	1.3 mm UK 44,45 x 69,55 x 600	btng	523.993,60	Alexindo

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
60	X.3.10.3.60	Swing Door	Tiang Mo Hair DIE 4204 Putih Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	586.276,80	Alexindo
61	X.3.10.3.61	Swing Door	Tiang Polos DIE 4202 Silver Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	474.788,80	Alexindo
62	X.3.10.3.62	Swing Door	Tiang Polos DIE 4202 Coklat Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	510.593,60	Alexindo
63	X.3.10.3.63	Swing Door	Tiang Polos DIE 4202 Putih Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	571.268,80	Alexindo
64	X.3.10.3.64	Swing Door	Ambang Atas DIE 4201 Silver Tebal 1.3 mm UK 48,78 x 41,2 x 600	btng	391.387,20	Alexindo
65	X.3.10.3.65	Swing Door	Ambang Atas DIE 4202 Coklat Tebal 1.3 mm UK 48,78 x 41,2 x 600	btng	420.760,00	Alexindo
66	X.3.10.3.66	Swing Door	Ambang Atas DIE 4202 Putih Tebal 1.3 mm UK 48,78 x 41,2 x 600	btng	470.822,40	Alexindo
67	X.3.10.3.67	Swing Door	Tiang Engsel DIE 5730 Silver Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	519.276,80	Alexindo
68	X.3.10.3.68	Swing Door	Tiang Engsel DIE 5730 Coklat Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	558.512,00	Alexindo
69	X.3.10.3.69	Swing Door	Tiang Engsel DIE 5730 Putih Tebal 1.3 mm UK 44,45 x 69,55 x 600	btng	624.761,60	Alexindo
70	X.3.10.3.70	Swing Door	Frameless DIE 11489 Silver Tebal 1.3 mm UK 38 x 85 x 600	btng	900.265,60	Alexindo
71	X.3.10.3.71	Swing Door	Tiang Engsel DIE 11489 Coklat Tebal 1.3 mm UK 38 x 85 x 600	btng	968.016,00	Alexindo
	X.3.10.3.72	Swing Door	Tiang Engsel DIE 11489 Putih Tebal 1.3 mm UK 38 x 85 x 600	btng	1.082.934,40	Alexindo
73	X.3.10.3.73	Profil Alumunium Kusen	Putih4"	M¹	120.000,00	Alexindo*
74	X.3.10.3.74	Profil Alumunium Kusen	Coklat4"	M¹	110.000,00	Alexindo*
75	X.3.10.3.75	Profil Alumunium Kusen	Abu Abu4"	M^1	100.000,00	Alexindo*
76	X.3.10.3.76	Rangka Jendela Alumunium		M^1	92.000,00	Alexindo*
77	X.3.10.3.77	Rangka Pintu Alumunium		M^1	181.470,00	Alexindo*
78	X.3.10.3.78	Profil Sliding Door	1.80 cm	btng	369.955,00	Dekkson*
79	X.3.10.3.79	Lem Bubuk		Bh	47.035,00	
80	X.3.10.3.80	Floor Deck	1 x 3 meter	Lmbr	517.960,00	Sakura
81	X.3.10.3.81	Floor Deck	1 x 6 meter	Lmbr	901.485,00	Sakura
82	X.3.10.3.82	Floor Deck	Galvanish 0.75 mm	M²	185.610,00	
83	X.3.10.3.83	Anchor Bolt	Ø 22 mm ; p = 60 cm	Bh	110.975,00	
84	X.3.10.3.84	Alumunium Hollow	4/4 GT, 0.33 mm P. 4 m	Btng	32.890,00	*
85	X.3.10.3.85	Alumunium Hollow	2/4 GT, 0.33 mm P. 4 m	btng	24.840,00	
86	X.3.10.3.86	Rangka Hollow 2 x 4 x 0,2 cm		M¹	66.585,00	
87	X.3.10.3.87	Rangka Hollow 4 x 6 x 0,3 cm		M¹	90.275,00	
88	X.3.10.3.88	Rangka Hollow 8 x 6 x 0,3 cm		M¹	119.830,00	
89	X.3.10.3.89	Hollow 2.5 x 2.5 cm		M¹	369.955,00	
	X.3.10.3.90	Pipa Steanlist 2.5		M¹	517.960,00	
91	X.3.10.3.91	list Stainless		Btg	888.030,00	
92	X.3.10.3.92	Kaki Stainless		Ibr	118.335,00	
93	X.3.10.3.93	Sealent		bh	60.490,00	Krisbow
	X.3.10.3.94	Paku Rifet		Kotak	89.700,00	*
	X.3.10.3.95	Karet Skoneng hitam		M¹	4.140,00	*
	X.3.10.3.96	Daun Pintu Engineering	Finishing Politur Natural	Unit	1.265.000,00	*
97	X.3.10.3.97	Floor Deck	1 x 4 meter Tebal 0.75	Lmbr	552.000,00	*
98	X.3.10.3.98	Floor Deck	1 x 5 meter Tebal 0.75	Lmbr	690.000,00	*
	X.3.10.3.99	Floor Deck	Tebal 0.75	M¹	138.000,00	*
100	X.3.10.3.100	Sunscreen Aluminium		M²	411.125,00	*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.10.4. X.3.10.4.1.	Lantai Parket (Lantai Kayu) Lantai Parket				
1	X.3.10.4.1.1	Lantai Kayu	Country oakUkuran1215x 196 x 8.3 mm	M ²	288.532,00	Kendo
2	X.3.10.4.1.2	Lantai Kayu	Blossom cherryUkuran1215x 196 x 8.3 mm	M^2	288.532,00	Kendo
3	X.3.10.4.1.3	Lantai Kayu	Trendy TeakUkuran1215x 196 x 8.3 mm	M^2	288.532,00	Kendo
4	X.3.10.4.1.4	Lantai Kayu	Champion OakUkuran1215x 196 x 8.3 mm	M^2	288.532,00	Kendo
5	X.3.10.4.1.5	Lantai Kayu	Black teakUkuran1215x 196 x 8.3 mm	M^2	288.532,00	Kendo
6	X.3.10.4.1.6	Lantai Kayu	Tropical teakUkuran1215x 196 x 8.3 mm	M ²	288.532,00	Kendo
7	X.3.10.4.1.7	Lantai Kayu	Colorado beechUkuran1215x 196 x 8.3 mm	M ²	288.532,00	Kendo
8	X.3.10.4.1.8	Lantai Kayu	Classic walnutUkuran1215x 196 x 8.3 mm	M^2	288.532,00	Kendo
9	X.3.10.4.1.9	Lantai Kayu	Horizon BeechUkuran1215x 196 x 8.3 mm	M^2	288.532,00	Kendo
10	X.3.10.4.1.10	Lantai Kayu	Costul (DCW)Ukuran 12 x 102 x 900 mm	M^2	552.472,00	Gracewood
11	X.3.10.4.1.11	Lantai Kayu	Costul (DCW) Ukuran 12 x 140 x 900 mm	M^2	552.472,00	Gracewood
12	X.3.10.4.1.12	Lantai Kayu	Costul (DCW)Ukuran 12 x 140 x 915 mm	M^2	552.472,00	Gracewood
13	X.3.10.4.1.13	Lantai Kayu	Costul (DCW) Ukuran 12 x 140 x 925 mm	M^2	552.472,00	Gracewood
14	X.3.10.4.1.14	Lantai Kayu	Kalimantan Poon Ukuran 12 x 102 x 900 mm	M^2	681.050,00	Gracewood
15	X.3.10.4.1.15	Lantai Kayu	Kalimantan Poon Ukuran 12 x 140 x 900 mm	M^2	681.050,00	Gracewood
16	X.3.10.4.1.16	Lantai Kayu	Kalimantan Poon Ukuran 12 x 140 x 900 mm	M^2	681.050,00	Gracewood
17	X.3.10.4.1.17	Lantai Kayu	Kalimantan Poon Ukuran 12 x 140 x 915 mm	M^2	681.050,00	Gracewood
18	X.3.10.4.1.18	Lantai Kayu	Kalimantan Poon Ukuran 12 x 140 x 925 mm	M^2	681.050,00	Gracewood
19	X.3.10.4.1.19	Lantai Kayu	Light Nyatoh Ukuran 12 x 102 x 900 mm	M^2	681.050,00	Gracewood
20	X.3.10.4.1.20	Lantai Kayu	Light NyatohUkuran 12 x 140 x 900 mm	M^2	681.050,00	Gracewood
21	X.3.10.4.1.21	Lantai Kayu	Light Nyatoh Ukuran 12 x 140 x 915 mm	M^2	681.050,00	Gracewood
22	X.3.10.4.1.22	Lantai Kayu	Light Nyatoh Ukuran 12 x 140 x 925 mm	M ²	681.050,00	Gracewood
23	X.3.10.4.1.23	Lantai Kayu	Golden Rosewood Ukuran 12 x 102 x 900 mm	M ²	745.286,00	Gracewood
24	X.3.10.4.1.24	Lantai Kayu	Golden Rosewood Ukuran 12 x 140 x 900 mm	M ²	745.286,00	Gracewood
25	X.3.10.4.1.25	Lantai Kayu	Golden Rosewood Ukuran 12 x 140 x 915 mm	M ²	745.286,00	Gracewood
26	X.3.10.4.1.26	Lantai Kayu	Golden Rosewood Ukuran 12 x 140 x 925 mm	M ²	745.286,00	Gracewood
27	X.3.10.4.1.27	Lantai Kayu	Costul (DCW) Ukuran 28 x 180x 1000	M^2	1.105.050,00	Gracewood
28	X.3.10.4.1.28	Lantai Kayu	Costul (DCW) Ukuran 28 x 180x 2000 mm	M ²	1.105.050,00	Gracewood

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
29	X.3.10.4.1.29	Lantai Kayu	Basic CollectionUkuran7 mm x 19 cm x 128,5	M^2	650.204,00	Hornitex
					-	(Ex Jerman)
30	X.3.10.4.1.30	Lantai Kayu	Comfort CollectionUkuran8 mmx 19 cm x 128,5	M^2	700.342,00	Hornitex
31	X.3.10.4.1.31	Lantai Kayu	UkuranUkuran8 mmx 19 cm x 121	M^2	549.928,00	Ipokett
32	X.3.10.4.1.32	Lantai Kayu	Ukuran8 mmx 19 cm x 121	M^2	549.928,00	Tarawood
33	X.3.10.4.1.33	Lantai Kayu	Ukuran8 mmx 19 cm x 121	M^2	549.928,00	Tarawood
34	X.3.10.4.1.34	Composite Lantai Kayu Decking	DB 14028 Ukuran28 mmx 140	M^2	308.990,00	Green R M
35	X.3.10.4.1.35	Composite Lantai Kayu Decking End	DB E14028 Ukuran28 mmx 140	M^2	381.918,00	Green R M
36	X.3.10.4.1.36	Composite Lantai Kayu Decking Tongue & Groove	DBTG E14025 Ukuran28 mmx 140	M^2	343.758,00	Green R M
37	X.3.10.4.1.37	Composite Lantai Kayu Decking	DB 10020 Ukuran20 mmx 100	M^2	290.122,00	Green R M
38	X.3.10.4.1.38	Composite Dinding Panel Outdoor	WPO19812 Ukuran12 mmx 198	M^2	154.336,00	Green R M
39	X.3.10.4.1.39	Composite Dinding Panel Outdoor	WPO18033 Ukuran33 mmx 180	M^2	267.332,00	Green R M
40	X.3.10.4.1.40	Composite Dinding Panel Outdoor	WPO18518 Ukuran18 mmx 185	M^2	166.738,00	Green R M
41	X.3.10.4.1.41	Composite Dinding Panel Outdoor	WPO18025 Ukuran25 mmx 180	M^2	312.382,00	Green R M
42	X.3.10.4.1.42	Composite Kayu Plafond	CL10012 Ukuran12 mmx 100	M^2	73.140,00	Green R M
43	X.3.10.4.1.43	Composite Kayu Plafond	CL09615 Ukuran15 mmx 95	M^2	66.886,00	Green R M
44	X.3.10.4.1.44	Composite Kayu Plafond	CL14025 Ukuran25 mmx 140	M^2	172.674,00	Green R M
45	X.3.10.4.1.45	Composite Kayu Plafond	CL124810 Ukuran10 mmx 248	M^2	29.680,00	Green R M
46	X.3.10.4.1.46	Composite Indoor Flooring	IF20012 Ukuran12 mmx 200	M^2	215.710,00	Green R M
47	X.3.10.4.1.47	Composite Indoor Flooring	IF11312 Ukuran12 mmx 113	M^2	106.954,00	Green R M
48	X.3.10.4.1.48	Composite Door Frame	DF12050 Ukuran50 mmx 120	M^1	177.338,00	Green R M
49	X.3.10.4.1.49	Composite Side 4 Side Outdoor	S4SO09090 Ukuran90 mmx 90	M^1	419.124,00	Green R M
50	X.3.10.4.1.50	Composite Side 4 Side Outdoor	S4SO15030 Ukuran30 mmx 150	M¹	313.760,00	Green R M
51	X.3.10.4.1.51	Composite Pagar	FP30050 Ukuran50 mmx 300	M¹	431.526,00	Green R M
52	X.3.10.4.1.52	Composite Handrail	HR06055 Ukuran50 mmx 66	M¹	132.606,00	Green R M
53	X.3.10.4.1.53	Lantai Kayu		M^2	585.120,00	DreamWood*
54	X.3.10.4.1.54	Lantai Kayu	Vynil	M^2	231.000,00	Selgrid*
55	X.3.10.4.1.55	Lantai Karpet		M ²	302.500,00	*
	X.3.10.4.2.	Pelengkap Lantai Parket				
1	X.3.10.4.2.1	Adaptation profile	L 45 mm x T 12 mm	М	45.452,80	Kendo
	X.3.10.4.2.2	Transition profile	L 40 mm x T 12 mm	M	45.452,80	Kendo
3	X.3.10.4.2.3	End Profile	L 35 mm x T 12 mm	M	45.452,80	Kendo
4	X.3.10.4.2.4	Staircase nosing profile	L 68 mm x T 22 mm	M	48.347,20	Kendo
	X.3.10.4.2.5	Skirting profile	T 60 mm P 2400 mm	M	43.094,40	Kendo
	X.3.10.4.2.6	Skirting profile	T 100 mm P 2400 mm	M	50.169,60	Kendo
-	X.3.10.4.2.7	Lem Perekat Khusus	Berat 400 gram	Botol	64.963,20	Gracewood*
-	X.3.10.4.2.7	Lem Perekat Khusus	Berat 800 gram	Botol	122.100,80	Hornitex
-	X.3.10.4.2.9	PE Foam	Tebal 3 mm	M ²	16.830,40	*
-	X.3.10.4.2.7	PE Foam	Warna Abu-abu	M ²	32.481,60	Hornitex
10	70.10.7.2.10	i Li odili	Traine ribe and	IVI	52.701,00	(Ex Jerman)
						(Ex 20111all)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
11	X.3.10.4.2.11	PE Foam	Warna Putih	M^2	15.544,00	Hornitex
					-	(Ex Jerman)
12	X.3.10.4.2.12	Step Nosing Kayu	Tongue Panjang 1,2 m	Btg	46.739,20	Gracewood
13	X.3.10.4.2.13	Step Nosing Kayu	Tongue Panjang 2,4 m	Btg	85.652,80	Gracewood
14	X.3.10.4.2.14	Step Nosing Kayu	Groove Panjang 1,2 m	Btg	42.451,20	Gracewood
15	X.3.10.4.2.15	Step Nosing Kayu	Groove Panjang 2,4 m	Btg	85.652,80	Gracewood
16	X.3.10.4.2.16	Plin Lantai	MDF Ukuran4 cm x Panjang2,5 m	Btg	268.107,20	Hornitex
17	X.3.10.4.2.17	Plin Lantai	MDF Ukuran6 cm x Panjang2,4 m	Btg	298.873,60	Hornitex
18	X.3.10.4.2.18	Plin Lantai	MDF Ukuran6 cm x Panjang2,4 m	Btg	328.353,60	Hornitex
19	X.3.10.4.2.19	Lis Jepit Bawah Pintu	Aluminium Panjang 2,7 m	Btg	508.020,80	Hornitex
20	X.3.10.4.2.20	Lis Jepit Bawah Pintu	MDF Panjang 2,4 m	Btg	567.088,00	Hornitex
21	X.3.10.4.2.21	Lis Jepit Bawah Pintu	MDF Panjang 2,7 m	Btg	642.664,00	Hornitex
22	X.3.10.4.2.22	Lis Jepit Antar Parket	Aluminium Panjang 2,7 m	Btg	552.830,40	Hornitex
23	X.3.10.4.2.23	Lis Jepit Antar Parket	MDF Panjang 2,4 m	Btg	567.088,00	Hornitex
24	X.3.10.4.2.24	Lis Jepit Antar Parket	MDF Panjang 2,7 m	Btg	642.664,00	Hornitex
25	X.3.10.4.2.25	Step Noosing Tangga	Aluminium Panjang 2,7 m	Btg	810.432,00	Hornitex
26	X.3.10.4.2.26	Step Noosing Tangga	MDF Motif Kayu Panjang 2,4 m	Btg	567.088,00	Hornitex
		1 0 00	, , ,	J		
	X.3.10.5.	Paving Block				
1	X.3.10.5.1	Paving Block	Serasi Abu-Abu(6 cm) isi 44 /m2	Bh	2.718,87	Malang Indah
	X.3.10.5.2	Paving Block	Serasi Merah(6 cm) isi 44 /m2	Bh	3.858,21	Malang Indah
\vdash	X.3.10.5.3	Paving Block	Serasi Abu-Abu(8 cm) isi 44 /m2	Bh	3.081,39	Malang Indah
	X.3.10.5.4	Paving Block	Serasi Merah(8 cm) isi 44 /m2	Bh	4.479,66	Malang Indah
	X.3.10.5.5	Paving Block	Tiga Berlian Abu-Abu(6 cm) isi 35 /m2	Bh	3.081,39	Malang Indah
6	X.3.10.5.6	Paving Block	Tiga Berlian Merah(6 cm) isi 35 /m2	Bh	4.220,72	Malang Indah
7	X.3.10.5.7	Paving Block	Tiga Berlian Abu-Abu(8 cm) isi 35 /m2	Bh	3.443,90	Malang Indah
8	X.3.10.5.8	Paving Block	Tiga Berlian Merah(8 cm) isi 35 /m2	Bh	4.842,18	Malang Indah
9	X.3.10.5.9	Paving Block	Diagonal Abu-Abu(6 cm) isi 40 /m2	Bh	2.900,13	Malang Indah
10	X.3.10.5.10	Paving Block	Diagonal Merah(6 cm) isi 40 /m2	Bh	4.461,54	Malang Indah
11	X.3.10.5.11	Paving Block	Diagonal Abu-Abu(8 cm) isi 40 /m2	Bh	3.262,64	Malang Indah
12	X.3.10.5.12	Paving Block	Diagonal Merah(8 cm) isi 40 /m2	Bh	4.660,92	Malang Indah
13	X.3.10.5.13	Paving Block	Bata Abu-Abu(6 cm) isi 48 /m2	Bh	2.537,61	Malang Indah
14	X.3.10.5.14	Paving Block	Bata Merah(6 cm) isi 48 /m2	Bh	3.676,95	Malang Indah
15	X.3.10.5.15	Paving Block	Bata Abu-Abu (8 cm) isi 48 /m2	Bh	2.900,13	Malang Indah
16	X.3.10.5.16	Paving Block	Bata Merah(8 cm) isi 48 /m2	Bh	4.298,40	Malang Indah
	X.3.10.5.17	Paving Block	Gras Block Abu-Abu(6 cm) isi 9 /m2	Bh	13.594,35	Malang Indah
	X.3.10.5.18	Paving Block	Diagonal Jumbo Abu-Abu (6 cm) isi 30 /m2	Bh	5.075,22	Malang Indah
19	X.3.10.5.19	Paving Block	Diagonal Jumbo Merah (6 cm) isi 30 /m2	Bh	6.991,38	Malang Indah
20	X.3.10.5.20	Paving Block	Diagonal Jumbo Abu-Abu (8 cm) isi 30 /m2	Bh	6.991,38	Malang Indah
21	X.3.10.5.21	Paving Block	Diagonal Jumbo Merah (8 cm) isi 30 /m2	Bh	6.991,38	Malang Indah
22	X.3.10.5.22	Paving Block	Benteng Abu-Abu(6 cm) isi 35 /m2	Bh	3.081,39	Malang Indah
	X.3.10.5.23	Paving Block	Benteng Merah (6 cm) isi 35 /m2	Bh	4.220,72	Malang Indah
	X.3.10.5.24	Paving Block	Benteng Abu-Abu(8 cm) isi 35 /m2	Bh	3.443,90	Malang Indah
	X.3.10.5.25	Paving Block	Benteng Merah (8 cm) isi 35 /m2	Bh	4.842,18	Malang Indah
	X.3.10.5.26	Paving Block K 225	Serasi Abu-Abu (6 cm) isi 44 /m2	Bh	3.366,22	Malang Indah

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
27	X.3.10.5.27	Paving Block K 225	Serasi Merah (6 cm) isi 44 /m2	Bh	4.660,92	Malang Indah
28	X.3.10.5.28	Paving Block K 225	Serasi Abu-Abu (8 cm) isi 44 /m2	Bh	3.884,10	Malang Indah
29	X.3.10.5.29	Paving Block K 225	Serasi Merah (8 cm) isi 44 /m2	Bh	5.178,80	Malang Indah
30	X.3.10.5.30	Paving Block K 225	Tiga Berlian Abu-Abu (6 cm) isi 35 /m2	Bh	3.884,10	Malang Indah
31	X.3.10.5.31	Paving Block K 225	Tiga Berlian Merah (6 cm) isi 35 /m2	Bh	5.178,80	Malang Indah
32	X.3.10.5.32	Paving Block K 225	Tiga Berlian Abu-Abu (8 cm) isi 35 /m2	Bh	4.143,04	Malang Indah
33	X.3.10.5.33	Paving Block K 225	Tiga Berlian Merah (8 cm) isi 35 /m2	Bh	5.826,15	Malang Indah
34	X.3.10.5.34	Paving Block K 225	Diagonal Abu-Abu (6 cm) isi 40 /m2	Bh	3.884,10	Malang Indah
35	X.3.10.5.35	Paving Block K 225	Diagonal Merah (6 cm) isi 40 /m2	Bh	5.178,80	Malang Indah
36	X.3.10.5.36	Paving Block K 225	Diagonal Abu-Abu (8 cm) isi 40 /m2	Bh	5.437,74	Malang Indah
37	X.3.10.5.37	Paving Block K 225	Diagonal Merah (8 cm) isi 40 /m2	Bh	5.567,21	Malang Indah
38	X.3.10.5.38	Paving Block K 225	Bata Abu-Abu (6 cm) isi 48 /m2	Bh	3.236,75	Malang Indah
	X.3.10.5.39	Paving Block K 225	Bata Merah (6 cm) isi 48 /m2	Bh	4.531,45	Malang Indah
40	X.3.10.5.40	Paving Block K 225	Bata Abu-Abu(8 cm) isi 48 /m2	Bh	3.884,10	Malang Indah
41	X.3.10.5.41	Paving Block K 225	Bata Merah (8 cm) isi 48 /m2	Bh	5.178,80	Malang Indah
42	X.3.10.5.42	Paving Block K 225	Gras Block Abu-Abu (6 cm) isi 9 /m2	Bh	15.018,52	Malang Indah
43	X.3.10.5.43	Paving Block K 225	Diagonal Jumbo Abu-Abu(6 cm) isi 30 /m2	Bh	4.272,51	Malang Indah
44	X.3.10.5.44	Paving Block K 225	Diagonal Jumbo Merah(6 cm) isi 30 /m2	Bh	4.660,92	Malang Indah
45	X.3.10.5.45	Paving Block K 225	Diagonal Jumbo Abu-Abu(8 cm) isi 30 /m2	Bh	4.660,92	Malang Indah
46	X.3.10.5.46	Paving Block K 225	Diagonal Jumbo Merah(8 cm) isi 30 /m2	Bh	4.919,86	Malang Indah
47	X.3.10.5.47	Paving Block K 225	Benteng Abu-Abu (6 cm) isi 35 /m2	Bh	3.884,10	Malang Indah
48	X.3.10.5.48	Paving Block K 225	Benteng Merah(6 cm) isi 35 /m2	Bh	5.178,80	Malang Indah
49	X.3.10.5.49	Paving Block K 225	Benteng Abu-Abu (8 cm) isi 35 /m2	Bh	4.272,51	Malang Indah
	X.3.10.5.50	Paving Block K 225	Benteng Merah(8 cm) isi 35 /m2	Bh	5.826,15	Malang Indah
	X.3.10.5.51	Paving Block 300	Serasi Abu-Abu (6 cm) isi 44 /m2	Bh	4.078,31	Malang Indah
52	X.3.10.5.52	Paving Block 300	Serasi Merah (6 cm) isi 44 /m2	Bh	5.787,31	Malang Indah
	X.3.10.5.53	Paving Block 300	Serasi Abu-Abu (8 cm) isi 44 /m2	Bh	4.622,08	Malang Indah
54	X.3.10.5.54	Paving Block 300	Serasi Merah (8 cm) isi 44 /m2	Bh	6.719,49	Malang Indah
55	X.3.10.5.55	Paving Block 300	Tiga Berlian Abu-Abu(6 cm) isi 35 /m2	Bh	4.622,08	Malang Indah
56	X.3.10.5.56	Paving Block 300	Tiga Berlian Merah(6 cm) isi 35 /m2	Bh	6.279,30	Malang Indah
57	X.3.10.5.57	Paving Block 300	Tiga Berlian Abu-Abu(8 cm) isi 35 /m2	Bh	5.165,85	Malang Indah
58	X.3.10.5.58	Paving Block 300	Tiga Berlian Merah(8 cm) isi 35 /m2	Bh	7.263,27	Malang Indah
59	X.3.10.5.59	Paving Block 300	Diagonal Abu-Abu(6 cm) isi 40 /m2	Bh	4.350,19	Malang Indah
60	X.3.10.5.60	Paving Block 300	Diagonal Merah(6 cm) isi 40 /m2	Bh	6.692,30	Malang Indah
61	X.3.10.5.61	Paving Block 300	Diagonal Abu-Abu(8 cm) isi 40 /m2	Bh	4.893,97	Malang Indah
62	X.3.10.5.62	Paving Block 300	Diagonal Merah(8 cm) isi 40 /m2	Bh	6.991,38	Malang Indah
63	X.3.10.5.63	Paving Block 300	Bata Abu-Abu(6 cm) isi 48 /m2	Bh	5.101,12	Malang Indah
64	X.3.10.5.64	Paving Block 300	Bata Merah(6 cm) isi 48 /m2	Bh	5.515,42	Malang Indah
65	X.3.10.5.65	Paving Block 300	Bata Abu-Abu (8 cm) isi 48 /m2	Bh	4.350,19	Malang Indah
66	X.3.10.5.66	Paving Block 300	Bata Merah(8 cm) isi 48 /m2	Bh	6.447,61	Malang Indah
67	X.3.10.5.67	Paving Block 300	Gras Block Abu-Abu(6 cm) isi 9 /m2	Bh	15.147,99	Malang Indah
68	X.3.10.5.68	Paving Block 300	Diagonal Jumbo Abu-Abu (6 cm) isi 30 /m2	Bh	4.531,45	Malang Indah
69	X.3.10.5.69	Paving Block 300	Diagonal Jumbo Merah (6 cm) isi 30 /m2	Bh	4.790,39	Malang Indah

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
70	X.3.10.5.70	Paving Block 300	Diagonal Jumbo Abu-Abu (8 cm) isi 30 /m2	Bh	4.790,39	Malang Indah
71	X.3.10.5.71	Paving Block 300	Diagonal Jumbo Merah (8 cm) isi 30 /m2	Bh	5.178,80	Malang Indah
72	X.3.10.5.72	Paving Block 300	Benteng Abu-Abu(6 cm) isi 35 /m2	Bh	4.622,08	Malang Indah
73	X.3.10.5.73	Paving Block 300	Benteng Merah (6 cm) isi 35 /m2	Bh	6.331,08	Malang Indah
74	X.3.10.5.74	Paving Block 300	Benteng Abu-Abu(8 cm) isi 35 /m2	Bh	5.165,85	Malang Indah
75	X.3.10.5.75	Paving Block 300	Benteng Merah (8 cm) isi 35 /m2	Bh	7.263,27	Malang Indah
	X.3.10.6.	Kansteen				
1	X.3.10.6.1	Kansteen	Type K.225Ukuran15/20 x 30 x 50 cm	Bh	53.964,39	Malang Indah*
2	X.3.10.6.2	Kansteen	Type K.300 Ukuran15/20 x 30 x 50 cm	Bh	64.583,75	Malang Indah
3	X.3.10.6.3	Kansteen	Type K.225Ukuran15/20 x 20 x 50 cm	Bh	43.696,13	Malang Indah
4	X.3.10.6.4	Kansteen	Type K.300 Ukuran15/20 x 20 x 50 cm	Bh	51.211,86	Malang Indah
5	X.3.10.6.5	Kansteen	Type K.225Ukuran20/20 x 40 x 50 cm	Bh	64.233,95	Malang Indah
6	X.3.10.6.6	Kansteen	Type K.300 Ukuran20/20 x 40 x 50 cm	Bh	75.506,90	Malang Indah
7	X.3.10.6.7	Kansteen	Type K.225Ukuran15/20 x 30 x 50 cm	Bh	59.165,20	Malang Indah
8	X.3.10.6.8	Kansteen	Type K.300 Ukuran15/20 x 40 x 50 cm	Bh	64.670,27	Malang Indah
9	X.3.10.6.9	Kansteen	Type K.225Ukuran12/15 x 20 x 50 cm	Bh	38.841,00	Malang Indah
10	X.3.10.6.10	Kansteen	Type K.300 Ukuran12/15 x 20 x 50 cm	Bh	44.408,21	Malang Indah
	X.3.10.7.	Tegel/Ubin				
1	X.3.10.7.1	Tegel/Ubin	Grys Warna Ukuran 30 x 30 cm	Bh	5.194,00	Malang Indah
	X.3.10.7.1	Tegel/Ubin	Grys Warna Ukuran 20 x 20 cm	Bh	2.544,00	Malang Indah
3	X.3.10.7.2 X.3.10.7.3	Tegel/Ubin	Grys Abu-abu Ukuran 30 x 30 cm	Bh	4.664,00	Malang Indah
4	X.3.10.7.3 X.3.10.7.4	Tegel/Ubin	Grys Abu-abu Ukuran 20 x 20 cm	Bh	2.332,00	Malang Indah
4	Λ.3.10.7.4	Tegel/Obili	Orys Abu-abu Okulan 20 x 20 cm	ы	2.332,00	Malariy iridari
	X.3.11.	Bahan Penutup Atap				
1	X.3.11.1	Atap Sirap		Bh	805,00	
2	X.3.11.2	Tilux		Lbr	55.660,00	
3	X.3.11.3	Atap tegola		M2	240.000,00	
4	X.3.11.4	Atap Onduline	Ukuran90 x 180 cm	Lbr	256.350,60	
5	X.3.11.5	Talang PVC		Bh	117.169,60	Maspion
6	X.3.11.6	Atap Onduline	Efektif Terpasang 1,53 m2 Ukuran200 x 95 cm	Lbr	197.248,00	Onduline
7	X.3.11.7	Genteng Onduvilla	Efektif Terpasang 0,31 m2 Ukuran105 x 40 cm	Lbr	63.033,60	Onduline
8	X.3.11.8	Onduvilla terracotta	Efektif Terpasang 0,31 m2 Ukuran105 x 40 cm	Lbr	72.252,80	Onduline
9	X.3.11.9	Bardoline Rectangular	Efektif Terpasang 3,05 m2	Pack	630.872,00	Onduline
10	X.3.11.10	Onduclair Transparan	Efektif Terpasang 1,53 m2 Ukuran200 x 95 cm	Lbr	338.323,20	Onduline
11	X.3.11.11	Ondubar	Efektif Terpasang 30 m2 Ukuran1 x 30 m	Roll	1.029.977,60	Onduline
12	X.3.11.12	Ondumastic	Sealent	Tube	85.974,40	Onduline
13	X.3.11.13	Ventilation Piece		рс	118.134,40	Onduline
	X.3.11.14	Nok/Bubungan	Efektif Terpasang0,8 m1 Ukuran100 x	Lbr	102.054,40	Onduline
14	A.J. 11.14	Non Dubungan	48 cm	LUI	102.034,40	Onuuiille

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
15	X.3.11.15	Nok terracotta	Ukuran100 x 48 cm	Lbr	118.134,40	Onduline
16	X.3.11.16	Fleshing/Nok Samping	Efektif Terpasang0,91 m1 Ukuran110 cm	Lbr	91.763,20	Onduline
17	X.3.11.17	Onduglass	aqua Efektif Terpasang2 m2 Ukuran100 x 200 cm tebal. 4.75 mm	Lbr	745.576,00	Onduline
18	X.3.11.18	Onduglass	Slant Efektif Terpasang2,44 m2 Ukuran122 x 244 cm tebal. 4.6 mm	Lbr	1.074.680,00	Onduline
19	X.3.11.19	Onduband	Ukuran10 x 1000 cm	Lbr	342.932,80	Onduline
20	X.3.11.20	Onduband	Ukuran15 x 1000 m	Lbr	427.835,20	Onduline
21	X.3.11.21	Onduband	Ukuran20 x 1000 m	Lbr	514.988,80	Onduline
22	X.3.11.22	Skylight Onduline	Ukuran20 x 1000 m	Lbr	862.531,20	Onduline
23	X.3.11.23	Skrew		pcs	1.072,00	Onduline
24	X.3.11.24	Truss	75 x 75Panjang 6 meter	Btng	85.974,40	Taso*
25	X.3.11.25	Truss	75 x 65Panjang 6 meter	Btng	79.113,60	Taso*
26	X.3.11.26	Reng	32 x 45Panjang 6 meter	Btng	40.092,80	Taso*
	X.3.11.27	Sekrup Reng 12 x 45	, and the second	Bh	321,60	*
	X.3.11.28	Dynabolt 10 x 77		Bh	1.715,20	
	X.3.11.29	Baut Reng 12 x 16		Bh	160,80	*
	X.3.11.30	Sekrup Drywall 1,25 inch		Bh	214,40	
	X.3.11.31	Nok Atap Tegola		Bh	88.000,00	*
31	7.5.11.51	Nok Alap Tegola		DII	00.000,00	
	X.3.11.1.	Genteng Press				
1	X.3.11.1.1	Genteng Beton	Kia Naturallsi 20 Bh/m2	Bh	7.182,40	Malang Indah
2	X.3.11.1.2	Genteng Beton	Kia CatAir 1xIsi 20 Bh/m2	Bh	3.859,20	Malang Indah
3	X.3.11.1.3	Genteng Beton	Kia CatAir 2x Isi 20 Bh/m2	Bh	5.038,40	Malang Indah
4	X.3.11.1.4	Genteng Beton	Garuda Natural Isi 20 Bh/m2	Bh	7.182,40	Malang Indah
5	X.3.11.1.5	Genteng Beton	Garuda CatAir 1xIsi 20 Bh/m2	Bh	3.859,20	Malang Indah
6	X.3.11.1.6	Genteng Beton	Garuda Natural 2xIsi 20 Bh/m2	Bh	5.038,40	Malang Indah
7	X.3.11.1.7	Genteng Beton	Garuda Natural Isi 12 Bh/m2	Bh	9.326,40	Malang Indah*
8	X.3.11.1.8	Genteng Beton	Garuda CatAir 1xlsi 12 Bh/m2	Bh	6.539,20	Malang Indah
9	X.3.11.1.9	Genteng Beton	Garuda CatAir 2xlsi 12 Bh/m2	Bh	7.611,20	Malang Indah
10	X.3.11.1.10	Genteng Beton	Safaril Natural Isi 12 Bh/m2	Bh	6.860,80	Malang Indah
11	X.3.11.1.11	Genteng Beton	Safari CatAir 1xIsi 12 Bh/m2	Bh	9.326,40	Malang Indah
12	X.3.11.1.12	Genteng Beton	Safari CatAir 2x Isi 12 Bh/m2	Bh	7.611,20	Malang Indah
13	X.3.11.1.13	Genteng Beton	Amsterdam/Flat Natural Isi 9 Bh/m2	Bh	10.398,40	Malang Indah
14	X.3.11.1.14	Genteng Beton	Amsterdam/Flat CatAir 1xIsi 9 Bh/m2	Bh	8.576,00	Malang Indah
	X.3.11.1.15	Genteng Beton	Amsterdam/Flat CatAir 2xIsi 9 Bh/m2	Bh	10.612,80	Malang Indah
	X.3.11.1.16	Genteng Beton	Bubungan Bulat Naturallsi 3,5 Bh/m2	Bh	11.363,20	Malang Indah
17	X.3.11.1.17	Genteng Beton	Bubungan Bulat CatAir 1xIsi 3,5 Bh/m2	Bh	9.004,80	Malang Indah*
18	X.3.11.1.18	Genteng Beton	Bubungan Bulat CatAir 2xIsi 3,5 Bh/m2	Bh	9.219,20	Malang Indah
19	X.3.11.1.19	Genteng Beton	Bubungan Piramid Naturallsi 3,5 Bh/m2	Bh	8.361,60	Malang Indah
20	X.3.11.1.20	Genteng Beton	Bubungan Piramid Cat Air 1xIsi 3,5 Bh/m2	Bh	10.505,60	Malang Indah
21	X.3.11.1.21	Genteng Beton	Bubungan Piramid CatAir 2xIsi 3,5 Bh/m2	Bh	9.219,20	Malang Indah
22	X.3.11.1.22	Genteng Beton	Nok Bubungan Bulat Natural	Bh	12.220,80	Malang Indah
23	X.3.11.1.23	Genteng Beton	Nok Bubungan Bulat CatAir 1x	Bh	10.184,00	Malang Indah
	X.3.11.1.24	Genteng Beton	Nok Bubungan Bulat CatAir 2x	Bh	10.720,00	Malang Indah

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
25	X.3.11.1.25	Genteng Beton	Nok Bubungan Piramid Natural	Bh	12.220,80	Malang Indah
26	X.3.11.1.26	Genteng Beton	Nok Bubungan Piramid CatAir 1x	Bh	10.184,00	Malang Indah
27	X.3.11.1.27	Genteng Beton	Nok Bubungan Piramid CatAir 2x	Bh	10.720,00	Malang Indah
28	X.3.11.1.28	Genteng Beton	Kyoto Naturallsi 12 Bh/m2	Bh	9.326,40	Malang Indah
29	X.3.11.1.29	Genteng Beton	Kyoto CatAir 1x Isi 12 Bh/m2	Bh	6.646,40	Malang Indah
30	X.3.11.1.30	Genteng Beton	Kyoto CatAir 2x Isi 12 Bh/m2	Bh	7.718,40	Malang Indah
	X.3.11.2.	Genteng Keramik				
1	X.3.11.2.1	Gent. Krm. Berglazur	KM 1 Standard Isi 14 Bh/M2	Bh	16.480,00	Kanmuri*
2	X.3.11.2.2	Gent. Krm. Berglazur	KM 1 PA (Pemanas Air)	Bh	24.205,00	Kanmuri
3	X.3.11.2.3	Gent. Krm. Berglazur	KM 2 Noklsi 3,9 Bh/M'	Bh	30.797,00	Kanmuri
4	X.3.11.2.4	Gent. Krm. Berglazur	KM 2 PP (Penangkal Petir)	Bh	65.920,00	Kanmuri
5	X.3.11.2.5	Gent. Krm. Berglazur	KM 3(Lisplank Kiri)	Bh	25.338,00	Kanmuri
6	X.3.11.2.6	Gent. Krm. Berglazur	KM 4(Lisplank Kanan)	Bh	25.338,00	Kanmuri
7	X.3.11.2.7	Gent. Krm. Berglazur	KM 6(Ujung Jurai)	Bh	90.022,00	Kanmuri
8	X.3.11.2.8	Gent. Krm. Berglazur	KM 7A(Ujung Nok Kanan)	Bh	90.022,00	Kanmuri
9	X.3.11.2.9	Gent. Krm. Berglazur	KM 7B (Ujung Nok Kiri)	Bh	90.022,00	Kanmuri
10	X.3.11.2.10	Gent. Krm. Berglazur	KM 8A(Nok 3 Arah Kanan)	Bh	114.021,00	Kanmuri
11	X.3.11.2.11	Gent. Krm. Berglazur	KM 8A(Nok 3 Arah Kari)	Bh	114.021,00	Kanmuri
12	X.3.11.2.12	Gent. Krm. Berglazur	KM 9 + 9A (Hiasan Sudut Jurai)	Bh	114.021,00	Kanmuri
13	X.3.11.2.13	Gent. Krm. Berglazur	KM 10 A(Nok 2 Arah)	Bh	114.021,00	Kanmuri
14	X.3.11.2.14	Gent. Krm. Berglazur	KM 10 B (Nok 2 Arah Kanan)	Bh	114.021,00	Kanmuri
15	X.3.11.2.15	Gent. Krm. Berglazur	KM 10 C (Nok 2 Arah Kiri)	Bh	114.021,00	Kanmuri
16	X.3.11.2.16	Gent. Krm. Berglazur	KM 11(Nok 4 Arah Jurai)	Bh	375.538,00	Kanmuri
		3	,			
	X.3.11.3.	Genteng Metal				
1	X.3.11.3.1	Atap Metal	Genteng 2 x 5 (1 m2 = 1,3 lb) Ukuran77 x 100 cm	Lbr	85.800,00	Multi Roof*
2	V 2 11 2 2	Atan Matal	Genteng 1 x 5 (1 m2 = 2,6 lb)	l br	02.400.00	Multi Doof*
2	X.3.11.3.2	Atap Metal	Ukuran38,5 x 100 cm	Lbr	82.400,00	Multi Roof*
3	X.3.11.3.3	Atap Metal	Nok model U Ukuran110 x 5 x 6 cm	Bh	59.556,20	Multi Roof
4	X.3.11.3.4	Atap Metal	Nok Model CUkuranR. 9 - 9,5 cm x 40 cm	Bh	38.841,00	Multi Roof
5	X.3.11.3.5	Atap Metal	Nok sampingUkuran110 x 7 x 6 cm	Bh	59.556,20	Multi Roof
6	X.3.11.3.6	Atap Metal	Wall FlashingUkuran110 x 10 cm	Bh	59.556,20	Multi Roof
7	X.3.11.3.7	Atap Metal	Tutup Nok	Bh	38.841,00	Multi Roof
8	X.3.11.3.8	Atap Metal	Genteng 2 x 5 (1 m2 = 1,3 lb) Ukuran77 x 100 cm	Lbr	181.258,00	Multi Color
9	X.3.11.3.9	Atap Metal	Genteng 1 x 5 (1 m2 = 2,6 lb) Ukuran38,5 x 100 cm	Lbr	82.500,00	Multi Color*
10	X.3.11.3.10	Atap Metal	Nok model U Ukuran 110 x 5 x 6 cm	Bh	51.788,00	Multi Color
11	X.3.11.3.11	Atap Metal	Nok Model C Ukuran R. 9 - 9,5 cm x 40 cm	Bh	32.367,50	Multi Color
12	X.3.11.3.12	Atap Metal	Nok sampingUkuran110 x 7 x 6 cm	Bh	54.377,40	Multi Color
-	X.3.11.3.13	Atap Metal	Wall FlashingUkuran110 x 10 cm	Bh	54.377,40	Multi Color
-	X.3.11.3.14	Atap Metal	Tutup Nok	Bh	50.493,30	Multi Color
15	X.3.11.3.15	Atap Metal	Genteng 4 x 4 Ukuran154 x 80 cm	Lbr	262.824,10	Surya Roof
	X.3.11.3.16	Atap Metal	Genteng 3 x 4 Ukuran115,5 x 80 cm	Lbr	198.089,10	Surya Roof
-	X.3.11.3.17	Atap Metal	Genteng 2 x 4 Ukuran77 x 80 cm	Lbr	133.354,10	Surya Roof
-	X.3.11.3.18	Atap Metal	Genteng 1 x 4 Ukuran38,5 x 80 cm	Lbr	71.500,00	Surya Roof
	X.3.11.3.19	Atap Metal	Nok model U Ukuran110 x 5 x 6 cm	Bh	59.556,20	Surya Roof
L.,	1			5.1	07.000,20	5 a. ja 1 1001

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
20	X.3.11.3.20	Atap Metal	Nok Model CUkuranR. 9 - 9,5 cm x 40 cm	Bh	52.250,00	Surya Roof
21	X.3.11.3.21	Atap Metal	Nok sampingUkuran110 x 7 x 6 cm	Bh	59.556,20	Surya Roof
22	X.3.11.3.22	Atap Metal	Wall FlashingUkuran110 x 10 cm	Bh	59.556,20	Surya Roof
23	X.3.11.3.23	Atap Metal	Tutup Nok	Bh	44.000,00	Surya Roof
24	X.3.11.3.24	Atap Metal	Nok sampingUkuran110 x 7 x 6 cm	Bh	42.725,10	Surya Roof
25	X.3.11.3.25	Atap Metal	Tutup Nok	Bh	33.662,20	Surya Roof
26	X.3.11.3.26	Atap Metal	Genteng 4 x 4 Ukuran154 x 80 cm	Lbr	229.161,90	Surya Color
27	X.3.11.3.27	Atap Metal	Genteng 3 x 4 Ukuran115,5 x 80 cm	Lbr	172.195,10	Surya Color
28	X.3.11.3.28	Atap Metal	Genteng 2 x 4 Ukuran77 x 80 cm	Lbr	116.523,00	Surya Color
29	X.3.11.3.29	Atap Metal	Genteng 1 x 4 Ukuran38,5 x 80 cm	Lbr	59.556,20	Surya Color
30	X.3.11.3.30	Atap Metal	Nok model U Ukuran110 x 5 x 6 cm	Bh	51.788,00	Surya Color
31	X.3.11.3.31	Atap Metal	Nok Model CUkuranR. 9 - 9,5 cm x 40 cm	Bh	29.778,10	Surya Color
32	X.3.11.3.32	Atap Metal	Nok sampingUkuran110 x 7 x 6 cm	Bh	51.788,00	Surya Color
33	X.3.11.3.33	Atap Metal	Wall FlashingUkuran110 x 10 cm	Bh	51.788,00	Surya Color
34	X.3.11.3.34	Atap Metal	Wall FlashingUkuran110 x 10 cm	Bh	42.725,10	Surya Color
35	X.3.11.3.35	Atap Metal	Tutup Nok	Bh	33.662,20	Surya Color
36	X.3.11.3.36	Atap Metal	Genteng 2 x 4(Merpati)Ukuran77 x 80 cm	Lbr	81.840,00	Sakura Roof*
37	X.3.11.3.37	Atap Metal	Genteng 2 x 4(Elang)Ukuran77 x 80 cm	Lbr	104.870,70	Sakura Roof
38	X.3.11.3.38	Atap Metal	Genteng 2 x 4(Garuda)Ukuran77 x 80 cm	Lbr	116.523,00	Sakura Roof
39	X.3.11.3.39	Atap Metal	Genteng 1 x 4(Merpati)Ukuran38,5 x 80 cm	Lbr	33.000,00	Sakura Roof*
40	X.3.11.3.40	Atap Metal	Genteng 1 x 4(Elang)Ukuran38,5 x 80 cm	Lbr	49.500,00	Sakura Roof*
	X.3.11.3.41	Atap Metal	Genteng 1 x 4(Garuda)Ukuran38,5 x 80 cm	Lbr	59.556,20	Sakura Roof
42	X.3.11.3.42	Atap Metal	Nok model U Ukuran110 x 5 x 6 cm	Bh	34.956,90	Sakura Roof*
43	X.3.11.3.43	Atap Metal	Nok Model CUkuranR. 9 - 9,5 cm x 40 cm	Bh	27.188,70	Sakura Roof
	X.3.11.4.	Atap Aluminium				
1	X.3.11.4.1	Atap Aluminium	Klip Lok Tebal0,50mm TCT,Colourbond	Lbr	297.361,00	Lysaght
2	X.3.11.4.2	Atap Aluminium	Klip Lok Tebal0,50mm TCT,Zincalume	Lbr	196.318,00	Lysaght
3	X.3.11.4.3	Atap Aluminium	Spandek Tebal0,45 mm TCT,Colourbond	Lbr	244.007,00	Lysaght
4	X.3.11.4.4	Atap Aluminium	Spandek Tebal0,45 mm TCT,Zincalume	Lbr	156.560,00	Lysaght
5	X.3.11.4.5	Atap Aluminium	Spandek Tebal0,40 mm TCT,Colourbond	Lbr	225.879,00	Lysaght
6	X.3.11.4.6	Atap Aluminium	Spandek Tebal0,40 mm TCT,Zincalume	Lbr	141.831,00	Lysaght
7	X.3.11.4.7	Atap Aluminium	Trimdek Tebal0,45 mm TCT,Colourbond	Lbr	227.012,00	Lysaght
8	X.3.11.4.8	Atap Aluminium	Trimdek Tebal0,45 mm TCT,Zincalume	Lbr	145.230,00	Lysaght
9	X.3.11.4.9	Atap Aluminium	Trimdek Tebal0,40 mm TCT,Colourbond	Lbr	207.648,00	Lysaght
10	X.3.11.4.10	Atap Aluminium	Trimdek Tebal0,40 mm TCT,Zincalume	Lbr	130.501,00	Lysaght

12 X.3.11.4.12 Alap Aluminium T.C., Pedang Lbr 247.406,00	MERK
12 X.3.11.4.12 Alap Aluminium	Kharisma
13 X.3.11.4.13 Alap Aluminium TCT_Bare Lbr 177.057,00 14 X.3.11.4.14 Alap Aluminium Spandck (Indodek) Tebali0.45 mm Lbr 217.948,00 15 X.3.11.4.15 Alap Aluminium Spandck (Indodek) Tebali0.40 mm Lbr 196.318,00 16 X.3.11.4.16 Alap Aluminium Spandck (Indodek) Tebali0.35 mm Lbr 181.589,00 17 X.3.11.4.17 Alap Aluminium Spandck (Indodek) Tebali0.35 mm Lbr 124.836,00 18 X.3.11.4.18 Alap Aluminium Timdek (Indodek) Tebali0.35 mm Lbr 124.836,00 19 X.3.11.4.19 Alap Aluminium Timdek (Indodek) Tebali0.45 mm Lbr 204.249,00 19 X.3.11.4.19 Alap Aluminium Timdek (Indodek) Tebali0.45 mm Lbr 181.589,00 10 X.3.11.4.20 Alap Aluminium Timdek (Indodek) Tebali0.35 mm Lbr 159.959,00 11 X.3.11.4.21 Alap Aluminium Timdek (Indodek) Tebali0.35 mm Lbr 159.959,00 12 X.3.11.4.22 Alap Aluminium Timdek (Indodek) Tebali0.35 mm Lbr 116.905,00 13 X.3.11.4.23 Alap Aluminium Timdek (Indodek) Tebali0.35 mm Lbr 116.905,00 14 X.3.11.4.24 Alap Aluminium Timdek (Indodek) Tebali0.35 mm Lbr 116.905,00 15 X.3.11.4.25 Alap Aluminium Kilip Lok (Bima) Tebali0.50 mm Lbr 178.190,00 16 X.3.11.4.26 Alap Aluminium Kilip Lok (Bima) Tebali0.45 mm Lbr 161.092,00 17 X.3.11.4.27 Alap Aluminium Kilip Lok (Bima) Tebali0.45 mm Lbr 161.092,00 18 X.3.11.4.28 Alap Aluminium Spandek (Satria) Tebali0.45 mm Lbr 167.993,00 19 X.3.11.4.29 Alap Aluminium Spandek (Satria) Tebali0.45 mm Lbr 167.993,00 10 X.3.11.4.30 Alap Aluminium Spandek (Satria) Tebali0.45 mm Lbr 167.993,00 17 X.3.11.4.31 Alap Aluminium Timdek (Ajuna) Tebali0.45 mm Lbr 153.161,00 17 X.3.11.4.33 Alap Aluminium Timdek (Ajuna) Tebali0.45 mm Lbr 153.161,00 17 X.3.11.4.34 Alap Aluminium Timdek (Ajuna) Tebali0.45 mm Lbr 153.033,00 18 X.3.11.4.35 Alap Aluminium Timdek (Ajuna) Tebali0.35 mm Lbr 155.427,00	Kharisma
14 X.3.11.4.14 Alap Aluminium TCT, Pelangi Lor 217.948,00 15 X.3.11.4.15 Atap Aluminium Spandek (Indodek) Tebal0.40 mm Lbr 196.318,00 17 X.3.11.4.16 Alap Aluminium Spandek (Indodek) Tebal0.35 mm Lbr 181.589,00 18 X.3.11.4.17 Atap Aluminium Spandek (Indodek) Tebal0.35 mm Lbr 124.836,00 18 X.3.11.4.18 Atap Aluminium Trimbek (Nusadek) Tebal0.45 mm Lbr 204.249,00 19 X.3.11.4.19 Alap Aluminium Trimbek (Nusadek) Tebal0.45 mm Lbr 181.589,00 10 X.3.11.4.20 Atap Aluminium Trimbek (Nusadek) Tebal0.35 mm Lbr 159.959,00 11 X.3.11.4.21 Atap Aluminium Trimbek (Nusadek) Tebal0.35 mm Lbr 159.959,00 12 X.3.11.4.22 Atap Aluminium Trimbek (Nusadek) Tebal0.35 mm Lbr 116.905,00 13 X.3.11.4.23 Atap Aluminium Trimbek (Nusadek) Tebal0.35 mm Lbr 116.905,00 14 X.3.11.4.24 Atap Aluminium Trimbek (Nusadek) Tebal0.50 mm Lbr 232.677,00 15 X.3.11.4.25 Atap Aluminium Trimbek (Rima) Tebal0.50 mm Lbr 178.190,00 16 X.3.11.4.26 Atap Aluminium Kilp Lok (Bima) Tebal0.45 mm Lbr 161.092,00 17 X.3.11.4.27 Atap Aluminium Kilp Lok (Bima) Tebal0.45 mm Lbr 161.092,00 18 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 161.092,00 18 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 167.993,00 19 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 167.993,00 10 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 167.993,00 10 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 177.700 17 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 153.161,00 18 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0.45 mm Lbr 153.161,00 19 X.3.11.4.32 Atap Aluminium Trimbek (Ajuna) Tebal0.45 mm Lbr 153.033,00 10 X.3.11.4.34 Atap Aluminium Trimbek (Ajuna) Tebal0.45 mm Lbr 155.427,00 17 X.3.11.4	Kharisma
15 X.3.11.4.15 Alap Aluminium TCT, Pelangi Lbr 19.3.18,00 17 X.3.11.4.16 Atap Aluminium Spandek (Indodek) Tebal0,35 mm Lbr 124.836,00 18 X.3.11.4.17 Alap Aluminium Spandek (Indodek) Tebal0,35 mm Lbr 124.836,00 19 X.3.11.4.18 Atap Aluminium Trimdek (Nusadek) Tebal0,45 mm Lbr 204.249,00 19 X.3.11.4.19 Alap Aluminium Trimdek (Nusadek) Tebal0,40 mm Lbr 181.589,00 10 X.3.11.4.20 Atap Aluminium Trimdek (Nusadek) Tebal0,35 mm Lbr 159.959,00 11 X.3.11.4.21 Atap Aluminium Trimdek (Nusadek) Tebal0,35 mm Lbr 159.959,00 12 X.3.11.4.22 Atap Aluminium Trimdek (Nusadek) Tebal0,35 mm Lbr 116.905,00 13 X.3.11.4.23 Atap Aluminium Trimdek (Nusadek) Tebal0,50 mm Lbr 178.190,00 14 X.3.11.4.24 Atap Aluminium Kilp Lok (Bima) Tebal0,50 mm Lbr 178.190,00 15 X.3.11.4.25 Atap Aluminium Kilp Lok (Bima) Tebal0,45 mm Lbr 161.092,00 16 X.3.11.4.26 Atap Aluminium Trimdek (Rima) Tebal0,45 mm Lbr 161.092,00 17 X.3.11.4.27 Atap Aluminium Trimdek (Ratria) Tebal0,45 mm Lbr 161.092,00 18 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 161.092,00 19 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 167.993,00 10 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 167.993,00 10 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 167.993,00 10 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 167.993,00 11 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 167.993,00 12 X.3.11.4.32 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 153.161,00 13 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm Lbr 153.033,00 15 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm Lbr 153.033,00 16 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm Lbr 155.427,00 17 X.	Kharisma
10 X.3.11.4.16 Atap Aluminium TCT, Pelangi Lor 181.599.00 17 X.3.11.4.17 Atap Aluminium Spandek (Indodek) Tebalo,35 mm Lbr 124.836.00 18 X.3.11.4.18 Atap Aluminium Timdek (Nusadek) Tebalo,45 mm Lbr 204.249.00 19 X.3.11.4.19 Atap Aluminium Timdek (Nusadek) Tebalo,40 mm Lbr 181.589,00 20 X.3.11.4.20 Atap Aluminium Timdek (Nusadek) Tebalo,35 mm Lbr 159.959,00 21 X.3.11.4.21 Atap Aluminium Timdek (Nusadek) Tebalo,35 mm Lbr 159.959,00 22 X.3.11.4.22 Atap Aluminium Timdek (Nusadek) Tebalo,35 mm Lbr 116.905.00 23 X.3.11.4.23 Atap Aluminium TCT, Zincalume Lbr 116.905.00 24 X.3.11.4.23 Atap Aluminium Klip Lok (Bima) Tebalo,50 mm Lbr 178.190.00 25 X.3.11.4.24 Atap Aluminium Klip Lok (Bima) Tebalo,45 mm Lbr 178.190.00 26 X.3.11.4.25 Atap Aluminium Klip Lok (Bima) Tebalo,45 mm Lbr 161.092,00 27 X.3.11.4.26 Atap Aluminium Xlip Lok (Bima) Tebalo,45 mm Lbr 161.092,00 28 X.3.11.4.26 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 188.387,00 29 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 144.097,00 28 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 167.993,00 20 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 167.993,00 20 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 167.993,00 30 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 153.161,00 31 X.3.11.4.33 Atap Aluminium Spandek (Satria) Tebalo,45 mm Lbr 153.161,00 32 X.3.11.4.33 Atap Aluminium Timdek (Arjuna) Tebalo,45 mm Lbr 172.525,00 33 X.3.11.4.34 Atap Aluminium Timdek (Arjuna) Tebalo,45 mm Lbr 172.525,00 34 X.3.11.4.35 Atap Aluminium Timdek (Arjuna) Tebalo,45 mm Lbr 172.525,00 35 X.3.11.4.36 Atap Aluminium	Kharisma
17 X.3.11.4.17 Alap Aluminium TCT_Zincalume	Kharisma
18 X.3.11.4.18 Alap Aluminium T.CT.Pelangi Lbr 204.249,00 19 X.3.11.4.19 Atap Aluminium Trimidek (Nusadek) Tebal0,40 mm Lbr 181.589,00 20 X.3.11.4.20 Atap Aluminium Trimidek (Nusadek) Tebal0,35 mm Lbr 159.959,00 21 X.3.11.4.21 Atap Aluminium Trimidek (Nusadek) Tebal0,35 mm Lbr 116.905,00 22 X.3.11.4.22 Atap Aluminium T.CT.Gemilang Lbr 232.677,00 23 X.3.11.4.23 Atap Aluminium T.CT.Gemilang Lbr 232.677,00 24 X.3.11.4.24 Atap Aluminium T.CT.Gemilang Lbr 178.190,00 25 X.3.11.4.25 Atap Aluminium Klip Lok (Bima) Tebal0,45 mm Lbr 161.092,00 26 X.3.11.4.26 Atap Aluminium T.CT.Gemilang Lbr 188.387,00 27 X.3.11.4.27 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 188.387,00 28 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 144.097,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 153.161,00 32 X.3.11.4.33 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 33 X.3.11.4.34 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 34 X.3.11.4.35 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 35 X.3.11.4.36 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 36 X.3.11.4.36 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 37 X.3.11.4.36 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 38 X.3.11.4.36 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm Lbr 172.525,00 39 X.3.11.4.36 Atap Aluminium Trimidek (Arjuna) Tebal0,45 mm	Kharisma
19 X.3.11.4.20 Atap Aluminium TCT.Pelangi Lbr 159.959,00	Kharisma
20 X.3.11.4.20 Atap Aluminium TCT,Pelangi Lbr 116.905,00	Kharisma
21 X.3.11.4.21 Alap Aluminium TCT,Zincalume Lor 116.905,00	Kharisma
22 X.3.11.4.22 Alap Aluminium	Kharisma
23 X.3.11.4.23 Atap Aluminium TCT,Abadi Lor 178.190,00 24 X.3.11.4.24 Atap Aluminium Klip Lok (Bima) Tebal0,45 mm TCT,Gemilang Lbr 213.313,00 25 X.3.11.4.25 Atap Aluminium Klip Lok (Bima) Tebal0,45 mm TCT,Abadi Lbr 161.092,00 26 X.3.11.4.26 Atap Aluminium Spandek (Satria) Tebal0,45 mm TCT,Abadi Lbr 144.097,00 27 X.3.11.4.27 Atap Aluminium Spandek (Satria) Tebal0,45 mm TCT,Abadi Lbr 144.097,00 28 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Abadi Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Abadi Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Abadi Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 172.525,00 32 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 155	Persada
24 X.3.11.4.24 Adap Aluminium TCT,Gemilang Lbr 213.313,00 25 X.3.11.4.25 Atap Aluminium Klip Lok (Bima) Tebal0,45 mm Lbr 161.092,00 26 X.3.11.4.26 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 188.387,00 27 X.3.11.4.27 Atap Aluminium Spandek (Satria) Tebal0,45 mm Lbr 144.097,00 28 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,40 mm Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,35 mm Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium	Persada
25 X.3.11.4.25 Atap Aluminium TCT,Abadi Lbr 161.092,00 26 X.3.11.4.26 Atap Aluminium Spandek (Satria) Tebal0,45 mm TCT,Gemilang Lbr 188.387,00 27 X.3.11.4.27 Atap Aluminium Spandek (Satria) Tebal0,45 mm TCT,Abadi Lbr 144.097,00 28 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Gemilang Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Abadi Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Gemilang Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Abadi Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 155.427,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 120.304,00 </td <td>Persada</td>	Persada
26 X.3.11.4.26 Atap Aluminium TCT,Gemilang Lbr 188.387,00 27 X.3.11.4.27 Atap Aluminium Spandek (Satria) Tebal0,45 mm TCT,Abadi Lbr 144.097,00 28 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Gemilang Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Abadi Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Gemilang Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Abadi Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr <t< td=""><td>Persada</td></t<>	Persada
27 X.3.11.4.27 Atap Aluminium TCT,Abadi Lbr 144.097,00 28 X.3.11.4.28 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Gemilang Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Abadi Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Gemilang Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Abadi Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Gemilang Lbr 141.831,00	Persada
28 X.3.11.4.28 Atap Aluminium TCT,Gemilang Lbr 167.993,00 29 X.3.11.4.29 Atap Aluminium Spandek (Satria) Tebal0,40 mm TCT,Abadi Lbr 129.368,00 30 X.3.11.4.30 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Gemilang Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Abadi Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Gemilang Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr 105.472,00	Persada
X.3.11.4.29 Atap Aluminium TCT,Abadi Lbr 129.308,00 30	Persada
30 X.3.11.4.30 Atap Aluminium TCT,Gemilang Lbr 153.161,00 31 X.3.11.4.31 Atap Aluminium Spandek (Satria) Tebal0,35 mm TCT,Abadi Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Gemilang Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr 105.472,00	Persada
31 X.3.11.4.31 Atap Aluminium TCT,Abadi Lbr 115.772,00 32 X.3.11.4.32 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Gemilang Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr 105.472,00	Persada
32 X.3.11.4.32 Atap Aluminium TCT,Gemilang Lbr 172.525,00 33 X.3.11.4.33 Atap Aluminium Trimdek (Arjuna) Tebal0,45 mm TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Gemilang Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr 105.472,00	Persada
33 X.3.11.4.33 Atap Aluminium TCT,Abadi Lbr 135.033,00 34 X.3.11.4.34 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Gemilang Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm TCT,Abadi Lbr 105.472,00	Persada
34 X.3.11.4.34 Atap Aluminium TCT,Gemilang Lbr 155.427,00 35 X.3.11.4.35 Atap Aluminium Trimdek (Arjuna) Tebal0,40 mm Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm Lbr 105.472,00	Persada
35 X.3.11.4.35 Atap Aluminium TCT,Abadi Lbr 120.304,00 36 X.3.11.4.36 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm Lbr 141.831,00 37 X.3.11.4.37 Atap Aluminium Trimdek (Arjuna) Tebal0,35 mm Lbr 105.472,00 TCT,Abadi TCT,Abadi TCT,Abadi Lbr 105.472,00 TCT,Abadi TCT,Abad	Persada
36 X.3.11.4.36 Atap Aluminium TCT,Gemilang Lbr 141.831,00	Persada
37 X.3.11.4.37 Atap Aluminium TCT,Abadi Lbr 105.472,00	Persada
38 X.3.11.4.38 Atap Aluminium Spandek Tebal0,30 mm M ² 77.000,00	Persada
	Kencana*
39 X.3.11.4.39 Atap Aluminium Nok Spandek 100 cm Bh 68.200,00	Kencana*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.11.5.	Atap Seng				
1	X.3.11.5.1	Seng Aluminium	lebar 45 cm	M'	24.599,30	
2	X.3.11.5.2	Karpet	lebar 45 cm	M'	9.710,25	
	X.3.11.5.3	Seng Aluminium	0,37 x 60 cm	Lbr	46.609,20	
4	X.3.11.5.4	Seng Gelombang	Besar BJLS 30	Lbr	129.470,00	
5	X.3.11.5.5	Seng Gelombang	Besar BJLS 20	Lbr	116.523,00	
6	X.3.11.5.6	Seng Gelombang	BJLS 20 KI	Lbr	48.551,25	
7	X.3.11.5.7	Seng Gelombang	BJLS 25 KI	Lbr	103.576,00	
8	X.3.11.5.8	Seng Gelombang	BJLS 30	Lbr	77.682,00	
9	X.3.11.5.9	Seng Gelombang	BJLS 25	Lbr	71.208,50	*
	X.3.11.5.10	Seng Gelombang	BJLS 20	Lbr	64.735,00	
11	X.3.11.5.11	Seng Gelombang	BJLS 18	Lbr	58.261,50	
12	X.3.11.5.12	Seng Plat	BJLS 20 KI	Lbr	69.913,80	
13	X.3.11.5.13	Seng Plat	BJLS 25 KI	Lbr	99.910,40	*
14	X.3.11.5.14	Seng Plat	BJLS 30	Lbr	74.932,80	
15	X.3.11.5.15	Seng Plat	BJLS 25	Lbr	67.107,20	
16	X.3.11.5.16	Seng Plat	BJLS 20	Lbr	49.848,00	*
17	X.3.11.5.17	Seng Plat	BJLS 18	Lbr	42.022,40	
18	X.3.11.5.18	Seng Plat	BJLS 18 40 cm	M¹	15.008,00	
	X.3.11.6.	Bahan Insulation				
	X.3.11.6.1	Aluminium Foil	SS 8101,25 x 60 m	Roll	351.848,00	Polyfoil*
2	X.3.11.6.2	Aluminium Foil	DS 8201,25 x 60 m	Roll	454.024,00	Polyfoil
3	X.3.11.6.3	Glasswoll	D. 16 Kg/M3 Tebal 25 mm x 1,2 m x 30 m	Roll	271.302,00	
4	X.3.11.6.4	Glasswoll	D. 16 Kg/M3Tebal 50 mm x 1,2 m x 15 m	Roll	271.302,00	
5	X.3.11.6.5	Glasswoll	D. 24 Kg/M3 Tebal 25 mm x 1,2 m x 30 m	Roll	391.606,00	
6	X.3.11.6.6	Glasswoll	D. 24 Kg/M3Tebal 50 mm x 1,2 m x 15 m	Roll	391.606,00	
7	X.3.11.6.7	Glasswoll	D. 32 Kg/M3 Tebal 25 mm x 1,2 m x 30 m	Roll	550.535,00	
8	X.3.11.6.8	Glasswoll	D. 32 Kg/M3 Tebal 50 mm x 1,2 m x 15 m	Roll	550.535,00	
9	X.3.11.6.9	Roofmesh	3315 : 1.8 x 30 m	Roll	312.090,00	
10	X.3.11.6.10	Aluminium Tape		Roll	27.192,00	Talenta
11	X.3.11.6.11	Metalizing Tape		Roll	8.446,00	Samson
12	X.3.11.6.12	Rockwoll Slab	D. 40 Kg/M3Tebal 25 mm x 0,6 m x 1,2 m	Roll	13.596,00	
13	X.3.11.6.13	Rockwoll Slab	D. 40 Kg/M3Tebal 50 mm x 0,6 m x 1,2 m	Roll	26.059,00	
14	X.3.11.6.14	Rockwoll Slab	D. 60 Kg/M3Tebal 25 mm x 0,6 m x 1,2 m	Roll	18.128,00	
15	X.3.11.6.15	Rockwoll Slab	D. 60 Kg/M3Tebal 50 mm x 0,6 m x 1,2 m	Roll	37.389,00	
16	X.3.11.6.16	Rockwoll Slab	D. 80 Kg/M3Tebal 25 mm x 0,6 m x 1,2 m	Roll	25.441,00	
17	X.3.11.6.17	Rockwoll Slab	D. 80 Kg/M3Tebal 50 mm x 0,6 m x 1,2 m	Roll	49.852,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
18	X.3.11.6.18	Rockwoll Slab	D. 100 Kg/M3Tebal 25 mm x 0,6 m x 1,2 m	Roll	32.857,00	
19	X.3.11.6.19	Rockwoll Slab	D. 100 Kg/M3Tebal 50 mm x 0,6 m x 1,2 m	Roll	62.933,00	
20	X.3.11.6.20	Rockwoll Blanket	D. 40 Kg/M3Tebal 25 mm x 0,6 m x 5 m	Roll	53.251,00	
21	X.3.11.6.21	Rockwoll Blanket	D. 40 Kg/M3Tebal 50 mm x 0,6 m x 5 m	Roll	106.605,00	
22	X.3.11.6.22	Rockwoll Blanket	D. 60 Kg/M3Tebal 25 mm x 0,6 m x 5 m	Roll	75.396,00	
23	X.3.11.6.23	Rockwoll Blanket	D. 60 Kg/M3Tebal 50 mm x 0,6 m x 5 m	Roll	165.727,00	
24	X.3.11.6.24	Rockwoll Blanket	D. 80 Kg/M3Tebal 25 mm x 0,6 m x 5 m	Roll	99.807,00	
25	X.3.11.6.25	Rockwoll Blanket	D. 80 Kg/M3Tebal 50 mm x 0,6 m x 5 m	Roll	202.601,00	
26	X.3.11.6.26	Rockwoll Blanket	D. 100 Kg/M3Tebal 25 mm x 0,6 m x 5 m	Roll	125.969,00	
27	X.3.11.6.27	Rockwoll Blanket	D. 100 Kg/M3Tebal 50 mm x 0,6 m x 5 m	Roll	259.354,00	
28	X.3.11.6.28	Aluminium Foil	Lebar 1,25 m Panjang 60 m (Single Side)	Lbr	329.188,00	AB Foil
29	X.3.11.6.29	Aluminium Foil	Lebar 1,25 m Panjang 60 m (Double Side)	Lbr	582.259,00	AB Foil
	X.3.12.	Penggantung & Pengunci				
1	X.3.12.1	Engsel (Nylon)	5"	Bh	37.835,00	Nicholex
2	X.3.12.2	Engsel (Nylon)	4"	Bh	34.385,00	Nicholex
	X.3.12.3	Engsel (Nylon)	3"	Bh	17.710,00	Nicholex
4	X.3.12.4	Engsel	Kipas	Bh	62.933,00	
5	X.3.12.5	Grendel		Bh	20.125,00	
6	X.3.12.6	Grendel	Tanam	Bh	106.502,00	
7	X.3.12.7	Hak Angin	20 cm	Bh	23.000,00	
8	X.3.12.8	Handle	4 "	Bh	18.285,00	
	X.3.12.9	Kunci Pintu	Besar 693 LD	Set	247.250,00	Mortise
10	X.3.12.10	Kunci Pintu	Kecil	Set	211.768,00	Top Union
	X.3.12.11	Kunci Tanam	2 x Slaag	Bh	167.900,00	-
	X.3.12.12	Kunci Tanam	Pintu Sorong	Bh	371.109,00	
13	X.3.12.13	Kunci Alpha 8000	8000	Set	264.401,00	Alpha
14	X.3.12.14	Kunci Pintu	Besar	Set	185.150,00	Yale
15	X.3.12.15	Kunci Pintu		Set	1.376.595,00	Fadex
16	X.3.12.16	WC Cylinder	Finishing US3	Bh	82.800,00	Kend
17	X.3.12.17	WC Cylinder	Finishing US14	Bh	168.199,00	Kend
18	X.3.12.18	Mortice Lock		Bh	4.276.148,00	Cisa
19	X.3.12.19	D Cylinder	Finishing BRS	Bh	207.236,00	Kend
20	X.3.12.20	D Cylinder	Finishing BRS	Bh	443.209,00	Cisa
21	X.3.12.21	Pull Handle	Finishing US32D (P.75.64)	Psg	6.873.499,00	Kend
22	X.3.12.22	Pull Handle	Finishing US32(P.75.64)	Psg	7.515.292,00	Kend
23	X.3.12.23	Pull Handle	Finishing GPD(PR.88.21)	Psg	1.445.811,00	Kend
	X.3.12.24	Lever Handle	HP.88.01	Psg	368.019,00	Kend
	X.3.12.25	Lever Handle	HRE.65.03	Psg	688.246,00	Kend

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
26	X.3.12.26	Lever Handle	HRE.75.01	Psg	465.766,00	Kend
27	X.3.12.27	Glass Handle	GHD0001 D25x200MM	Psg	1.354.700,00	Kend
28	X.3.12.28	Glass Handle	GHD0001 D32x300MM	Psg	1.776.338,00	Kend
29	X.3.12.29	Door Closer RA	71410 - 03	Bh	2.138.692,00	Cisa
30	X.3.12.30	Door Closer RA	85510 - 02	Bh	241.500,00	Kend
31	X.3.12.31	Floor Hinge	60221	Bh	3.877.847,00	Cisa
32	X.3.12.32	Floor Hinge	09584 Komplit	Bh	2.610.638,00	Kend
33	X.3.12.33	Engsel St. Steel	SEL0007 4x3x2 US32D	Psg	219.287,00	Kend
34	X.3.12.34	Engsel Brass	SEL00012 4x3x3.3 US3	Psg	381.615,00	Kend
35	X.3.12.35	Engsel Pintu Besi	497US P	Psg	416.120,00	Kend
36	X.3.12.36	Casement Stay	CMT75-030"US32D	Psg	464.221,00	Kend
37	X.3.12.37	Casement Stay	CMT45-008"US32D	Psg	115.566,00	Kend
38	X.3.12.38	Grendel Tanam	306 6"BRS	Bh	276.349,00	Kend
39	X.3.12.39	Grendel Tanam	306 12"BRS	Bh	410.146,00	Kend
40	X.3.12.40	Grendel	440 3"US 3	Bh	121.540,00	Kend
41	X.3.12.41	Grendel	440 4"US 3	Bh	141.110,00	Kend
42	X.3.12.42	Grendel WC	SKT 741 (Indicator)US 32D	Bh	192.198,00	Kend
43	X.3.12.43	Security Bolt	5071 + KeyBRS	Bh	127.617,00	Kend
	X.3.12.44	Door Viewer	36 - 60 mmUS 3	Bh	138.123,00	Kend
	X.3.12.45	Door Selector	RC 75-002US 32D	Bh	202.704,00	Kend
	X.3.12.46	Ramskar	321US 3	Bh	195.185,00	Kend
	X.3.12.47	Rambuncis	330US 3	Bh	561.968,00	Kend
	X.3.12.48	Spring Knip	75 - 378US 3	Bh	254.840,00	Kend*
	X.3.12.49	Door Stop	75 - 011US 3	Bh	29.095,00	Kend
	X.3.12.50	Door Stop	75 - 011US 15	Bh	223.819,00	Kend
	X.3.12.51	Door Stop	75 - 012US 4	Bh	240.299,00	Kend
	X.3.12.52	Handle Pintu	73 01203 4	Psng	241.500,00	SES
	X.3.12.53	Cylinder		Bh	187.000,00	SES*
	X.3.12.54	Engsel Stainlees Stell	5"	Bh	93.500,00	SES
	X.3.12.54 X.3.12.55	Engsel Stainlees Stell	4"	Bh	66.000,00	SES
	X.3.12.56	Engsel Stainlees Stell	3"	Bh	44.000,00	SES*
	X.3.12.50 X.3.12.57	Engsel Stainlees Stell	5"	Bh	69.680,00	Dekkson
	X.3.12.57 X.3.12.58	Engsel Stainlees Stell	4"	Bh	53.600,00	Dekkson*
	X.3.12.56 X.3.12.59	Engsel Stainlees Stell	3"	Bh	21.440,00	Dekkson*
	X.3.12.59 X.3.12.60	Door Closer	5	Bh	294.800,00	Dekkson
	X.3.12.60 X.3.12.61			Bh Bh	91.120,00	Dekkson
	X.3.12.61 X.3.12.62	Door Stop	4"	Bh Bh		Belleza
		Engsel (Nylon)			36.190,00	
	X.3.12.63	Grendel	Tanam	Bh	87.890,00	Belleza*
	X.3.12.64	Hak Angin	20 cm	Bh	16.940,00	Belleza*
	X.3.12.65	Handle	2 v Class	Bh	150.150,00	Belleza*
66	X.3.12.66	Kunci Tanam	2 x Slaag YEH-01APull Handle Dia 32mm x	Bh	50.160,00	Belleza*
67	X.3.12.67	Handle Pintu Kupu Kupu	450mm Satin Stainless Steel	Set	1.401.140,00	Yale
68	X.3.12.68	Kunci Pintu WC	10-0513-3030-CK-22-01 60mm BKSatin NikelPrivacy Cylinder (One	Bh	165.825,00	Yale*
	X.3.12.69	Engsel 4 "	Y2BB-0102 Bola Bering 102 x 76 x 2.5 mm	Psng	136.895,00	Yale
70	X.3.12.70	Door Closer	Yale DCR 504 Silver	Bh	431.200,00	Yale
71	X.3.12.71	Engsel Lantai	DC-9500-EN3-RS Satin Stainless Steel	Psng	320.870,00	Yale

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
72	X.3.12.72	Kunci Pintu Kamar Mandi	VCA 5122 US 32DCylinder Knobset	Bh	187.000,00	Yale*
73	X.3.12.73	Door Viewer	V 0401A180 * Viewing Angle Glass Lens	Bh	108.900,00	Yale
74	X.3.12.74	Door Guard	V 18 L US 15 Satin Stainless Steel	Bh	92.400,00	Yale
75	X.3.12.75	Door Stop	YDS 010Dia 44mm x Height 27mm Satin Stainless Steel	Bh	91.850,00	Yale
76	X.3.12.76	Door Stop	YDS 02035mm x Height 40mm Satin Stainless Steel	Bh	154.550,00	Yale
77	X.3.12.77	Door Stop	YDS 030Dia 44mm x Height 27mm Satin Stainless Steel	Bh	49.500,00	Yale
78	X.3.12.78	Door Stop	YDS 040Dia19mm x Height 63mm Satin Stainless Steel	Bh	91.850,00	Yale
79	X.3.12.79	Door Stop	YDS 050Kotak 16mm x 16mm x 66mm Satin Stainless Steel	Bh	99.000,00	Yale
80	X.3.12.80	Door Stop	YDS 060Dia 51mm x Height 80.5mm Satin Stainless Steel	Bh	121.000,00	Yale
81	X.3.12.81	Engsel Pintu Kaca	P010 PSSBottom Door Patch Pull Stainless Steel	Bh	487.300,00	Yale
82	X.3.12.82	Engsel Pintu Kaca	P020 PSSTop Door Patch Pull Stainless Steel	Bh	448.250,00	Yale
83	X.3.12.83	Engsel Pintu Kaca	Y2111dinding Ke Kaca Sudut 90*	Bh	1.193.400,00	Yale
84	X.3.12.84	Engsel Pintu Kaca	Y2123Kaca ke Kaca Sudut 180*	Bh	1.189.188,00	Yale
85	X.3.12.85	Handle Pintu Kaca	YPH-030200mm x 19mm	Bh	239.580,00	Yale
86	X.3.12.86	Kunci Pintu Digital	YDR 4110 FingerPrint Max 20 Pin Code Max 12 Digit	Pcs	6.136.000,00	Yale
87	X.3.12.87	Kunci Pintu Digital	YDR 323Proximity Card Max 20 Card Alumunium	Pcs	5.460.000,00	Yale
88	X.3.12.88	Smoke Detector	E-SD 2	Bh	253.550,00	Yale
89	X.3.12.89	Engsel Lantai / Floor Hinges	FH DKS 84Max Lebar Pintu 1100 mm	Set	1.785.000,00	Dekkson*
90	X.3.12.90	Engsel Lantai / Floor Hinges	FH 75Max Lebar Pintu 1200 mm	Set	3.284.400,00	Dekkson*
91	X.3.12.91	Engsel Lantai / Floor Hinges	FH 211 Max Lebar Pintu 800 mm	Set	1.058.250,00	Dekkson*
92	X.3.12.92	Spider Fiting Kaca	SF 8211160 MM SSS 1 Kaki	Bh	415.650,00	Dekkson
93	X.3.12.93	Spider Fiting Kaca	SF 8212 160 MM SSS 2 Kaki	Bh	497.250,00	Dekkson
94	X.3.12.94	Spider Fiting Kaca	SF 8213 160 MM SSS 3 Kaki	Bh	637.500,00	Dekkson
95	X.3.12.95	Spider Fiting Kaca	SF 8214 160 MM SSS 4 Kaki	Bh	943.500,00	Dekkson
96	X.3.12.96	Spider Fiting Kaca	SF 8111 220 MM SSS 1 Kaki	Bh	612.000,00	Dekkson
97	X.3.12.97	Spider Fiting Kaca	SF 8111A 220 MM SSS 1 Kaki	Bh	612.000,00	Dekkson
98	X.3.12.98	Spider Fiting Kaca	SF 8112 220 MM SSS 2 Kaki	Bh	752.250,00	Dekkson
99	X.3.12.99	Spider Fiting Kaca	SF 8112A 220 MM SSS 2 Kaki	Bh	752.250,00	Dekkson
100	X.3.12.100	Spider Fiting Kaca	SF 8113220 MM SSS 3 Kaki	Bh	943.500,00	Dekkson
101	X.3.12.101	Spider Fiting Kaca	SF 8114220 MM SSS 4 Kaki	Bh	1.109.250,00	Dekkson
102	X.3.12.102	Baut Spider Fiting	SF 8241 160 MM (ROUTEL) SSS	Bh	261.630,00	Dekkson
103	X.3.12.103	Baut Spider Fiting	SF 8245 160 MM (BASE) SSS	Bh	204.000,00	Dekkson
104	X.3.12.104	Baut Spider Fiting	SF 8141 220 MM (ROUTEL) SSS	Bh	331.500,00	Dekkson
105	X.3.12.105	Baut Spider Fiting	SF 8145 220 MM (BASE) SSS	Bh	280.500,00	Dekkson
106	X.3.12.106	Pintu Geser	L4 SGD ACC L4 8111A Set Max. 80 KgPanjang Track 2000 / 3000 mm	Set	2.152.200,00	Dekkson
107	X.3.12.107	Pintu Geser	S6 SGD ACC 8922-63 Complete Set Max. 120 KgPanjang Track 2000 / 3000 mm	Set	3.570.000,00	Dekkson
108	X.3.12.108	Pintu Geser	L6 SGD ACC 8922-57 Complete Set Max. 150 KgPanjang Track 2000 / 3000 mm	Set	3.289.500,00	Dekkson*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
109	X.3.12.109	Kunci Pintu Geser	SGL8600 SUS 304 (GW) SSS	Set	1.785.000,00	Dekkson
110	X.3.12.110	Kunci Pintu Geser	SGL8601 SUS 304 (GW) SSS	Set	2.244.000,00	Dekkson
111	X.3.12.111	Kunci Pintu Kaca	GDL 8010D SSS	Set	1.759.500,00	Dekkson
112	X.3.12.112	Kunci Pintu Kaca	GDL 8010 GW SSS	Set	1.759.500,00	Dekkson*
113	X.3.12.113	Kunci Pintu Kaca	GDL 8011 GG SSS	Set	2.205.750,00	Dekkson
114	X.3.12.114	Handle Pintu Full	PH D183 32 x 400 x 600 SSS+PSS	Psg	765.000,00	Dekkson
115	X.3.12.115	Handle Pintu Full	PH 814 SQ 19 x 150 x 450	Psg	535.500,00	Dekkson
116	X.3.12.116	Handle Pintu Full	PH D1831 25 x 500 PSS + SSS	Psg	765.000,00	Dekkson
117	X.3.12.117	Glass Suction	GSC 3S	Bh	650.250,00	Dekkson
118	X.3.12.118	Engsel Besi	3" ES IR 0101500221 Material Besi	Bh	24.990,00	Dekkson
119	X.3.12.119	Engsel Besi	4 " ES IR 0101501341 Material Besi	Bh	39.270,00	Dekkson
120	X.3.12.120	Engsel Besi	5" ES IR 0101502241 Material Besi	Bh	46.410,00	Dekkson
	X.3.12.121	Engsel Stainlees Stell	3" ESS DL 0101120101 Material STAINLESS STEEL SUS 304	Bh	46.665,00	Dekkson*
122	X.3.12.122	Engsel Stainlees Stell	4" ESS DL 0101120102 Material STAINLESS STEEL SUS 304	Bh	64.770,00	Dekkson*
123	X.3.12.123	Engsel Stainlees Stell	5" ESS DL 0101123341 Material STAINLESS STEEL SUS 304	Bh	111.690,00	Dekkson*
	X.3.12.124	Engsel Khusus Aluminium	4" ES AL 2005 Material Aluminium (Putih, Silver, Coklat)	Bh	45.390,00	Dekkson*
125	X.3.12.125	Engsel Furniture	ES SL 5" Material Besi	Bh	24.225,00	Dekkson*
126	X.3.12.126	Engsel Furniture	ES SL 9" Material Besi	Bh	36.720,00	Dekkson
127	X.3.12.127	Engsel Furniture	ES SD B Series Material Besi Lemari Interior	Bh	47.430,00	Dekkson
	X.3.12.128	Kunci Pintu Kayu Complete	MTS II DL 84030 + CYL DC KK DL 60 MM + LHTR 0016 19 MM	Set	715.530,00	Dekkson*
129	X.3.12.129	Handle Pintu Pull	SPH 0819 SSSKhusus Kayu	Psg	1.887.000,00	Dekkson
130	X.3.12.130	Handle Pintu Pull	PH 146 25 x 432 x 500Kayu, Kaca, dan Aluminium	Psg	1.211.250,00	Dekkson
131	X.3.12.131	Handle Pintu Pull	PH 815 20 x 40 x 600Kayu, Kaca, dan Aluminium	Psg	1.193.400,00	Dekkson*
132	X.3.12.132	Handle Pintu Pull	PH 816 30 x 15 x 600Kayu, Kaca, dan Aluminium	Psg	1.639.650,00	Dekkson
133	X.3.12.133	Handle Pintu Pull	PH D441 25 x 600 x 425Kayu, Kaca, dan Aluminium	Psg	1.338.750,00	Dekkson
134	X.3.12.134	Handle Pintu Pull	PH D351 25 x 400 x 375 Khusus Kayu	Psg	930.240,00	Dekkson*
135	X.3.12.135	Handle Pintu Pull	PH D268 20 x 40 x 800 x 60Khusus Kayu	Psg	3.404.250,00	Dekkson
136	X.3.12.136	Handle Pintu Pull	TPH 819 25 x 400 MM Khusus Kayu	Psg	1.428.000,00	Dekkson
137	X.3.12.137	Handle Pintu Pull	SPH 0820 Khusus Kayu	Psg	2.779.500,00	Dekkson*
138	X.3.12.138	Kunci Bulat	KCBL 8587 BK	Set	183.600,00	Dekkson*
139	X.3.12.139	Pull Plate	PP 009	Bh	228.174,00	Dekkson
140	X.3.12.140	Pull Plate	PP 004	Bh	155.550,00	Dekkson*
141	X.3.12.141	Pull Plate	PP 012	Bh	84.150,00	Dekkson
142	X.3.12.142	Pull Plate	PP 013	Bh	76.500,00	Dekkson
143	X.3.12.143	Handle Plat Pintu Darurat	SP 003 HDL PULL	Bh	465.630,00	Dekkson
	X.3.12.144	Door Closer	DCL 300 Series Hold Open 40 Kg	Bh	491.130,00	Dekkson*
	X.3.12.145	Door Closer	DCL 300 Series Non Hold Open 40 Kg	Bh	465.630,00	Dekkson
146	X.3.12.146	Door Closer	DCI 522 Series 60 Kg	Bh	969.000,00	Dekkson
	X.3.12.147	Door Closer	DCL 529 Series 80 Kg	Bh	1.160.250,00	Dekkson*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
148	X.3.12.148	Sliding Rel	D31.8 Meter	Bh	478.380,00	Dekkson*
149	X.3.12.149	Sliding Rel	D42 Meter	Bh	663.000,00	Dekkson*
150	X.3.12.150	Sliding Rel	D63 Meter	Bh	1.555.500,00	Dekkson*
151	X.3.12.151	Hak Angin	WS 001 8"	Bh	100.980,00	Dekkson
152	X.3.12.152	Grendel Jendela	SK 018 BR	Bh	113.730,00	Dekkson
153	X.3.12.153	Grendel Pintu	CWH 103	Bh	160.650,00	Dekkson*
154	X.3.12.154	Grendel Pintu	DG 020	Bh	112.200,00	Dekkson*
155	X.3.12.155	Door Viewer	DV 200	Bh	98.430,00	Dekkson*
156	X.3.12.156	Grendel Tanam Pintu Kupu- Kupu	FB 050 8" + 12 "dan FB 040 8" + 12 "	Set	410.550,00	Dekkson*
157	X.3.12.157	Grendel Tanam Pintu Kupu- Kupu	FB 050 6" + 12 "	Set	446.250,00	Dekkson*
158	X.3.12.158	Door Stop	MDS 889	Bh	79.050,00	Dekkson*
159	X.3.12.159	Door Stop	MDS 047BR	Bh	127.500,00	Dekkson
160	X.3.12.160	Kunci Pintu Aluminium	Swing KC T8128	Set	395.250,00	Dekkson
161	X.3.12.161	Kunci Pintu Aluminium	Swing KC T8128 (PJ)	Set	369.750,00	Dekkson*
162	X.3.12.162	Kunci Pintu Aluminium	Swing KC 8123	Set	170.850,00	Dekkson*
163	X.3.12.163	Kunci Pintu Aluminium	Sliding KC 8423	Set	180.030,00	Dekkson*
164	X.3.12.164	Rambuncis	CHW 4	Bh	22.950,00	Dekkson*
165	X.3.12.165	Rambuncis	CH 420	Bh	34.170,00	Dekkson
166	X.3.12.166	Rambuncis	CH 400	Bh	99.450,00	Dekkson
167	X.3.12.167	Rambuncis	CH 423	Bh	22.440,00	Dekkson
168	X.3.12.168	Rambuncis	CH 425	Bh	24.480,00	Dekkson
169	X.3.12.169	Engsel Lantai	FH 84	Set	1.963.500,00	Dekkson*
170	X.3.12.170	Engsel Lantai	FH 211	Set	1.160.250,00	Dekkson*
171	X.3.12.171	Engsel Casement		Set	122.400,00	Dekkson*
	X.3.13.	Perlengkapan Sanitasi				
	X.3.13.1.	Bak Mandi				
1	X.3.13.1.1	Bak Mandi	Abu-abu Ukuran80 x 60 x 60 cm	Bh	455.734,40	Malang Indah
2	X.3.13.1.2	Bak Mandi	Terazo Ukuran80 x 60 x 60 cm	Bh	383.231,20	Malang Indah
3	X.3.13.1.3	Bak Mandi	Abu-abu Ukuran60 x 60 x 60 cm	Bh	274.476,40	Malang Indah
4	X.3.13.1.4	Bak Mandi	Terazo Ukuran60 x 60 x 60 cm	Bh	520.469,40	Malang Indah
5	X.3.13.1.5	Bak Mandi	Abu-abu Ukuran60 x 50 x 50 cm	Bh	235.635,40	Malang Indah
6	X.3.13.1.6	Bak Mandi	Terazo Ukuran60 x 50 x 50 cm	Bh	327.559,10	Malang Indah
7	X.3.13.1.7	Bak Mandi	Abu-abu Ukuran60 x 40 x 40 cm	Bh	163.132,20	Malang Indah
8	X.3.13.1.8	Bak Mandi	Terazo Ukuran60 x 40 x 40 cm	Bh	218.804,30	Malang Indah
9	X.3.13.1.9	Bak Mandi	Abu-abu Ukuran50 x 50 x 50 cm	Bh	191.615,60	Malang Indah
10	X.3.13.1.10	Bak Mandi	Terazo Ukuran50 x 50 x 50 cm	Bh	245.993,00	Malang Indah
11	X.3.13.1.11	Bak Mandi Fiber Glass	Ukuran50 x 50 x 50 cm	Bh	575.000,00	Malang Indah*
	X.3.13.2.	Closet				_
1	X.3.13.2.1	Closet Jongkok	CE 6	Bh	555.500,00	Toto
2	X.3.13.2.2	Closet Jongkok	CE 7	Bh	385.000,00	Toto*
3	X.3.13.2.3	Closet Jongkok	CE 9	Bh	775.920,00	Toto
4	X.3.13.2.4	Closet Jongkok		Bh	194.205,00	Duty
5	X.3.13.2.5	Closet Jongkok	Rapi C Squat	Bh	52.305,88	Amstad
6	X.3.13.2.6	Closet Jongkok	Rapi EX Squat	Bh	275.000,00	Amstad*
7	X.3.13.2.7	Closet Jongkok	Rapi DX Top Spud Squat + Flush Valve Squat TS	Bh	3.531.424,00	Amstad

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
8	X.3.13.2.8	Closet Duduk	CW 660 NJ/SW 660 J	Set	2.600.000,00	Toto*
9	X.3.13.2.9	Closet Duduk	CW 824PJ	Set	5.595.200,00	Toto
10	X.3.13.2.10	Closet Duduk	One Piece Toilet	Set	10.410.343,04	Amstad
11	X.3.13.2.11	Closet Duduk	CW420J+SW420JP	Set	2.184.000,00	Toto*
12	X.3.13.2.12	Closet Duduk	SuperiorC436N	Set	5.532.253,10	Toto
13	X.3.13.2.13	Closet Duduk	CW421+TCW075	Set	2.392.000,00	Toto*
14	X.3.13.2.14	Closet Duduk	CW421+TC505S	Set	2.242.240,00	Toto*
	X.3.13.3.	Kran Air				
1	X.3.13.3.1	Kran Washtafel	T 30 AR13V7N	Bh	374.530,00	Toto*
2	X.3.13.3.2	Kran Kitchen Zink	TX 603 KM*	Bh	599.960,00	Toto*
3	X.3.13.3.3	Kran Shower	TX 405 SDHot n Cold*	Bh	666.600,00	Toto*
4	X.3.13.3.4	Kran air washtafel	TX 108 LDNHot n Cold	Bh	1.012.000,00	Toto
5	X.3.13.3.5	Kran air washtafel	TX 109 LDCold Only*	Bh	693.000,00	Toto*
6	X.3.13.3.6	Kran air Biasa	,	Bh	60.500,00	San Ei
7	X.3.13.3.7	Kran air Biasa		Bh	91.190,00	AER
8	X.3.13.3.8	Kran Tembok	T 23 B 13*	Bh	278.360,50	Toto*
9	X.3.13.3.9	Kran air	Wall Tap IN 301C Wall Tap Chrome 1/2"	Bh	195.185,00	Amstad
10	X.3.13.3.10	Kran air	Wall Tap IN 301A Wall Tap Acrylic 1/2"	Bh	195.185,00	Amstad
11	X.3.13.3.11	Kran air	Wall Tap IN 26 Garden Wall Tap Chrome 1/2"	Bh	225.261,00	Amstad
12	X.3.13.3.12	Kran air	Wall Tap IN 24 Double Faucet 2 in 1 W/M Chrome 1/2"	Bh	195.185,00	Amstad
13	X.3.13.3.13	Hand Dry	HD4000M	Bh	5.274.240,00	Toto
	X.3.13.3.14	Kran Air Washtafel Automatic	TEN 40 AV800 / TN 78-9V800	Bh	8.147.200,00	Toto
15	X.3.13.3.15	Floor Drain	TX 1 AN Diameter 100.2 mm	Bh	376.200,00	Toto*
16	X.3.13.3.16	Floor Drain	TX 1 BN (115 x 115 mm)	Bh	467.500,00	Toto
	X.3.13.3.17	Floor Drain	TX 1CV2with Mosquito trap (131 x 131 mm)	Bh	470.800,00	Toto
18	X.3.13.3.18	Jet Washer		Bh	132.000,00	
19	X.3.13.3.19	Seal Tape	Pipa Air	Bh	5.500,00	*
	X.3.13.4.	Wastafel				
1	X.3.13.4.1	Wastafel Tanam Segi Empat	Type LW 595 J *	Bh	1.274.000,00	Toto*
2	X.3.13.4.2	Wastafel Tanam Oval	Type LW 548 J Lengkap Aksesories Kran TX101LB	Bh	3.644.800,00	Toto
3	X.3.13.4.3	Wastafel	Type L 34	Set	1.738.782,10	Toto
4	X.3.13.4.4	Wastafel	Type L 529 V1 *	Set	1.739.140,33	Toto*
5	X.3.13.4.5	Wastafel	Type L 38 V1Putih	Set	1.777.240,77	Toto*
6	X.3.13.4.6	Wastafel	Type LW 592 J Putih	Set	3.279.200,29	Toto
7	X.3.13.4.7	Wastafel	Type LW 640 JPutih	Set	5.528.574,60	Toto
8	X.3.13.4.8	Wastafel	Type LW 641 JPutih	Set	6.452.454,61	Toto
9	X.3.13.4.9	Wastafel	Type LW 524 JPutih	Set	5.024.356,48	Toto
10	X.3.13.4.10	Wastafel	Lavatory and PedestalSan Remo 55	Set	2.632.125,10	Amstad
11	X.3.13.4.11	Wastafel	Lavatory and PedestalNevada	Set	2.493.592,20	Amstad
	X.3.13.4.12	Wastafel	VanitoryMonaco	Set	1.003.392,50	Amstad
13	X.3.13.4.13	Wastafel	VanitoryRondalyn	Set	723.737,30	Amstad
	X.3.13.4.14	Wastafel	VanitoryAqualyn	Set	664.181,10	Amstad

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
15	X.3.13.4.15	Wastafel	Wall Hung LavatoryStudio 50	Set	1.962.765,20	Amstad
16	X.3.13.4.16	Wastafel	Wall Hung LavatoryStudio 45	Set	1.901.914,30	Amstad
17	X.3.13.4.17	Wastafel	Wall Hung LavatoryStudio 35	Set	1.799.633,00	Amstad
	X.3.13.5.	Urinal				
1	X.3.13.5.1	Urinal	Top Spud UrinalWashbrook	Bh	5.211.167,50	Amstad
2	X.3.13.5.2	Urinal	Top Spud UrinalMini Washbrook	Bh	3.919.056,90	Amstad
3	X.3.13.5.3	Urinal	Top Spud UrinalMaybrook II	Bh	3.327.379,00	Amstad
4	X.3.13.5.4	Urinal Divider		Bh	688.780,40	Amstad
5	X.3.13.5.5	Urinal With Sensor	UW447HJNM / DUE106UAMoslem Type urinal (Back Inlet) With Urinal Sensor Battery Operated	Set	8.320.000,00	Toto
6	X.3.13.5.6	Urinal With Sensor	UW447HJNM / DUE106UEAMoslem Type urinal (Back Inlet) With Urinal Sensor 220 V	Set	9.048.000,00	Toto
7	X.3.13.5.7	Urinal	U370MMoslem Type urinal (Top Inlet)	Set	4.867.200,00	Toto
8	X.3.13.5.8	Urinal	UW447JNMMoslem Type urinal (Top Inlet)	Set	4.596.800,00	Toto
9	X.3.13.5.9	Urinal	U57MMoslem Type urinal*	Set	2.782.000,00	Toto*
10	X.3.13.5.10	Paper Holder / Tempat Tisu	TX 720 ACRB Chrome	bh	369.490,00	Toto
11	X.3.13.5.11	Shower Spray	Type THX 20 NBPIV	Unit	212.960,00	Toto
12	X.3.13.5.12	Shower Set	Type TX 423 SZ	Unit	678.188,00	Toto
13	X.3.13.5.13	Tempat Sabun	S 11 N	bh	161.700,00	Toto
	X.3.13.6. X.3.13.6.1	Kitchen Sink Kitchen Sink	Sink R -1Ukuran100 x 56 x 88 cm	Bh	2.277.377,30	Standart
2	X.3.13.6.2	Kitchen Sink	Kitchen Set R8Ukuran120 x 56 x 88 cm	Bh	2.369.301,00	Тор
3	X.3.13.6.3	Kitchen Sink	Elegant R4Ukuran133 x 56 x 88 cm	Bh	2.589.400,00	Royal
4	X.3.13.6.4	Kitchen Sink	Kitchen Sink R9Ukuran116 x 56 x 90 cm	Bh	2.459.930,00	Absolute
5	X.3.13.6.5	Kitchen Sink	Work TableUkuran81 x 43 x 88 cm	Bh	414.304,00	Royal
6	X.3.13.6.6	Kitchen Sink	Work TableUkuran116 x 63 x 88 cm	Bh	1.242.912,00	Royal
7	X.3.13.6.7	Kitchen Sink	Kitchen Sink NaomiUkuran62 x 48 x 75 cm	Bh	647.350,00	Royal
8	X.3.13.6.8	Kitchen Sink	Double Kitcken SinkUkuran105 x 56 x 87 cm deep27	Bh	1.242.912,00	Royal
9	X.3.13.6.9	Kitchen Sink	Kitchen Sink SBUkuran63 x 57 x 76 cm deep30	Bh	1.342.603,90	Royal
10	X.3.13.6.10	Kitchen Sink		Bh	1.487.200,00	Elite
	X.3.14. X.3.14.1.	Pipa Pipa Besi				
1	X.3.14.1.1	Pipa Besi	ø 1/2" Panjang 4 m	Btg	345.684,90	
	X.3.14.1.2	Pipa Besi	ø 3/4" Panjang 4 m	Btg	453.145,00	
	X.3.14.1.3	Pipa Besi	ø2" Panjang 4 m	Btg	1.277.868,90	
		pa 5001	~= ranjang rin	Dig	1.277.000,70	
1	X.3.14.2.	Pipa PVC	a1/0"	Dia	20,400,00	Meanis
	X.3.14.2.1	Pipa PVC	Ø1/2"	Btg	28.408,00	Maspion
	X.3.14.2.2	Pipa PVC	ø3/4"	Btg	36.180,00	
3	X.3.14.2.3	Pipa PVC	ø1"	Btg	45.560,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.14.2.4	Pipa PVC	ø1 1/2"	Btg	101.518,40	
5	X.3.14.2.5	Pipa PVC	ø2" Putih	Btg	109.880,00	Maspion
6	X.3.14.2.6	Pipa PVC	ø3"	Btg	192.960,00	
7	X.3.14.2.7	Pipa PVC	Ø4"	Btg	289.440,00	
8	X.3.14.2.8	Pipa PVC	ø4"	Btg	-	Butterfly KV
	X.3.14.2.1.	Pipa PVC Serie 12,5				
1	X.3.14.2.1.1	Pipa PVC	ø 1"	Btg	51.092,00	Rubbering
2	X.3.14.2.1.2	Pipa PVC	ø 2"	Btg	130.804,00	Rubbering
3	X.3.14.2.1.3	Pipa PVC	ø 3"	Btg	240.620,00	Rubbering
4	X.3.14.2.1.4	Pipa PVC	ø 4"	Btg	365.594,00	Rubbering
5	X.3.14.2.1.5	Pipa PVC	ø 6"	Btg	482.406,00	Rubbering
6	X.3.14.2.1.6	Pipa PVC	ø 8"	Btg	732.460,00	Rubbering
7	X.3.14.2.1.7	Pipa PVC	ø 10"	Btg	914.674,00	Rubbering
8	X.3.14.2.1.8	Pipa PVC	ø 12"	Btg	966.084,00	Rubbering
9	X.3.14.2.1.9	Pipa PVC	ø 1/2" AW	Btg	18.656,00	Supralon
10	X.3.14.2.1.10	Pipa PVC	ø 3/4" AW	Btg	25.652,00	Supralon
11	X.3.14.2.1.11	Pipa PVC	ø 1" AW	Btg	34.980,00	Supralon
12	X.3.14.2.1.12	Pipa PVC	ø 1 1/4" AW	Btg	54.802,00	Supralon
13	X.3.14.2.1.13	Pipa PVC	ø 1 1/4" D	Btg	34.980,00	Supralon
14	X.3.14.2.1.14	Pipa PVC	ø 1 1/2" AW	Btg	64.236,00	Supralon
15	X.3.14.2.1.15	Pipa PVC	ø 1 1/2" D	Btg	40.810,00	Supralon
16	X.3.14.2.1.16	Pipa PVC	ø 2 1/2" AW	Btg	116.812,00	Supralon
17	X.3.14.2.1.17	Pipa PVC	ø 2 1/2" D	Btg	122.642,00	Supralon
18	X.3.14.2.1.18	Pipa PVC	ø 2"	Btg	113.314,00	Supralon
19	X.3.14.2.1.19	Pipa PVC	ø 3" AW	Btg	151.792,00	Supralon
20	X.3.14.2.1.20	Pipa PVC	ø 3" D	Btg	82.256,00	Supralon
21	X.3.14.2.1.21	Pipa PVC	ø 4" AW	Btg	251.114,00	Supralon
	X.3.14.2.1.22	Pipa PVC	ø 4" D	Btg	129.002,00	Supralon
23	X.3.14.2.1.23	Pipa PVC	ø 6" AW	Btg	584.060,00	Supralon
24	X.3.14.2.1.24	Pipa PVC	ø 6" D	Btg	268.604,00	Supralon
25	X.3.14.2.1.25	Pipa PVC	ø 8" AW	Btg	991.206,00	Supralon
26	X.3.14.2.1.26	Pipa PVC	ø 8" D	Btg	466.612,00	Supralon
	X.3.14.2.1.27	Pipa PVC	ø 10" AW	Btg	1.532.654,00	Supralon
	X.3.14.2.1.28	Pipa PVC	ø 10" D	Btg	789.700,00	Supralon
	X.3.14.2.1.29	Pipa PVC	ø 12" AW	Btg	2.161.128,00	Supralon
30	X.3.14.2.1.30	Pipa PVC	ø 12" D	Btg	1.108.548,00	Supralon
	X.3.14.2.1.31	Pipa PVC	ø16"	Btg	6.345.796,00	Supralon
	X.3.14.2.2.	Pipa PVC Type AW				
1	X.3.14.2.2.1	Pipa PVC	ø 1/2" Pjg 4 m	Btg	26.800,00	Wavin*
3	X.3.14.2.2.2	Pipa PVC	ø 3/4" Pjg 4 m	Btg	32.160,00	Wavin*
4	X.3.14.2.2.3	Pipa PVC	ø 1" Pjg 4 m	Btg	42.880,00	Wavin*
5	X.3.14.2.2.4	Pipa PVC	ø 1 1/4" Pjg 4 m	Btg	60.032,00	Wavin
6	X.3.14.2.2.5	Pipa PVC	ø 1 1/2" Pjg 4 m	Btg	69.680,00	Wavin*
7	X.3.14.2.2.6	Pipa PVC	ø 2" Pjg 4 m	Btg	89.404,80	Wavin*
8	X.3.14.2.2.7	Pipa PVC	ø 2 1/2" Pjg 4 m	Btg	117.920,00	Wavin*
9	X.3.14.2.2.8	Pipa PVC	ø 3" Pjg 4 m	Btg	160.800,00	Wavin*
10	X.3.14.2.2.9	Pipa PVC	ø 4" Pjg 4 m	Btg	274.432,00	Wavin*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
11	X.3.14.2.2.10	Pipa PVC	ø 5" Pjg 4 m	Btg	450.240,00	Wavin
12	X.3.14.2.2.11	Pipa PVC	ø 6" Pjg 4 m	Btg	589.600,00	Wavin*
13	X.3.14.2.2.12	Pipa PVC	ø 8" Pjg 4 m	Btg	1.087.560,00	Wavin
14	X.3.14.2.2.13	Pipa PVC	ø 10" Pjg 4 m	Btg	1.752.180,00	Wavin
15	X.3.14.2.2.14	Pipa PVC	ø 12" Pjg 4 m	Btg	2.398.674,00	Wavin
16	X.3.14.2.2.15	Pipa PVC	ø 14" Pjg 4 m	Btg	2.666.854,00	Wavin
17	X.3.14.2.2.16	Pipa PVC	ø 16" Pjg 4 m	Btg	3.347.268,00	Wavin
18	X.3.14.2.2.17	Pipa PVC	ø 3/4" Pjg 6 m	Btg	45.898,00	Wavin
19	X.3.14.2.2.18	Pipa PVC	ø 1" Pjg 6 m	Btg	56.710,00	Wavin
20	X.3.14.2.2.19	Pipa PVC	ø 1 1/4" Pjg 6 m	Btg	80.878,00	Wavin
21	X.3.14.2.2.20	Pipa PVC	ø 1 1/2" Pjg 6 m	Btg	106.318,00	Wavin
22	X.3.14.2.2.21	Pipa PVC	ø 2" Pjg 6 m	Btg	159.424,00	Wavin
23	X.3.14.2.2.22	Pipa PVC	ø 2 1/2" Pjg 6 m	Btg	205.428,00	Wavin
24	X.3.14.2.2.23	Pipa PVC	ø 3" Pjg 6 m	Btg	292.348,00	Wavin
25	X.3.14.2.2.24	Pipa PVC	ø 4" Pjg 6 m	Btg	427.710,00	Wavin
26	X.3.14.2.2.25	Pipa PVC	ø 5" Pjg 6 m	Btg	672.994,00	Wavin
27	X.3.14.2.2.26	Pipa PVC	ø 6" Pjg 6 m	Btg	892.944,00	Wavin
28	X.3.14.2.2.27	Pipa PVC	ø 8" Pjg 6 m	Btg	1.387.222,00	Wavin
29	X.3.14.2.2.28	Pipa PVC	ø 10" Pjg 6 m	Btg	1.976.900,00	Wavin
30	X.3.14.2.2.29	Pipa PVC	ø 12" Pjg 6 m	Btg	2.845.782,00	Wavin
31	X.3.14.2.2.30	Pipa PVC	ø 14" Pjg 6 m	Btg	3.969.594,00	Wavin
32	X.3.14.2.2.31	Pipa PVC	ø 16" Pjg 6 m	Btg	1.349.698,00	Wavin
	X.3.14.2.3.	Pipa PVC Type D				
1	X.3.14.2.3.1	Pipa PVC	ø 1 1/4" Pjg 4 m	Btg	37.510,00	Wavin*
2	X.3.14.2.3.2	Pipa PVC	ø 1 1/2" Pjg 4 m	Btg	43.560,00	Wavin*
3	X.3.14.2.3.3	Pipa PVC	ø 2" Pjg 4 m	Btg	58.190,00	Wavin*
4	X.3.14.2.3.4	Pipa PVC	ø 2 1/2" Pjg 4 m	Btg	98.780,00	Wavin*
5	X.3.14.2.3.5	Pipa PVC	ø 3" Pjg 4 m	Btg	118.800,00	Wavin*
6	X.3.14.2.3.6	Pipa PVC	ø 4" Pjg 4 m	Btg	158.950,00	Wavin*
7	X.3.14.2.3.7	Pipa PVC	ø 5" Pjg 4 m	Btg	261.608,00	Wavin*
8	X.3.14.2.3.8	Pipa PVC	ø 6" Pjg 4 m	Btg	321.180,00	Wavin*
9	X.3.14.2.3.9	Pipa PVC	ø 8" Pjg 4 m	Btg	566.570,00	Supralon
10	X.3.14.2.3.10	Pipa PVC	ø 10" Pjg 4 m	Btg	987.072,00	Supralon
11	X.3.14.2.3.11	Pipa PVC	ø 12" Pjg 4 m	Btg	1.319.240,00	Supralon
12	X.3.14.2.3.12	Pipa PVC	ø 14" Pjg 4 m	Btg	1.735.240,00	Supralon
13	X.3.14.2.3.13	Pipa PVC	ø 16" Pjg 4 m	Btg	2.246.504,00	Supralon
14	X.3.14.2.3.14	Pipa PVC	ø 1 1/4" Pjg 6 m	Btg	52.470,00	Supralon
15	X.3.14.2.3.15	Pipa PVC	ø 1 1/2" Pjg 6 m	Btg	58.406,00	Supralon
16	X.3.14.2.3.16	Pipa PVC	ø 2" Pjg 6 m	Btg	78.758,00	Supralon
17	X.3.14.2.3.17	Pipa PVC	ø 2 1/2" Pjg 6 m	Btg	116.176,00	Supralon
18	X.3.14.2.3.18	Pipa PVC	ø 3" Pjg 6 m	Btg	168.222,00	Supralon
19	X.3.14.2.3.19	Pipa PVC	ø 4" Pjg 6 m	Btg	237.122,00	Supralon
20	X.3.14.2.3.20	Pipa PVC	ø 5" Pjg 6 m	Btg	39.432,00	Supralon
21	X.3.14.2.3.21	Pipa PVC	ø 6" Pjg 6 m	Btg	477.212,00	Supralon
22	X.3.14.2.3.22	Pipa PVC	ø 8" Pjg 6 m	Btg	841.110,00	Supralon
23	X.3.14.2.3.23	Pipa PVC	ø 10" Pjg 6 m	Btg	1.438.944,00	Supralon
24	X.3.14.2.3.24	Pipa PVC	ø 12" Pjg 6 m	Btg	1.961.024,00	Supralon

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
25	X.3.14.2.3.25	Pipa PVC	ø 14" Pjg 6 m	Btg	2.574.832,00	Supralon
26	X.3.14.2.3.26	Pipa PVC	ø 16" Pjg 6 m	Btg	3.334.760,00	Supralon
	X.3.14.2.4.	Pipa PVC Type C				
1	X.3.14.2.4.1	Pipa PVC	ø 5/8" Pjg 4 m	Btg	6.600,00	Supralon
2	X.3.14.2.4.2	Pipa PVC	ø 3/4" Pjg 4 m	Btg	14.520,00	Supralon
3	X.3.14.2.4.3	Pipa PVC	ø 1" Pjg 4 m	Btg	19.360,00	Supralon
4	X.3.14.2.4.4	Pipa PVC	ø 1 1/4" Pjg 4 m	Btg	25.410,00	Supralon
5	X.3.14.2.4.5	Pipa PVC	ø 1 1/2" Pjg 4 m	Btg	30.250,00	Supralon
6	X.3.14.2.4.6	Pipa PVC	ø 2" Pjg 4 m	Btg	46.640,00	Supralon
7	X.3.14.2.4.7	Pipa PVC	ø 2 1/2" Pjg 4 m	Btg	61.820,00	Supralon
8	X.3.14.2.4.8	Pipa PVC	ø 3" Pjg 4 m	Btg	70.290,00	Supralon
	X.3.14.2.4.9	Pipa PVC	ø 4" Pjg 4 m	Btg	90.860,00	Supralon
	X.3.14.2.4.10	Pipa PVC	ø 5/8" Pjg 6 m	Btg	10.890,00	Supralon
	X.3.14.2.4.11	Pipa PVC	ø 3/4" Pjg 6 m	Btg	19.360,00	Supralon
	X.3.14.2.4.12	Pipa PVC	ø 1" Pjg 6 m	Btg	29.040,00	Supralon
	X.3.14.2.4.13	Pipa PVC	ø 1 1/4" Pjg 6 m	Btg	37.510,00	Supralon
	X.3.14.2.4.14	Pipa PVC	ø 1 1/2" Pjg 6 m	Btg	44.770,00	Supralon
	X.3.14.2.4.15	Pipa PVC	ø 2" Pjg 6 m	Btg	70.290,00	Supralon
	X.3.14.2.4.16	Pipa PVC	ø 2 1/2" Pjg 6 m	Btg	90.860,00	Supralon
	X.3.14.2.4.17	Pipa PVC	ø 3" Pjg 6 m	Btg	105.380,00	Supralon
	X.3.14.2.4.18	Pipa PVC	ø 4" Pjg 6 m	Btg	135.740,00	Supralon
	X.3.14.3. X.3.14.3.1	Pipa Galvanis Pipa Galvanis	ø 1/2"	Btg	198.000,00	*
	X.3.14.3.2	Pipa Galvanis	ø 3/4"	Btg	275.000,00	*
	X.3.14.3.3	Pipa Galvanis	ø 1"	Btg	371.250,00	
	X.3.14.3.4	Pipa Galvanis	ø 1 1/2"	Btg	528.000,00	*
	X.3.14.3.5	Pipa Galvanis	ø 2"	Btg	717.750,00	
	X.3.14.3.6	Pipa Galvanis	ø 3"	Btg	1.171.500,00	*
	X.3.14.3.7	Pipa Galvanis	ø 4"	Btg	1.661.550,00	*
	X.3.14.3.7	Pipa Galvanis	ø 6"	Btg	2.464.500,00	
	X.3.14.3.9	Pipa Galvanis	ø 8"	Btg	3.640.000,00	
	X.3.14.3.9 X.3.14.3.10	Pipa Galvanis	ø 10"	Btg	5.720.000,00	
	X.3.14.3.10	Pipa Galvanis	ø 12"	Btg	11.440.000,00	
• •		pa Garvaino	~ 1=	Dig		
	X.3.14.4.	Pipa Air				
	X.3.14.4.1.	Pipa Air BSA				
	X.3.14.4.1.1	Pipa Air	ø 1/2" Hitam	Btg	218.360,00	Spindo
	X.3.14.4.1.1	Pipa Air	ø 3/4" Hitam	Btg	249.948,00	Spindo
	X.3.14.4.1.2 X.3.14.4.1.3	Pipa Air	ø 1" Hitam	Btg	292.030,00	Spindo
	X.3.14.4.1.3 X.3.14.4.1.4	Pipa Air	ø 1 1/4" Hitam	Btg	355.100,00	Spindo
	X.3.14.4.1.5	Pipa Air	ø 1 1/2" Hitam	Btg	467.248,00	Spindo
	X.3.14.4.1.5 X.3.14.4.1.6	Pipa Air	Ø 2" Hitam	Btg Btg	654.126,00	Spindo
		•	Ø 2 1/2" Hitam		747.618,00	•
	X.3.14.4.1.7	Pipa Air		Btg		Spindo
	X.3.14.4.1.8	Pipa Air	ø 3" Hitam	Btg	810.688,00	Spindo
	X.3.14.4.1.9	Pipa Air	ø 4" Hitam	Btg	934.496,00	Spindo
	X.3.14.4.1.10	Pipa Air	ø 5" Hitam	Btg	997.566,00	Spindo
11	X.3.14.4.1.11	Pipa Air	ø 6" Hitam	Btg	1.207.870,00	Spindo

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
12	X.3.14.4.1.12	Pipa Air	ø 1/2" Air	Btg	88.722,00	Spindo
13	X.3.14.4.1.13	Pipa Air	ø 3/4" Air	Btg	112.148,00	Spindo
14	X.3.14.4.1.14	Pipa Air	ø 1" Air	Btg	154.124,00	Spindo
15	X.3.14.4.1.15	Pipa Air	ø 1 1/4" Air	Btg	198.538,00	Spindo
16	X.3.14.4.1.16	Pipa Air	ø 1 1/2" Air	Btg	262.774,00	Spindo
17	X.3.14.4.1.17	Pipa Air	ø 2" Air	Btg	370.258,00	Spindo
18	X.3.14.4.1.18	Pipa Air	ø 2 1/2" Air	Btg	509.330,00	Spindo
19	X.3.14.4.1.19	Pipa Air	ø 3" Air	Btg	626.142,00	Spindo
20	X.3.14.4.1.20	Pipa Air	ø 4" Air	Btg	829.344,00	Spindo
21	X.3.14.4.1.21	Pipa Air	ø 5" Air	Btg	1.172.890,00	Spindo
22	X.3.14.4.1.22	Pipa Air	ø 6" Air	Btg	1.421.672,00	Spindo
	X.3.14.4.2.	Pipa Air MED II		_		
	X.3.14.4.2.1	Pipa Air	ø 1/2" Hitam	Btg	280.370,00	Spindo
	X.3.14.4.2.2	Pipa Air	ø 3/4" Hitam	Btg	367.926,00	Spindo
	X.3.14.4.2.3	Pipa Air	ø 1" Hitam	Btg	541.978,00	Spindo
	X.3.14.4.2.4	Pipa Air	ø 1 1/4" Hitam	Btg	685.714,00	Spindo
	X.3.14.4.2.5	Pipa Air	ø 1 1/2" Hitam	Btg	810.688,00	Spindo
6	X.3.14.4.2.6	Pipa Air	ø 2" Hitam	Btg	1.115.650,00	Spindo
	X.3.14.4.2.7	Pipa Air	ø 2 1/2" Hitam	Btg	1.371.428,00	Spindo
8	X.3.14.4.2.8	Pipa Air	ø 3" Hitam	Btg	1.745.290,00	Spindo
9	X.3.14.4.2.9	Pipa Air	ø 4" Hitam	Btg	2.803.700,00	Spindo
10	X.3.14.4.2.10	Pipa Air	ø 5" Hitam	Btg	2.258.118,00	Spindo
11	X.3.14.4.2.11	Pipa Air	ø 6" Hitam	Btg	4.131.986,00	Spindo
12	X.3.14.4.2.12	Pipa Air	ø 1/2" Air	Btg	311.852,00	Spindo
13	X.3.14.4.2.13	Pipa Air	ø 3/4" Air	Btg	367.926,00	Spindo
14	X.3.14.4.2.14	Pipa Air	ø 1" Air	Btg	560.740,00	Spindo
15	X.3.14.4.2.15	Pipa Air	ø 1 1/4" Air	Btg	728.962,00	Spindo
16	X.3.14.4.2.16	Pipa Air	ø 1 1/2" Air	Btg	853.936,00	Spindo
17	X.3.14.4.2.17	Pipa Air	ø 2" Air	Btg	1.152.962,00	Spindo
18	X.3.14.4.2.18	Pipa Air	ø 2 1/2" Air	Btg	1.371.428,00	Spindo
19	X.3.14.4.2.19	Pipa Air	ø 3" Air	Btg	1.994.072,00	Spindo
20	X.3.14.4.2.20	Pipa Air	ø 4" Air	Btg	3.115.658,00	Spindo
21	X.3.14.4.2.21	Pipa Air	ø 5" Air	Btg	3.706.714,00	Spindo
22	X.3.14.4.2.22	Pipa Air	ø 6" Air	Btg	4.797.878,00	Spindo
	X.3.14.4.3.	Pipa Air SCH-40 ASTM A-53 G	A			
1	X.3.14.4.3.1	Pipa Air	ø 1/2" Hitam	Btg	217.194,00	Spindo
2	X.3.14.4.3.2	Pipa Air	ø 3/4" Hitam	Btg	299.026,00	Spindo
3	X.3.14.4.3.3	Pipa Air	ø 1" Hitam	Btg	434.494,00	Spindo
4	X.3.14.4.3.4	Pipa Air	ø 1 1/4" Hitam	Btg	560.740,00	Spindo
5	X.3.14.4.3.5	Pipa Air	ø 1 1/2" Hitam	Btg	635.470,00	Spindo
6	X.3.14.4.3.6	Pipa Air	ø 2" Hitam	Btg	890.188,00	Spindo
7	X.3.14.4.3.7	Pipa Air	ø 2 1/2" Hitam	Btg	1.420.506,00	Spindo
8	X.3.14.4.3.8	Pipa Air	ø 3" Hitam	Btg	1.943.828,00	Spindo
9	X.3.14.4.3.9	Pipa Air	ø 4" Hitam	Btg	2.841.118,00	Spindo
10	X.3.14.4.3.10	Pipa Air	ø 5" Hitam	Btg	3.738.302,00	Spindo
11	X.3.14.4.3.11	Pipa Air	ø 6" Hitam	Btg	4.710.216,00	Spindo
12	X.3.14.4.3.12	Pipa Air	ø 8" Hitam	Btg	7.102.742,00	Spindo

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
13	X.3.14.4.3.13	Pipa Air	ø 1/2" Air	Btg	523.322,00	Spindo
14	X.3.14.4.3.14	Pipa Air	ø 3/4" Air	Btg	575.898,00	Spindo
15	X.3.14.4.3.15	Pipa Air	ø 1" Air	Btg	725.464,00	Spindo
16	X.3.14.4.3.16	Pipa Air	ø 1 1/4" Air	Btg	822.348,00	Spindo
17	X.3.14.4.3.17	Pipa Air	ø 1 1/2" Air	Btg	1.121.480,00	Spindo
18	X.3.14.4.3.18	Pipa Air	ø 2" Air	Btg	1.457.924,00	Spindo
19	X.3.14.4.3.19	Pipa Air	ø 2 1/2" Air	Btg	2.064.244,00	Spindo
20	X.3.14.4.3.20	Pipa Air	ø 3" Air	Btg	2.915.848,00	Spindo
21	X.3.14.4.3.21	Pipa Air	ø 4" Air	Btg	4.112.058,00	Spindo
22	X.3.14.4.3.22	Pipa Air	ø 5" Air	Btg	4.485.920,00	Spindo
23	X.3.14.4.3.23	Pipa Air	ø 6" Air	Btg	5.906.532,00	Spindo
24	X.3.14.4.3.24	Pipa Air	Ø 8" Air	Btg	9.718.398,00	Spindo
	X.3.14.4.4.	Pipa Air BSA/Med B				
1	X.3.14.4.4.1	Pipa Air	ø 1/2" Hitam	Btg	110.876,00	Spindo
2	X.3.14.4.4.2	Pipa Air	ø 3/4" Hitam	Btg	121.476,00	Spindo
3	X.3.14.4.4.3	Pipa Air	ø 1" Hitam	Btg	170.554,00	Spindo
4	X.3.14.4.4.4	Pipa Air	ø 1 1/4" Hitam	Btg	21.624,00	Spindo
5	X.3.14.4.4.5	Pipa Air	ø 1 1/2" Hitam	Btg	279.204,00	Spindo
6	X.3.14.4.4.6	Pipa Air	ø 2" Hitam	Btg	380.752,00	Spindo
7	X.3.14.4.4.7	Pipa Air	ø 2 1/2" Hitam	Btg	525.654,00	Spindo
8	X.3.14.4.4.8	Pipa Air	ø 3" Hitam	Btg	61.904,00	Spindo
9	X.3.14.4.4.9	Pipa Air	ø 4" Hitam	Btg	877.256,00	Spindo
10	X.3.14.4.4.10	Pipa Air	ø 5" Hitam	Btg	1.238.292,00	Spindo
11	X.3.14.4.4.11	Pipa Air	ø 6" Hitam	Btg	1.474.248,00	Spindo
12	X.3.14.4.4.12	Pipa Air	ø 8" Hitam	Btg	2.794.372,00	Spindo
13	X.3.14.4.4.13	Pipa Air	ø 1/2" Air	Btg	110.876,00	Spindo
14	X.3.14.4.4.14	Pipa Air	ø 3/4" Air	Btg	142.464,00	Spindo
15	X.3.14.4.4.15	Pipa Air	ø 1" Air	Btg	200.870,00	Spindo
16	X.3.14.4.4.16	Pipa Air	ø 1 1/4" Air	Btg	272.102,00	Spindo
17	X.3.14.4.4.17	Pipa Air	ø 1 1/2" Air	Btg	331.674,00	Spindo
18	X.3.14.4.4.18	Pipa Air	ø 2" Air	Btg	449.758,00	Spindo
19	X.3.14.4.4.19	Pipa Air	ø 2 1/2" Air	Btg	619.146,00	Spindo
20	X.3.14.4.4.20	Pipa Air	ø 3" Air	Btg	727.796,00	Spindo
21	X.3.14.4.4.21	Pipa Air	ø 4" Air	Btg	1.034.984,00	Spindo
22	X.3.14.4.4.22	Pipa Air	ø 5" Air	Btg	144.796,00	Spindo
23	X.3.14.4.4.23	Pipa Air	ø 6" Air	Btg	1.738.294,00	Spindo
24	X.3.14.4.4.24	Pipa Air	ø 8" Air	Btg	3.295.540,00	Spindo
	X.3.14.4.5.	Pipa Air MED SNI				
1	X.3.14.4.5.1	Pipa Air	ø 1/2" Hitam	Btg	186.878,00	Spindo
2	X.3.14.4.5.2	Pipa Air	ø 3/4" Hitam	Btg	224.296,00	Spindo
3	X.3.14.4.5.3	Pipa Air	ø 1" Hitam	Btg	336.444,00	Spindo
4	X.3.14.4.5.4	Pipa Air	ø 1 1/4" Hitam	Btg	434.494,00	Spindo
5	X.3.14.4.5.5	Pipa Air	ø 1 1/2" Hitam	Btg	568.902,00	Spindo
	X.3.14.4.5.6	Pipa Air	ø 2" Hitam	Btg	635.470,00	Spindo
-	X.3.14.4.5.7	Pipa Air	ø 2 1/2" Hitam	Btg	747.618,00	Spindo
-	X.3.14.4.5.8	Pipa Air	ø 3" Hitam	Btg	1.270.940,00	Spindo
-	X.3.14.4.5.9	Pipa Air	ø 4" Hitam	Btg	1.719.532,00	Spindo

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.14.4.5.10	Pipa Air	ø 5" Hitam	Btg	2.093.394,00	Spindo
11	X.3.14.4.5.11	Pipa Air	ø 6" Hitam	Btg	2.691.552,00	Spindo
12	X.3.14.4.5.12	Pipa Air	ø 8" Hitam	Btg	5.606.234,00	Spindo
13	X.3.14.4.5.13	Pipa Air	ø 1/2" Air	Btg	224.296,00	Spindo
14	X.3.14.4.5.14	Pipa Air	ø 3/4" Air	Btg	292.030,00	Spindo
15	X.3.14.4.5.15	Pipa Air	ø 1" Air	Btg	441.490,00	Spindo
16	X.3.14.4.5.16	Pipa Air	ø 1 1/4" Air	Btg	560.740,00	Spindo
17	X.3.14.4.5.17	Pipa Air	ø 1 1/2" Air	Btg	650.628,00	Spindo
18	X.3.14.4.5.18	Pipa Air	ø 2" Air	Btg	932.164,00	Spindo
19	X.3.14.4.5.19	Pipa Air	ø 2 1/2" Air	Btg	1.345.776,00	Spindo
20	X.3.14.4.5.20	Pipa Air	ø 3" Air	Btg	1.644.802,00	Spindo
21	X.3.14.4.5.21	Pipa Air	ø 4" Air	Btg	2.242.960,00	Spindo
22	X.3.14.4.5.22	Pipa Air	ø 5" Air	Btg	2.841.118,00	Spindo
23	X.3.14.4.5.23	Pipa Air	ø 6" Air	Btg	3.514.006,00	Spindo
24	X.3.14.4.5.24	Pipa Air	ø 8" Air	Btg	7.026.846,00	Spindo
	X.3.14.4.6.	Pipa Air SCH 20 ASTM A - 53 A	<u> </u> 			
1	X.3.14.4.6.1	Pipa Air	ø 2" Hitam	Btg	514.524,00	Spindo
2	X.3.14.4.6.2	Pipa Air	ø 2 1/2" Hitam	Btg	891.354,00	Spindo
3	X.3.14.4.6.3	Pipa Air	ø 3" Hitam	Btg	1.047.810,00	Spindo
4	X.3.14.4.6.4	Pipa Air	ø 4" Hitam	Btg	1.483.576,00	Spindo
5	X.3.14.4.6.5	Pipa Air	ø 5" Hitam	Btg	1.893.690,00	Spindo
6	X.3.14.4.6.6	Pipa Air	ø 6" Hitam	Btg	2.428.672,00	Spindo
7	X.3.14.4.6.7	Pipa Air	ø 8" Hitam	Btg	3.697.386,00	Spindo
8	X.3.14.4.6.8	Pipa Air	ø 10" Hitam	Btg	5.054.822,00	Spindo
9	X.3.14.4.6.9	Pipa Air	ø 12" Hitam	Btg	6.032.672,00	Spindo
10	X.3.14.4.6.10	Pipa Air	ø 2" Air	Btg	607.380,00	Spindo
11	X.3.14.4.6.11	Pipa Air	ø 2 1/2" Air	Btg	1.050.142,00	Spindo
12	X.3.14.4.6.12	Pipa Air	ø 3" Air	Btg	1.238.292,00	Spindo
13	X.3.14.4.6.13	Pipa Air	ø 4" Air	Btg	1.748.788,00	Spindo
14	X.3.14.4.6.14	Pipa Air	ø 5" Air	Btg	2.233.632,00	Spindo
15	X.3.14.4.6.15	Pipa Air	ø 6" Air	Btg	2.852.778,00	Spindo
16	X.3.14.4.6.16	Pipa Air	ø 8" Air	Btg	4.362.112,00	Spindo
17	X.3.14.4.6.17	Pipa Air	ø 10" Air	Btg	6.571.258,00	Spindo
18	X.3.14.4.6.18	Pipa Air	ø 12" Air	Btg	7.842.198,00	Spindo
	X.3.14.5.	Sambungan Pipa Air				
	X.3.14.5.1.	Bend 90				
1	X.3.14.5.1.1	Pipa	ø 1/2"	Bh	6.890,00	
	X.3.14.5.1.2	Pipa	ø 3/4"	Bh	9.964,00	
3	X.3.14.5.1.3	Pipa	ø 1"	Bh	14.310,00	
4	X.3.14.5.1.4	Pipa	ø 1 1/4"	Bh	22.684,00	
5	X.3.14.5.1.5	Pipa	ø 1 1/2"	Bh	27.984,00	
6	X.3.14.5.1.6	Pipa	ø 2"	Bh	46.640,00	
7	X.3.14.5.1.7	Pipa	ø 2 1/2"	Bh	87.556,00	
8	X.3.14.5.1.8	Pipa	ø 3"	Bh	143.630,00	
9	X.3.14.5.1.9	Pipa	ø 4"	Bh	233.624,00	
10	X.3.14.5.1.10	Pipa	ø 6"	Bh	934.496,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.2.	Bushing				
	X.3.14.5.2.1	Bushing	ø 3/4"	Bh	6.890,00	
	X.3.14.5.2.2	Bushing	Ø 1"	Bh	9.964,00	
	X.3.14.5.2.3	Bushing	ø 1 1/4"	Bh	1.590,00	
	X.3.14.5.2.4	Bushing	ø 1 1/2"	Bh	20.352,00	
	X.3.14.5.2.5	Bushing	Ø 2"	Bh	26.818,00	
	X.3.14.5.2.6	Bushing	ø 2 1/2"	Bh	46.640,00	
	X.3.14.5.2.7	Bushing	Ø 3"	Bh	65.402,00	
	X.3.14.5.2.8	Bushing	Ø 4"	Bh	121.476,00	
	X.3.14.5.2.9	Bushing	ø 5"	Bh	280.370,00	
	X.3.14.5.2.10	Bushing	Ø 6"	Bh	343.440,00	
	X.3.14.5.3.	Сар				
1	X.3.14.5.3.1	Cap	ø 1/2"	Bh	5.512,00	
	X.3.14.5.3.2	Cap	ø 3/4"	Bh	6.678,00	
3	X.3.14.5.3.3	Cap	ø 1"	Bh	9.328,00	
4	X.3.14.5.3.4	Cap	ø 1 1/4"	Bh	13.568,00	
5	X.3.14.5.3.5	Cap	ø 1 1/2"	Bh	18.656,00	
6	X.3.14.5.3.6	Cap	ø 2"	Bh	26.076,00	
7	X.3.14.5.3.7	Cap	ø 2 1/2"	Bh	530.318,00	
8	X.3.14.5.3.8	Cap	ø 3"	Bh	74.730,00	
9	X.3.14.5.3.9	Cap	ø 4"	Bh	121.476,00	
10	X.3.14.5.3.10	Cap	ø 5"	Bh	311.852,00	
11	X.3.14.5.3.11	Сар	ø 6"	Bh	405.344,00	
	X.3.14.5.4.	Cross				
1	X.3.14.5.4.1	Cross	ø 1/2"	Bh	27.984,00	
2	X.3.14.5.4.2	Cross	ø 3/4"	Bh	34.980,00	
3	X.3.14.5.4.3	Cross	ø 1"	Bh	44.308,00	
4	X.3.14.5.4.4	Cross	ø 1 1/4"	Bh	63.070,00	
5	X.3.14.5.4.5	Cross	ø 1 1/2"	Bh	81.726,00	
6	X.3.14.5.4.6	Cross	ø 2"	Bh	106.212,00	
7	X.3.14.5.4.7	Cross	ø 2 1/2"	Bh	205.534,00	
8	X.3.14.5.4.8	Cross	ø 3"	Bh	280.370,00	
	X.3.14.5.5.	Elbow 45				
	X.3.14.5.5.1	Elbow 45	ø 1/2"	Bh	11.660,00	
	X.3.14.5.5.2	Elbow 45	ø 3/4"	Bh	13.992,00	
	X.3.14.5.5.3	Elbow 45	Ø 1"	Bh	19.822,00	
	X.3.14.5.5.4	Elbow 45	ø 1 1/4"	Bh	29.150,00	
	X.3.14.5.5.5	Elbow 45	ø 1 1/2"	Bh	39.644,00	
6	X.3.14.5.5.6	Elbow 45	Ø 2"	Bh	52.470,00	
7	X.3.14.5.5.7	Elbow 45	ø 2 1/2"	Bh	108.544,00	
8	X.3.14.5.5.8	Elbow 45	ø 3"	Bh	157.622,00	
9	X.3.14.5.5.9	Elbow 45	ø 4"	Bh	297.860,00	
10	X.3.14.5.5.10	Elbow 45	ø 5"	Bh	700.872,00	
11	X.3.14.5.5.11	Elbow 45	ø 6"	Bh	934.496,00	-

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.6.	Elbow 90				
1	X.3.14.5.6.1	Elbow 90	ø 1/2"	Bh	3.710,00	
2	X.3.14.5.6.2	Elbow 90	ø 3/4"	Bh	7.420,00	
3	X.3.14.5.6.3	Elbow 90	ø 1"	Bh	7.420,00	
4	X.3.14.5.6.4	Elbow 90	ø 1 1/4"	Bh	11.130,00	
5	X.3.14.5.6.5	Elbow 90	ø 1 1/2"	Bh	14.946,00	
6	X.3.14.5.6.6	Elbow 90	ø 2"	Bh	24.486,00	
7	X.3.14.5.6.7	Elbow 90	ø 2 1/2"	Bh	48.972,00	
	X.3.14.5.6.8	Elbow 90	ø 3"	Bh	73.564,00	
9	X.3.14.5.6.9	Elbow 90	ø 4"	Bh	130.804,00	
10	X.3.14.5.6.10	Elbow 90	ø 5"	Bh	45.262,00	
11	X.3.14.5.6.11	Elbow 90	ø 6"	Bh	525.654,00	
- ' '	7.3.14.3.0.11	LIDOW 70	<i>D</i> 0	DII	323.034,00	
	X.3.14.5.7.	Look Nut				
1	X.3.14.5.7.1	Look Nut	ø 1/2"	Bh	1.272,00	
2	X.3.14.5.7.1	Look Nut	ø 3/4"	Bh	1.272,00	
3	X.3.14.5.7.2	Look Nut	ø 1"	Bh	2.544,00	
4	X.3.14.5.7.4	Look Nut	ø 1 1/4"	Bh	2.544,00	
5	X.3.14.5.7.4 X.3.14.5.7.5	Look Nut	ø 1 1/2"	Bh	3.710,00	
6	X.3.14.5.7.6	Look Nut	Ø 2"	Bh	6.254,00	
7	X.3.14.5.7.0 X.3.14.5.7.7	Look Nut	Ø 2 1/2"	Bh	12.826,00	
8	X.3.14.5.7.7	Look Nut	ø 3"	Bh	18.656,00	
9	X.3.14.5.7.8 X.3.14.5.7.9	Look Nut	Ø 4"	Bh		
	X.3.14.5.7.9 X.3.14.5.7.10	Look Nut	ø 5"	Bh	37.312,00 59.572,00	
10	Λ.3.14.3.7.10	LOOK NUI	0 0	DII	39.372,00	
	X.3.14.5.8.	Nipple				
1	X.3.14.5.8.1	Nipple	ø 1/2"	Bh	6.254,00	
2	X.3.14.5.8.2	Nipple	ø 3/4"	Bh	7.420,00	
	X.3.14.5.8.3	Nipple	ø 1"	Bh	12.190,00	
4	X.3.14.5.8.4	Nipple	ø 1 1/4"	Bh	16.854,00	
5	X.3.14.5.8.5	Nipple	ø 1 1/2"	Bh	23.320,00	
6	X.3.14.5.8.6	Nipple	ø 2"	Bh	34.980,00	
7	X.3.14.5.8.7	Nipple	ø 2 1/2"	Bh	56.074,00	
	X.3.14.5.8.8	Nipple	ø 3"	Bh	93.386,00	
9	X.3.14.5.8.9	Nipple	ø 4"	Bh	156.456,00	
10	X.3.14.5.8.10	Nipple	ø 5"	Bh	343.440,00	
11	X.3.14.5.8.11	Nipple	ø 6"	Bh	560.740,00	
	X.3.14.5.9.	Elbow PVC				
1	X.3.14.5.9.1	Elbow PVC	ø 2" - 9	Bh	67.734,00	RR/SII
2	X.3.14.5.9.2	Elbow PVC	ø 2" - 45	Bh	72.398,00	RR/SII
3	X.3.14.5.9.3	Elbow PVC	ø 3" - 11,25	Bh	64.236,00	RR/SII
4	X.3.14.5.9.4	Elbow PVC	ø 3" - 22,5	Bh	75.896,00	RR/SII
	X.3.14.5.9.5	Elbow PVC	ø 3" - 45	Bh	82.892,00	RR/SII
6	X.3.14.5.9.6	Elbow PVC	ø 3" - 90	Bh	143.630,00	RR/SII
7	X.3.14.5.9.7	Elbow PVC	ø 4" - 22,5	Bh	164.618,00	RR/SII
8	X.3.14.5.9.8	Elbow PVC	ø 6" - 11,25	Bh	365.594,00	RR/SII
9	X.3.14.5.9.9	Elbow PVC	ø 6" - 22,5	Bh	346.938,00	RR/SII

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.14.5.9.10	Elbow PVC	ø 6" - 45	Bh	411.174,00	RR/SII
11	X.3.14.5.9.11	Elbow PVC	ø 12" - 45	Bh	1.189.214,00	RR/SII
12	X.3.14.5.9.12	Elbow PVC	ø 1/2" 90 DGR	Bh	3.710,00	Wavin
13	X.3.14.5.9.13	Elbow PVC	ø 3/4" 90 DGR	Bh	3.710,00	Wavin
14	X.3.14.5.9.14	Elbow PVC	ø 1" 90 DGR	Bh	4.982,00	Wavin
15	X.3.14.5.9.15	Elbow PVC	ø 1 1/2" 90 DGR	Bh	13.780,00	Wavin
	X.3.14.5.10.	Blind Flend				
1	X.3.14.5.10.1	Blind Flend	ø 2"	Bh	400.680,00	10 K
2	X.3.14.5.10.2	Blind Flend	ø 3"	Bh	434.494,00	10 K
3	X.3.14.5.10.3	Blind Flend	ø 4"	Bh	571.234,00	10 K
4	X.3.14.5.10.4	Blind Flend	ø 6"	Bh	1.027.988,00	10 K
5	X.3.14.5.10.5	Blind Flend	ø 8"	Bh	1.714.868,00	10 K
6	X.3.14.5.10.6	Blind Flend	ø 10"	Bh	1.999.902,00	10 K
7	X.3.14.5.10.7	Blind Flend	ø 12"	Bh	2.057.142,00	10 K
8	X.3.14.5.10.8	Blind Flend	ø 14" (350 mm)	Bh	2.572.408,00	10 K
	X.3.14.5.10.9	Blind Flend	ø 16" (400 mm)	Bh	3.431.008,00	10 K
	X.3.14.5.10.10	Blind Flend	ø 18" (450 mm)	Bh	4.287.382,00	10 K
		Blind Flend	ø 20" (500 mm)	Bh	4.002.242,00	10 K
	X.3.14.5.10.12	Blind Flend	ø 24" (600 mm)	Bh	4.116.828,00	10 K
	X.3.14.5.11.	Gate Valve				
	X.3.14.5.11.1	Gate Valve	ø 2"	Bh	4.672.904,00	Kitz
	X.3.14.5.11.2	Gate Valve	ø 3"	Bh	7.289.726,00	Kitz
	X.3.14.5.11.3	Gate Valve	ø 4"	Bh	8.410.040,00	Kitz
	X.3.14.5.11.4	Gate Valve	ø 6"	Bh	11.213.740,00	Kitz
	X.3.14.5.11.5	Gate Valve	ø 12"	Bh	22.426.420,00	Kitz
	X.3.14.5.11.6	Gate Valve	ø 8"	Bh	9.605.084,00	HE
	X.3.14.5.11.7	Gate Valve	ø 12"	Bh	12.148.342,00	HE
	X.3.14.5.11.8	Gate Valve	ø 2"	Bh	2.424.008,00	Blark Box
	X.3.14.5.11.9	Gate Valve	ø 3"	Bh	2.560.748,00	Blark Box
	X.3.14.5.11.10	Gate Valve	ø 6"	Bh	9.514.030,00	Blark Box
	X.3.14.5.12.	Tee PVC				
	X.3.14.5.12.1	Tee PVC	Ukuran 63 x 63 x 63 mm	Bh	310.686,00	Rubbering
	X.3.14.5.12.2	Tee PVC	Ukuran 90 x 90 x 90 mm	Bh	420.502,00	Rubbering
	X.3.14.5.12.3	Tee PVC	Ukuran 90 x 63 x 90 mm	Bh	385.416,00	Rubbering
	X.3.14.5.12.4	Tee PVC	Ukuran 110 x 10 x 110 mm	Bh	494.066,00	Rubbering
	X.3.14.5.12.5	Tee PVC	Ukuran 110 x 90 x 110 mm	Bh	457.920,00	Rubbering
	X.3.14.5.12.6	Tee PVC	Ukuran 110 x 63 x 110 mm	Bh	457.920,00	Rubbering
	X.3.14.5.12.7	Tee PVC	Ukuran 160 x 160 x 160 mm	Bh	1.079.398,00	Rubbering
	X.3.14.5.12.8	Tee PVC	Ukuran 160 x 110 x 160 mm	Bh	978.910,00	Rubbering
	X.3.14.5.12.9	Tee PVC	Ukuran 160 x 90 x 160 mm	Bh	1.115.650,00	Rubbering
						<u> </u>
	X.3.14.5.13.	Repair Socket PVC				
	X.3.14.5.13.1	Repair Socket PVC	ø 2"	Bh	32.648,00	Rubbering
-	X.3.14.5.13.2	Repair Socket PVC	ø 3"	Bh	48.972,00	Rubbering
-	X.3.14.5.13.3	Repair Socket PVC	ø 4"	Bh	68.900,00	Rubbering
-	X.3.14.5.13.4	Repair Socket PVC	ø 6"	Bh	137.800,00	Rubbering

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
5	X.3.14.5.13.5	Repair Socket PVC	ø 8"	Bh	228.960,00	Rubbering
6	X.3.14.5.13.6	Repair Socket PVC	ø 10"	Bh	345.772,00	Rubbering
7	X.3.14.5.13.7	Repair Socket PVC	ø 12"	Bh	594.554,00	Rubbering
	X.3.14.5.14.	DOP PVC				
1	X.3.14.5.14.1	DOP PVC	ø 2"	Bh	33.814,00	Rubbering
2	X.3.14.5.14.2	DOP PVC	ø 3"	Bh	64.236,00	Rubbering
3	X.3.14.5.14.3	DOP PVC	ø 4"	Bh	123.808,00	Rubbering
4	X.3.14.5.14.4	DOP PVC	ø 6"	Bh	189.210,00	Rubbering
	X.3.14.5.15.	Long Bend Socket				
1	X.3.14.5.15.1	Long Bend Socket	ø 2" x 11	Bh	31.482,00	Spigot RR
2	X.3.14.5.15.2	Long Bend Socket	ø 3" x 11	Bh	72.398,00	Spigot RR
3	X.3.14.5.15.3	Long Bend Socket	ø 4" x 11	Bh	99.216,00	Spigot RR
4	X.3.14.5.15.4	Long Bend Socket	ø 6" x 11	Bh	274.434,00	Spigot RR
5	X.3.14.5.15.5	Long Bend Socket	ø 8" x 11	Bh	457.920,00	Spigot RR
6	X.3.14.5.15.6	Long Bend Socket	ø 10" x 11	Bh	822.348,00	Spigot RR
7	X.3.14.5.15.7	Long Bend Socket	ø 12" x 11	Bh	1.344.610,00	Spigot RR
8	X.3.14.5.15.8	Long Bend Socket	ø 2" x 22	Bh	36.146,00	Spigot RR
9	X.3.14.5.15.9	Long Bend Socket	ø 3" x 22	Bh	68.900,00	Spigot RR
10	X.3.14.5.15.10	Long Bend Socket	ø 4" x 22	Bh	109.710,00	Spigot RR
11	X.3.14.5.15.11	Long Bend Socket	ø 6" x 22	Bh	318.848,00	Spigot RR
12	X.3.14.5.15.12	Long Bend Socket	ø 8" x 22	Bh	548.974,00	Spigot RR
13	X.3.14.5.15.13	Long Bend Socket	ø 10" x 22	Bh	942.658,00	Spigot RR
14	X.3.14.5.15.14	Long Bend Socket	ø 2" x 45	Bh	36.146,00	Spigot RR
15	X.3.14.5.15.15	Long Bend Socket	ø 3" x 45	Bh	82.892,00	Spigot RR
16	X.3.14.5.15.16	Long Bend Socket	ø 4" x 45	Bh	137.800,00	Spigot RR
17	X.3.14.5.15.17	Long Bend Socket	ø 6" x 45	Bh	380.752,00	Spigot RR
18	X.3.14.5.15.18	Long Bend Socket	ø 8" x 45	Bh	649.462,00	Spigot RR
19	X.3.14.5.15.19	Long Bend Socket	ø 10" x 45	Bh	1.189.214,00	Spigot RR
20	X.3.14.5.15.20	Long Bend Socket	ø 2" x 90	Bh	45.474,00	Spigot RR
21	X.3.14.5.15.21	Long Bend Socket	ø 3" x 90	Bh	100.382,00	Spigot RR
22	X.3.14.5.15.22	Long Bend Socket	ø 4" x 90	Bh	182.214,00	Spigot RR
23	X.3.14.5.15.23	Long Bend Socket	ø 6" x 90	Bh	447.426,00	Spigot RR
24	X.3.14.5.15.24	Long Bend Socket	ø 8" x 90	Bh	921.670,00	Spigot RR
25	X.3.14.5.15.25	Long Bend Socket	ø 10" x 22	Bh	1.682.220,00	Spigot RR
	X.3.14.5.16.	Flend Sock PVC				
1	X.3.14.5.16.1	Flend Sock PVC	ø 2"	Bh	164.618,00	SII RR
2	X.3.14.5.16.2	Flend Sock PVC	ø 3"	Bh	228.960,00	SII RR
3	X.3.14.5.16.3	Flend Sock PVC	ø 6"	Bh	575.898,00	SII RR
4	X.3.14.5.16.4	Flend Sock PVC	ø 8"	Bh	741.788,00	SII RR
	X.3.14.5.17.	Street Elbow				
1	X.3.14.5.17.1	Street Elbow	ø 1/2"	Bh	11.130,00	
	X.3.14.5.17.2	Street Elbow	ø 3/4"	Bh	29.150,00	
3	X.3.14.5.17.3	Street Elbow	ø 1"	Bh	29.150,00	
4	X.3.14.5.17.4	Street Elbow	ø 1 1/4"	Bh	41.976,00	
5	X.3.14.5.17.5	Street Elbow	ø 1 1/2"	Bh	48.972,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
6	X.3.14.5.17.6	Street Elbow	ø 2"	Bh	73.564,00	
7	X.3.14.5.17.7	Street Elbow	ø 2 1/2"	Bh	156.456,00	
	X.3.14.5.18.	Plug				
1	X.3.14.5.18.1	Plug	ø 1/2"	Bh	3.498,00	
2	X.3.14.5.18.2	Plug	ø 3/4"	Bh	4.028,00	
3	X.3.14.5.18.3	Plug	ø 1"	Bh	6.996,00	
4	X.3.14.5.18.4	Plug	ø 1 1/4"	Bh	8.162,00	
5	X.3.14.5.18.5	Plug	ø 1 1/2"	Bh	8.692,00	
6	X.3.14.5.18.6	Plug	ø 2"	Bh	11.130,00	
7	X.3.14.5.18.7	Plug	ø 2 1/2"	Bh	24.486,00	
8	X.3.14.5.18.8	Plug	ø 3"	Bh	32.648,00	
9	X.3.14.5.18.9	Plug	ø 4"	Bh	58.406,00	
10	X.3.14.5.18.10	Plug	ø 5"	Bh	156.456,00	
11	X.3.14.5.18.11	Plug	ø 6"	Bh	205.534,00	
	X.3.14.5.19.	Red Elbow				
1	X.3.14.5.19.1	Red Elbow	ø 3/4"	Bh	11.130,00	
2	X.3.14.5.19.2	Red Elbow	ø 1"	Bh	14.946,00	
3	X.3.14.5.19.3	Red Elbow	ø 1 1/4"	Bh	29.150,00	
4	X.3.14.5.19.4	Red Elbow	ø 1 1/2"	Bh	32.648,00	
5	X.3.14.5.19.5	Red Elbow	ø 2"	Bh	45.474,00	
	X.3.14.5.20.	Red Nipple				
1	X.3.14.5.20.1	Red Nipple	ø 3/4"	Bh	7.526,00	
2	X.3.14.5.20.2	Red Nipple	ø 1"	Bh	11.130,00	
3	X.3.14.5.20.3	Red Nipple	ø 1 1/4"	Bh	16.218,00	
4	X.3.14.5.20.4	Red Nipple	ø 1 1/2"	Bh	36.146,00	
5	X.3.14.5.20.5	Red Nipple	ø 2"	Bh	45.474,00	
	X.3.14.5.21.	Red Sock				
1	X.3.14.5.21.1	Red Sock	ø 3/4"	Bh	4.982,00	
2	X.3.14.5.21.2	Red Sock	ø 1"	Bh	6.254,00	
3	X.3.14.5.21.3	Red Sock	ø 1 1/4"	Bh	9.964,00	
4	X.3.14.5.21.4	Red Sock	ø 1 1/2"	Bh	12.402,00	
5	X.3.14.5.21.5	Red Sock	ø 2"	Bh	19.928,00	
6	X.3.14.5.21.6	Red Sock	ø 2 1/2"	Bh	44.838,00	
7	X.3.14.5.21.7	Red Sock	ø 3"	Bh	57.770,00	
8	X.3.14.5.21.8	Red Sock	ø 4"	Bh	123.808,00	
9	X.3.14.5.21.9	Red Sock	ø 5"	Bh	22.154,00	
10	X.3.14.5.21.10	Red Sock	ø 6"	Bh	304.856,00	
	X.3.14.5.22.	Red Tee				
1	X.3.14.5.22.1	Red Tee	ø 3/4"	Bh	11.130,00	
2	X.3.14.5.22.2	Red Tee	ø 1"	Bh	16.218,00	
3	X.3.14.5.22.3	Red Tee	ø 1 1/4"	Bh	29.150,00	
4	X.3.14.5.22.4	Red Tee	ø 1 1/2"	Bh	41.976,00	
5	X.3.14.5.22.5	Red Tee	ø 2"	Bh	58.406,00	
	X.3.14.5.22.6	Red Tee	ø 2 1/2"	Bh	99.216,00	

8	X.3.14.5.22.7 X.3.14.5.22.8 X.3.14.5.22.9 X.3.14.5.22.10 X.3.14.5.23. X.3.14.5.23.1	Red Tee Red Tee Red Tee Red Tee	Ø 3" Ø 4" Ø 5"	Bh Bh	156.456,00 352.768,00	
9 10 10 11 11 12 12 13 14 13 15 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	X.3.14.5.22.9 X.3.14.5.22.10 X.3.14.5.23. X.3.14.5.23.1	Red Tee			352 768 00	
10 X 1 X 2 X 3 X 4 X 5 X 6 X	X.3.14.5.22.10 X.3.14.5.23. X.3.14.5.23.1		ø 5"		332.730,00	
1 2 2 3 3 2 4 2 5 5 6 2 6 2 6 2 6 2 6 2 6 7 6 7 6 7 6 7 6 7	X.3.14.5.23. X.3.14.5.23.1	Red Tee		Bh	534.982,00	
1 2 2 3 3 4 2 5 2 6 2	X.3.14.5.23.1		ø 6"	Bh	855.102,00	
1 2 2 3 3 4 2 5 2 6 2	X.3.14.5.23.1					
2 3 3 4 3 5 5 5 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6 2 6		Round Flens				
3 2 4 2 5 2 6 2	V 0 4 4 F 00 0	Round Flens	ø 1/2"	Bh		
4 2 5 2 6 2	X.3.14.5.23.2	Round Flens	ø 3/4"	Bh	11.130,00	
5 2	X.3.14.5.23.3	Round Flens	ø 1"	Bh	13.780,00	
6	X.3.14.5.23.4	Round Flens	ø 1 1/4"	Bh	18.656,00	
	X.3.14.5.23.5	Round Flens	ø 1 1/2"	Bh	22.366,00	
- ·	X.3.14.5.23.6	Round Flens	ø 2"	Bh	27.348,00	
7	X.3.14.5.23.7	Round Flens	ø 2 1/2"	Bh	46.004,00	
8	X.3.14.5.23.8	Round Flens	ø 3"	Bh	58.618,00	
9	X.3.14.5.23.9	Round Flens	ø 4"	Bh	89.676,00	
10	X.3.14.5.23.10	Round Flens	ø 5"	Bh	147.128,00	
11)	X.3.14.5.23.11	Round Flens	ø 6"	Bh	164.618,00	
	X.3.14.5.24.	Sock				
	X.3.14.5.24.1	Sock	ø 1/2"	Bh	2.544,00	
	X.3.14.5.24.2	Sock	ø 3/4"	Bh	3.710,00	
	X.3.14.5.24.3	Sock	ø 1"	Bh	6.254,00	
	X.3.14.5.24.4	Sock	ø 1 1/4"	Bh	5.194,00	
	X.3.14.5.24.5	Sock	ø 1 1/2"	Bh	11.130,00	
6	X.3.14.5.24.6	Sock	ø 2"	Bh	16.218,00	
	X.3.14.5.24.7	Sock	ø 2 1/2"	Bh	32.436,00	
8 2	X.3.14.5.24.8	Sock	ø 3"	Bh	57.770,00	
9	X.3.14.5.24.9	Sock	Ø 4"	Bh	82.150,00	
10	X.3.14.5.24.10	Sock	ø 5"	Bh	205.534,00	
11)	X.3.14.5.24.11	Sock	ø 6"	Bh	320.650,00	
	X.3.14.5.25.	Tee				
	X.3.14.5.25.1	Tee	ø 1/2"	Bh	4.982,00	
	X.3.14.5.25.2	Tee	ø 3/4"	Bh	6.254,00	
	X.3.14.5.25.3	Tee	ø 1"	Bh	11.130,00	
	X.3.14.5.25.4	Tee	ø 1 1/4"	Bh	14.946,00	
	X.3.14.5.25.5	Tee	ø 1 1/2"	Bh	19.928,00	
	X.3.14.5.25.6	Tee	Ø 2"	Bh	44.838,00	
	X.3.14.5.25.7	Tee	ø 2 1/2"	Bh	77.274,00	
	X.3.14.5.25.8	Tee -	ø 3"	Bh	98.474,00	
	X.3.14.5.25.9	Tee	ø 4"	Bh	164.406,00	
	X.3.14.5.25.10	Tee	ø 5"	Bh	452.302,00	
11)	X.3.14.5.25.11	Tee	ø 6"	Bh	616.814,00	
	V 2 14 F 2/	Union				
	X.3.14.5.26.	Union	1/OII	51	4404400	
	X.3.14.5.26.1	Union	ø 1/2"	Bh	14.946,00	
	X.3.14.5.26.2	Union	Ø 3/4"	Bh	19.928,00	
	X.3.14.5.26.3 X.3.14.5.26.4	Union Union	Ø 1" Ø 1 1/4"	Bh Bh	23.638,00 32.436,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
5	X.3.14.5.26.5	Union	ø 1 1/2"	Bh	42.188,00	
6	X.3.14.5.26.6	Union	ø 2"	Bh	64.766,00	
7	X.3.14.5.26.7	Union	ø 2 1/2"	Bh	98.474,00	
8	X.3.14.5.26.8	Union	ø 3"	Bh	164.406,00	
9	X.3.14.5.26.9	Union	ø 6"	Bh	781.114,00	
	X.3.14.5.27.	Pipa PVC Rubber Ring S-12.5				
	X.3.14.5.27.1	Pipa ø 1/2" dia. 16 mm PVC		M'	6.767,53	` '
	X.3.14.5.27.2	Pipa ø 3/4" dia. 20 mm PVC		M'	10.449,56	· ' '
	X.3.14.5.27.3	Pipa ø 1" dia. 25 mm PVC		M'	11.766,04	VINILON (PVC)
	X.3.14.5.27.4	Pipa ø 1 1/4" dia. 32 mm PVC		M'	17.217,09	VINILON (PVC)
	X.3.14.5.27.5	Pipa ø 1 1/2" dia. 40 mm PVC		M'	26.720,43	, ,
	X.3.14.5.27.6	Pipa ø 2" dia. 50 mm PVC		M'	34.372,47	VINILON (PVC)
	X.3.14.5.27.7	Pipa ø 3" dia. 75 mm PVC		M'	71.748,16	` '
	X.3.14.5.27.8	Pipa ø 4" dia. 100 mm PVC		M'	104.145,91	VINILON (PVC)
	X.3.14.5.27.9	Pipa ø 6" dia. 150 mm PVC		M'	222.464,55	VINILON (PVC)
	X.3.14.5.27.10	Pipa ø 8" dia. 200 mm PVC		M'	346.625,07	VINILON (PVC)
	X.3.14.5.27.11	Pipa ø 10" dia. 250 mm PVC		M'	540.908,72	VINILON (PVC)
	X.3.14.5.27.12	Pipa ø 12" dia. 300 mm PVC		M'	860.916,21	VINILON (PVC)
	X.3.14.5.27.13	Pipa ø 14" dia. 350 mm PVC		M'	1.056.994,38	VINILON (PVC)
	X.3.14.5.27.14	Pipa ø 16" dia. 400 mm PVC		M'	1.346.751,90	VINILON (PVC)
	X.3.14.5.27.15	Pipa ø 18" dia. 450 mm PVC		M'	1.781.567,19	VINILON (PVC)
	X.3.14.5.27.16	Pipa ø 20" dia. 500 mm PVC		M'	2.170.265,05	VINILON (PVC)
17	X.3.14.5.27.17 X.3.14.5.28.	Pipa ø 24" dia. 600 mm PVC Double Socket (SC-SC)		M'	3.484.943,90	VINILON (PVC)
1	X.3.14.5.28.1	Double Socket dia. 20 mm SC-SC		Bh	3.332,34	VINILON (PVC)
2	X.3.14.5.28.2	Double Socket dia. 25 mm SC-SC		Bh	4.072,86	VINILON (PVC)
3	X.3.14.5.28.3	Double Socket dia. 32 mm SC-SC		Bh	5.060,22	VINILON (PVC)
4	X.3.14.5.28.4	Double Socket dia. 40 mm SC-SC		Bh	6.294,42	VINILON (PVC)
5	X.3.14.5.28.5	Double Socket dia. 50 mm SC-SC		Bh	8.022,30	VINILON (PVC)
6	X.3.14.5.28.6	Double Socket dia. 63 mm SC-SC		Bh	18.389,58	VINILON (PVC)
7	X.3.14.5.28.7	Double Socket dia. 90 mm SC-SC		Bh	34.063,92	VINILON (PVC)
8	X.3.14.5.28.8	Double Socket dia. 110 mm SC-SC		Bh	52.083,24	VINILON (PVC)
9	X.3.14.5.28.9	Double Socket dia. 160 mm SC-SC		Bh	107.622,24	VINILON (PVC)
	X.3.14.5.29.	Double Socket (RR)				
1	X.3.14.5.29.1	Double Socket dia. 63 mm (RR)		Bh	30.608,16	VINILON (PVC)
2	X.3.14.5.29.2	Double Socket dia. 90 mm (RR)		Bh	50.725,62	VINILON (PVC)
3	X.3.14.5.29.3	Double Socket dia. 110 mm (RR)		Bh	88.368,72	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.14.5.29.4	Double Socket dia. 160 mm (RR)		Bh	148.350,84	VINILON (PVC)
5	X.3.14.5.29.5	Double Socket dia. 200 mm (RR)		Bh	224.130,72	VINILON (PVC)
6	X.3.14.5.29.6	Double Socket dia. 250 mm (RR)		Bh	432.710,52	VINILON (PVC)
7	X.3.14.5.29.7	Double Socket dia. 315 mm (RR)		Bh	725.587,20	VINILON (PVC)
	X.3.14.5.30.	Cap/ Dop (SC)				
1	X.3.14.5.30.1	Cap/ Dop dia. 20 mm (SC)		Bh	2.468,40	VINILON (PVC)
2	X.3.14.5.30.2	Cap/ Dop dia. 25 mm (SC)		Bh	3.332,34	VINILON (PVC)
	X.3.14.5.30.3	Cap/ Dop dia. 32 mm (SC)		Bh	5.183,64	VINILON (PVC)
	X.3.14.5.30.4	Cap/ Dop dia. 40 mm (SC)		Bh	6.911,52	VINILON (PVC)
-	X.3.14.5.30.5	Cap/ Dop dia. 50 mm (SC)		Bh	10.614,12	VINILON (PVC)
-	X.3.14.5.30.6	Cap/ Dop dia. 63 mm (SC)		Bh	20.857,98	` '
-	X.3.14.5.30.7	Cap/ Dop dia. 90 mm (SC)		Bh	36.779,16	, ,
-	X.3.14.5.30.8	Cap/ Dop dia. 110 mm (SC)		Bh	73.311,48	VINILON (PVC)
-	X.3.14.5.30.9	Cap/ Dop dia. 160 mm (SC)		Bh	171.800,64	VINILON (PVC)
	X.3.14.5.31.	Cap/ Dop (RR)				
1	X.3.14.5.31.1	Cap/ Dop dia. 63 mm (RR)		Bh	42.950,16	VINILON (PVC)
2	X.3.14.5.31.2	Cap/ Dop dia. 90 mm (RR)		Bh	77.631,18	VINILON (PVC)
3	X.3.14.5.31.3	Cap/ Dop dia. 110 mm (RR)		Bh	139.341,18	VINILON (PVC)
4	X.3.14.5.31.4	Cap/ Dop dia. 160 mm (RR)		Bh	231.042,24	VINILON (PVC)
5	X.3.14.5.31.5	Cap/ Dop dia. 200 mm (RR)		Bh	492.692,64	VINILON (PVC)
	X.3.14.5.32.	Flange Spigot				
	X.3.14.5.32.1	Flange Spigot dia. 32 mm		Bh	113.299,56	VINILON (PVC)
-	X.3.14.5.32.2	Flange Spigot dia. 40 mm		Bh	113.669,82	VINILON (PVC)
	X.3.14.5.32.3	Flange Spigot dia. 50 mm		Bh	116.138,22	VINILON (PVC)
-	X.3.14.5.32.4	Flange Spigot dia. 63 mm		Bh	184.019,22	VINILON (PVC)
-	X.3.14.5.32.5	Flange Spigot dia. 90 mm		Bh	254.738,88	VINILON (PVC)
-	X.3.14.5.32.6	Flange Spigot dia. 110 mm		Bh	322.866,72	VINILON (PVC)
-	X.3.14.5.32.7	Flange Spigot dia. 160 mm		Bh	612.452,88	VINILON (PVC)
-	X.3.14.5.32.7	Flange Spigot dia. 200 mm		Bh	953.645,94	VINILON (PVC)
-	X.3.14.5.32.9	Flange Spigot dia. 250 mm		Bh	1.001.739,96	VINILON (PVC)
	X.3.14.5.32.10	Flange Spigot dia. 315 mm		Bh	1.390.122,30	VINILON (PVC)
	X.3.14.5.33.	Flange Socket (SC)				
	X.3.14.5.33.1	Flange Socket dia. 63 mm (SC)		Bh	191.671,26	VINILON (PVC)
2	X.3.14.5.33.2	Flange Socket dia. 90 mm (SC)		Bh	263.995,38	VINILON (PVC)
3	X.3.14.5.33.3	Flange Socket dia. 110 mm (SC)		Bh	340.886,04	VINILON (PVC)
4	X.3.14.5.33.4	Flange Socket dia. 160 mm (SC)		Bh	641.660,58	VINILON (PVC)
5	X.3.14.5.33.5	Flange Socket dia. 200 mm (SC)		Bh	1.005.081,48	VINILON (PVC)
6	X.3.14.5.33.6	Flange Socket dia. 250 mm (SC)		Bh	1.015.225,38	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	X.3.14.5.33.7	Flange Socket dia. 315 mm (SC)		Bh	1.525.603,80	VINILON (PVC)
	X.3.14.5.34.	Flange Socket (RR)				
1	X.3.14.5.34.1	Flange Socket dia. 63 mm (RR)		Bh	197.595,42	VINILON (PVC)
2	X.3.14.5.34.2	Flange Socket dia. 90 mm (RR)		Bh	272.141,10	VINILON (PVC)
3	X.3.14.5.34.3	Flange Socket dia. 110 mm (RR)		Bh	358.905,36	VINILON (PVC)
4	X.3.14.5.34.4	Flange Socket dia. 160 mm (RR)		Bh	662.024,88	VINILON (PVC)
5	X.3.14.5.34.5	Flange Socket dia. 200 mm (RR)		Bh	1.031.336,28	VINILON (PVC)
6	X.3.14.5.34.6	Flange Socket dia. 250 mm (RR)		Bh	1.057.949,10	VINILON (PVC)
7	X.3.14.5.34.7	Flange Socket dia. 315 mm (RR)		Bh	1.582.963,50	VINILON (PVC)
		,				
	X.3.14.5.35.	Bend Double Socket (RR-RR) 1	1 1/4°			
1	X.3.14.5.35.1	Bend Double Socket dia. 63 mm 11 1/4° (RR-RR)		Bh	47.393,28	VINILON (PVC)
2	X.3.14.5.35.2	Bend Double Socket dia. 90 mm 11 1/4° (RR-RR)		Bh	94.909,98	VINILON (PVC)
3	X.3.14.5.35.3	Bend Double Socket dia. 110 mm (RR-RR)		Bh	154.645,26	VINILON (PVC)
4	X.3.14.5.35.4	Bend Double Socket dia. 160 mm (RR-RR)		Bh	350.265,96	VINILON (PVC)
5	X.3.14.5.35.5	Bend Double Socket dia. 200 mm (RR-RR)		Bh	606.247,20	VINILON (PVC)
6	X.3.14.5.35.6	Bend Double Socket dia. 250 mm (RR-RR)		Bh	1.056.397,68	VINILON (PVC)
7	X.3.14.5.35.7	Bend Double Socket dia. 315 mm (RR-RR)		Bh	2.081.957,70	VINILON (PVC)
8	X.3.14.5.35.8	Bend Double Socket dia. 355 mm (RR-RR)		Bh	2.959.596,30	VINILON (PVC)
9	X.3.14.5.35.9	Bend Double Socket dia. 400 mm (RR-RR)			3.682.281,60	VINILON (PVC)
	V 0 4 4 5 6 7	D 10 11 0 1 (75 7-)	0.4/00	51		
	X.3.14.5.36.	Bend Double Socket (RR-RR) 2	ZZ 1/Z*	Bh		
1	X.3.14.5.36.1	Bend Double Socket dia. 63 mm (RR-RR)		Bh	50.972,46	VINILON (PVC)
2	X.3.14.5.36.2	Bend Double Socket dia. 90 mm (RR-RR)		Bh	99.476,52	VINILON (PVC)
3	X.3.14.5.36.3	Bend Double Socket dia. 110 mm (RR-RR)		Bh	164.889,12	VINILON (PVC)
4	X.3.14.5.36.4	Bend Double Socket dia. 160 mm (RR-RR)		Bh	360.509,82	VINILON (PVC)
5	X.3.14.5.36.5	Bend Double Socket dia. 200 mm (RR-RR)		Bh	634.888,80	VINILON (PVC)
6	X.3.14.5.36.6	Bend Double Socket dia. 250 mm (RR-RR)		Bh	1.134.684,72	VINILON (PVC)
7	X.3.14.5.36.7	Bend Double Socket dia. 315 mm (RR-RR)		Bh	2.197.263,60	VINILON (PVC)
8	X.3.14.5.36.8	Bend Double Socket dia. 355 mm (RR-RR)		Bh	2.959.596,30	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
9	X.3.14.5.36.9	Bend Double Socket dia. 400 mm (RR-RR)		Bh	3.682.281,60	VINILON (PVC)
	X.3.14.5.37.	Bend Double Socket (RR-RR) 4	5°			
1	X.3.14.5.37.1	Bend Double Socket dia. 63 mm (RR-RR)		Bh	55.045,32	VINILON (PVC)
2	X.3.14.5.37.2	Bend Double Socket dia. 90 mm (RR-RR)		Bh	113.299,56	VINILON (PVC)
3	X.3.14.5.37.3	Bend Double Socket dia. 110 mm (RR-RR)		Bh	178.465,32	VINILON (PVC)
4	X.3.14.5.37.4	Bend Double Socket dia. 160 mm (RR-RR)		Bh	397.906,08	VINILON (PVC)
5	X.3.14.5.37.5	Bend Double Socket dia. 200 mm (RR-RR)		Bh	715.562,64	VINILON (PVC)
6	X.3.14.5.37.6	Bend Double Socket dia. 250 mm (RR-RR)		Bh	1.254.875,40	VINILON (PVC)
7	X.3.14.5.37.7	Bend Double Socket dia. 315 mm (RR-RR)		Bh	2.533.797,30	VINILON (PVC)
8	X.3.14.5.37.8	Bend Double Socket dia. 355 mm (RR-RR)		Bh	4.139.634,30	VINILON (PVC)
9	X.3.14.5.37.9	Bend Double Socket dia. 400 mm (RR-RR)		Bh	4.757.101,50	VINILON (PVC)
	X.3.14.5.38.	Bend Double Socket (RR-RR) 9	00°			
1	X.3.14.5.38.1	Bend Double Socket dia. 63 mm (RR-RR)		Bh	62.203,68	VINILON (PVC)
2	X.3.14.5.38.2	Bend Double Socket dia. 90 mm (RR-RR)		Bh	127.492,86	VINILON (PVC)
3	X.3.14.5.38.3	Bend Double Socket dia. 110 mm (RR-RR)		Bh	194.139,66	VINILON (PVC)
4	X.3.14.5.38.4	Bend Double Socket dia. 160 mm (RR-RR)		Bh	469.119,42	VINILON (PVC)
5	X.3.14.5.38.5	Bend Double Socket dia. 200 mm (RR-RR)		Bh	843.017,76	VINILON (PVC)
6	X.3.14.5.38.6	Bend Double Socket dia. 250 mm (RR-RR)		Bh	1.602.318,00	VINILON (PVC)
7	X.3.14.5.38.7	Bend Double Socket dia. 315 mm (RR-RR)		Bh	3.642.634,20	VINILON (PVC)
8	X.3.14.5.38.8	Bend Double Socket dia. 355 mm (RR-RR)		Bh	4.139.634,30	VINILON (PVC)
9	X.3.14.5.38.9	Bend Double Socket dia. 400 mm (RR-RR)		Bh	4.757.101,50	VINILON (PVC)
<u> </u>	X.3.14.5.39.	Bend Socket / Spigot (RR-SP)	 11 1/ <i>\</i> /^°			
1	X.3.14.5.39.1	Bend Socket / Spigot (kk-SP) Bend Socket / Spigot dia. 63 mm (RR-SP)	11 1/4	Bh	41.345,70	VINILON (PVC)
2	X.3.14.5.39.2	Bend Socket / Spigot dia. 90 mm (RR-SP)		Bh	83.431,92	VINILON (PVC)
3	X.3.14.5.39.3	Bend Socket / Spigot dia. 110 mm (RR-SP)		Bh	136.379,10	VINILON (PVC)
4	X.3.14.5.39.4	Bend Socket / Spigot dia. 160 mm (RR-SP)		Bh	329.901,66	VINILON (PVC)
5	X.3.14.5.39.5	Bend Socket / Spigot dia. 200 mm (RR-SP)		Bh	600.314,88	VINILON (PVC)
6	X.3.14.5.39.6	Bend Socket / Spigot dia 250 mm (RR-SP)		Bh	1.013.793,30	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	X.3.14.5.39.7	Bend Socket / Spigot dia. 315 mm (RR-SP)		Bh	1.833.281,70	VINILON (PVC)
	X.3.14.5.40.	Bend Socket / Spigot (RR-SP) 22 1	/2°			
1	X.3.14.5.40.1	Bend Socket / Spigot dia. 63 mm (RR-SP)		Bh	43.443,84	VINILON (PVC)
2	X.3.14.5.40.2	Bend Socket / Spigot dia. 90 mm (RR-SP)		Bh	87.998,46	VINILON (PVC)
3	X.3.14.5.40.3	Bend Socket / Spigot dia. 110 mm (RR-SP)		Bh	146.499,54	VINILON (PVC)
4	X.3.14.5.40.4	Bend Socket / Spigot dia. 160 mm (RR-SP)		Bh	339.898,68	VINILON (PVC)
5	X.3.14.5.40.5	Bend Socket / Spigot dia. 200 mm (RR-SP)		Bh	629.195,16	VINILON (PVC)
6	X.3.14.5.40.6	Bend Socket / Spigot dia 250 mm (RR-SP)		Bh	1.092.199,68	VINILON (PVC)
7	X.3.14.5.40.7	Bend Socket / Spigot dia. 315 mm (RR-SP)		Bh	2.013.689,10	VINILON (PVC)
	X.3.14.5.41.	Bend Socket / Spigot (RR-SP) 45°				
1	X.3.14.5.41.1	Bend Socket / Spigot dia. 63 mm (RR-SP)		Bh	47.393,28	VINILON (PVC)
2	X.3.14.5.41.2	Bend Socket / Spigot dia. 90 mm (RR-SP)		Bh	101.204,40	VINILON (PVC)
3	X.3.14.5.41.3	Bend Socket / Spigot dia. 110 mm (RR-SP)		Bh	160.199,16	VINILON (PVC)
4	X.3.14.5.41.4	Bend Socket / Spigot dia. 160 mm (RR-SP)		Bh	366.187,14	VINILON (PVC)
5	X.3.14.5.41.5	Bend Socket / Spigot dia. 200 mm (RR-SP)		Bh	712.627,08	VINILON (PVC)
6	X.3.14.5.41.6	Bend Socket / Spigot dia 250 mm (RR-SP)		Bh	1.212.764,70	VINILON (PVC)
7	X.3.14.5.41.7	Bend Socket / Spigot dia. 315 mm (RR-SP)		Bh	2.353.507,20	VINILON (PVC)
	X.3.14.5.42.	Bend Socket / Spigot (RR-SP) 90°				
		Bend Socket / Spigot dia. 63				
1	X.3.14.5.42.1	mm (RR-SP)		Bh	56.032,68	VINILON (PVC)
2	X.3.14.5.42.2	Bend Socket / Spigot dia. 90 mm (RR-SP)		Bh	115.891,38	VINILON (PVC)
3	X.3.14.5.42.3	Bend Socket / Spigot dia. 110 mm (RR-SP)		Bh	175.503,24	VINILON (PVC)
4	X.3.14.5.42.4	Bend Socket / Spigot dia. 160 mm (RR-SP)		Bh	437.770,74	VINILON (PVC)
5	X.3.14.5.42.5	Bend Socket / Spigot dia. 200 mm (RR-SP)		Bh	827.160,84	VINILON (PVC)
6	X.3.14.5.42.6	Bend Socket / Spigot dia. 250 mm (RR-SP)		Bh	1.560.324,60	VINILON (PVC)
7	X.3.14.5.42.7	Bend Socket / Spigot dia. 315 mm (RR-SP)		Bh	3.421.406,40	VINILON (PVC)
	V 2 14 E 42	Dand Double Seeket (CO COCO) 4	1 1/40			
1	X.3.14.5.43. X.3.14.5.43.1	Bend Double Socket (SC-SC/SP) 1 Bend Double Socket dia. 63 mm	1 1/4	Bh	33.693,66	VINILON (PVC)
2	X.3.14.5.43.2	(SC-SC/SP) Bend Double Socket dia. 90 mm (SC-SC/SP)		Bh	71.707,02	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
3	X.3.14.5.43.3	Bend Double Socket dia. 110 mm (SC-SC/SP)		Bh	112.805,88	VINILON (PVC)
4	X.3.14.5.43.4	Bend Double Socket dia. 160 mm (SC-SC/SP)		Bh	298.429,56	VINILON (PVC)
	X.3.14.5.44.	Bend Double Socket (SC-SC/SI	P) 22 1/2°			
1	X.3.14.5.44.1	Bend Double Socket dia. 63 mm (SC-SC/SP)		Bh	35.421,54	VINILON (PVC)
2	X.3.14.5.44.2	Bend Double Socket dia. 90 mm (SC-SC/SP)		Bh	75.903,30	VINILON (PVC)
3	X.3.14.5.44.3	Bend Double Socket dia. 110 mm (SC-SC/SP)		Bh	122.679,48	VINILON (PVC)
4	X.3.14.5.44.4	Bend Double Socket dia. 160 mm (SC-SC/SP)		Bh	308.796,84	VINILON (PVC)
	X.3.14.5.45.	Bend Double Socket (SC-SC/SI	P) 45°			
1	X.3.14.5.45.1	Bend Double Socket dia. 63 mm (SC-SC/SP)		Bh	41.715,96	VINILON (PVC)
2	X.3.14.5.45.2	Bend Double Socket dia. 90 mm (SC-SC/SP)		Bh	89.973,18	VINILON (PVC)
3	X.3.14.5.45.3	Bend Double Socket dia. 110 mm (SC-SC/SP)		Bh	136.379,10	VINILON (PVC)
4	X.3.14.5.45.4	Bend Double Socket dia. 160 mm (SC-SC/SP)		Bh	334.715,04	VINILON (PVC)
	X.3.14.5.46.	Bend Double Socket (SC-SC/SI	P) 90°			
1	X.3.14.5.46.1	Bend Double Socket dia. 63 mm (SC-SC/SP)		Bh	48.380,64	VINILON (PVC)
2	X.3.14.5.46.2	Bend Double Socket dia. 90 mm (SC-SC/SP)		Bh	104.166,48	VINILON (PVC)
3	X.3.14.5.46.3	Bend Double Socket dia. 110 mm (SC-SC/SP)		Bh	152.300,28	VINILON (PVC)
4	X.3.14.5.46.4	Bend Double Socket dia. 160 mm (SC-SC/SP)		Bh	406.175,22	VINILON (PVC)
	X.3.14.5.47.	Faucet Tee				
1	X.3.14.5.47.1	Faucet Tee dia. 20 x 1/2" mm		Bh	6.911,52	VINILON (PVC)
	X.3.14.5.47.2	Faucet Tee dia. 25 x 3/4" mm		Bh	12.218,58	VINILON (PVC)
	X.3.14.5.48.	Faucet Knee				
1	X.3.14.5.48.1	Faucet Knee dia. 20 x 1/2" mm		Bh	3.455,76	VINILON (PVC)
2	X.3.14.5.48.2	Faucet Knee dia. 25 x 3/4" mm		Bh	6.047,58	VINILON (PVC)
	X.3.14.5.49.	Valve Socket				
1	X.3.14.5.49.1	Valve Socket dia. 20 x 1/2" mm		Bh	3.455,76	VINILON (PVC)
2	X.3.14.5.49.2	Valve Socket dia. 25 x 3/4" mm		Bh	5.183,64	VINILON (PVC)
3	X.3.14.5.49.3	Valve Socket dia. 32 x 1" mm		Bh	5.800,74	VINILON (PVC)
4	X.3.14.5.49.4	Valve Socket dia. 40 x 1 1/4" mm		Bh	10.860,96	VINILON (PVC)
5	X.3.14.5.49.5	Valve Socket dia. 50 x 1 1/2" mm		Bh	14.193,30	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
6	X.3.14.5.49.6	Valve Socket dia. 63 x 2" mm		Bh	32.336,04	VINILON (PVC)
7	X.3.14.5.49.7	Valve Socket dia. 90 x 3" mm		Bh	83.802,18	VINILON (PVC)
8	X.3.14.5.49.8	Valve Socket dia. 110 x 4" mm		Bh	201.421,44	VINILON (PVC)
	X.3.14.5.50.	Faucet Socket				
1	X.3.14.5.50.1	Faucet Socket dia. 20 x 1/2" mm		Bh	3.455,76	VINILON (PVC)
2	X.3.14.5.50.2	Faucet Socket dia. 25 x 3/4" mm		Bh	5.183,64	VINILON (PVC)
3	X.3.14.5.50.3	Faucet Socket dia. 32 x 1" mm		Bh	5.800,74	VINILON (PVC)
4	X.3.14.5.50.4	Faucet dia. 40 x 1 1/4" mm		Bh	10.860,96	VINILON (PVC)
	X.3.14.5.51.	Clamp Sadle				
1	X.3.14.5.51.1	Clamp Sadle dia. 50 mm		Bh	50.355,36	VINILON (PVC)
2	X.3.14.5.51.2	Clamp Sadle dia. 63 mm		Bh	63.931,56	VINILON (PVC)
3	X.3.14.5.51.3	Clamp Sadle dia. 90 mm		Bh	103.549,38	VINILON (PVC)
4	X.3.14.5.51.4	Clamp Sadle dia. 110 mm		Bh	115.027,44	VINILON (PVC)
5	X.3.14.5.51.5	Clamp Sadle dia. 160 mm		Bh	191.177,58	VINILON (PVC)
	X.3.14.5.52.	Knee SCJ				
1	X.3.14.5.52.1	Knee SCJ dia. 20 mm		Bh	2.715,24	VINILON (PVC)
2	X.3.14.5.52.2	Knee SCJ dia. 25 mm		Bh	3.579,18	, ,
3	X.3.14.5.52.3	Knee SCJ dia. 32 mm		Bh	5.060,22	` ′
4	X.3.14.5.52.4	Knee SCJ dia. 40 mm		Bh	9.997,02	VINILON (PVC)
5	X.3.14.5.52.5	Knee SCJ dia. 50 mm		Bh	15.057,24	` ′
6	X.3.14.5.52.6	Knee SCJ dia. 63 mm		Bh	35.298,12	VINILON (PVC)
7	X.3.14.5.52.7	Knee SCJ dia. 90 mm		Bh	113.299,56	VINILON (PVC)
8	X.3.14.5.52.8	Knee SCJ dia. 110 mm		Bh	163.531,50	VINILON (PVC)
	X.3.14.5.53.	Repair Socket (RR)				
1	X.3.14.5.53.1	Repair Socket dia. 63 mm (RR)		Bh	37.149,42	VINILON (PVC)
2	X.3.14.5.53.2	Repair Socket dia. 90 mm (RR)		Bh	52.083,24	VINILON (PVC)
3	X.3.14.5.53.3	Repair Socket dia. 110 mm (RR)		Bh	89.602,92	VINILON (PVC)
4	X.3.14.5.53.4	Repair Socket dia. 160 mm (RR)		Bh	146.129,28	VINILON (PVC)
5	X.3.14.5.53.5	Repair Socket dia. 200 mm (RR)		Bh	242.767,14	VINILON (PVC)
6	X.3.14.5.53.6	Repair Socket dia. 250 mm (RR)		Bh	446.533,56	VINILON (PVC)
7	X.3.14.5.53.7	Repair Socket dia. 315 mm (RR)		Bh	769.400,28	VINILON (PVC)
	X.3.14.5.54.	Reducer (SC/SC)				
1	X.3.14.5.54.1	Reducer dia. 25 x 20 mm (SC/SC)		Bh	9.997,02	VINILON (PVC)
2	X.3.14.5.54.2	Reducer dia. 32 x 25 mm (SC/SC)		Bh	16.661,70	VINILON (PVC)
3	X.3.14.5.54.3	Reducer dia. 32 x 20 mm (SC/SC)		Bh	12.095,16	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.14.5.54.4	Reducer dia. 40 x 32 mm (SC/SC)		Bh	13.452,78	VINILON (PVC)
5	X.3.14.5.54.5	Reducer dia. 40 x 25 mm (SC/SC)		Bh	14.686,98	VINILON (PVC)
6	X.3.14.5.54.6	Reducer dia. 50 x 40 mm (SC/SC)		Bh	14.810,40	VINILON (PVC)
7	X.3.14.5.54.7	Reducer dia. 50 x 32 mm (SC/SC)		Bh	18.759,84	VINILON (PVC)
8	X.3.14.5.54.8	Reducer dia. 63 x 50 mm (SC/SC)		Bh	23.326,38	VINILON (PVC)
9	X.3.14.5.54.9	Reducer dia. 90 x 63 mm (SC/SC)		Bh	35.544,96	VINILON (PVC)
10	X.3.14.5.54.10	Reducer dia. 90 x 50 mm (SC/SC)		Bh	33.693,66	VINILON (PVC)
11	X.3.14.5.54.11	Reducer dia. 110 x 63 mm (SC/SC)		Bh	50.355,36	VINILON (PVC)
12	X.3.14.5.54.12	Reducer dia. 110 x 90 mm (SC/SC)		Bh	60.105,54	VINILON (PVC)
13	X.3.14.5.54.13	Reducer dia. 160 x 90 mm (SC/SC)		Bh	125.024,46	VINILON (PVC)
14	X.3.14.5.54.14	Reducer dia. 160 x 110 mm (SC/SC)		Bh	144.154,56	VINILON (PVC)
	X.3.14.5.55.	Reducer All Socket (RR)				
1	X.3.14.5.55.1	Reducer All Socket dia. 90 x 63 mm (RR)		Bh	86.147,16	VINILON (PVC)
2	X.3.14.5.55.2	Reducer All Socket dia. 110 x 63 mm (RR)		Bh	130.331,52	VINILON (PVC)
3	X.3.14.5.55.3	Reducer All Socket dia. 110 x 90 mm (RR)		Bh	146.129,28	VINILON (PVC)
4	X.3.14.5.55.4	Reducer All Socket dia. 160 x 90 mm (RR)		Bh	225.241,50	VINILON (PVC)
5	X.3.14.5.55.5	Reducer All Socket dia. 160 x 110 mm (RR)		Bh	258.564,90	VINILON (PVC)
6	X.3.14.5.55.6	Reducer All Socket dia. 200 x 160 mm (RR)		Bh	581.184,78	VINILON (PVC)
7	X.3.14.5.55.7	Reducer All Socket dia. 250 x 200 mm (RR)		Bh	887.636,64	VINILON (PVC)
8	X.3.14.5.55.8	Reducer All Socket dia. 315 x 250 mm (RR)		Bh	1.455.492,06	VINILON (PVC)
	X.3.14.5.56.	Tee SCJ (Solvent Cement) Tee SCJ dia. 20 x 20 mm				
1	X.3.14.5.56.1	(Solvent Cement) Tee SCJ dia. 25 x 25 mm		Bh	4.072,86	VINILON (PVC)
2	X.3.14.5.56.2	(Solvent Cement) Tee SCJ dia. 32 x 32 mm		Bh	5.183,64	VINILON (PVC)
3	X.3.14.5.56.3	(Solvent Cement)		Bh	6.911,52	VINILON (PVC)
4	X.3.14.5.56.4	Tee SCJ dia. 40 x 40 mm (Solvent Cement)		Bh	16.538,28	VINILON (PVC)
5	X.3.14.5.56.5	Tee SCJ dia. 50 x 50 mm (Solvent Cement)		Bh	20.364,30	VINILON (PVC)
6	X.3.14.5.56.6	Tee SCJ dia. 63 x 63 mm (Solvent Cement)		Bh	48.380,64	VINILON (PVC)
7	X.3.14.5.56.7	Tee SCJ dia. 90 x 90 mm (Solvent Cement)		Bh	100.587,30	VINILON (PVC)
8	X.3.14.5.56.8	Tee SCJ dia. 110 x 110 mm (Solvent Cement)		Bh	151.066,08	VINILON (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.57.	Tee RRJ (Rubber Ring)				
1	X.3.14.5.57.1	Tee RRJ dia. 63 x 63 mm (Rubber Ring)		Bh	194.139,66	VINILON (PVC)
2	X.3.14.5.57.2	Tee RRJ dia. 90 x 63 mm (Rubber Ring)		Bh	256.713,60	VINILON (PVC)
3	X.3.14.5.57.3	Tee RRJ dia. 90 x 90 mm (Rubber Ring)		Bh	263.871,96	VINILON (PVC)
4	X.3.14.5.57.4	Tee RRJ dia. 110 x 63 mm (Rubber Ring)		Bh	449.125,38	VINILON (PVC)
5	X.3.14.5.57.5	Tee RRJ dia. 110 x 90 mm (Rubber Ring)		Bh	454.679,28	VINILON (PVC)
6	X.3.14.5.57.6	Tee RRJ dia. 110 x 110 mm (Rubber Ring)		Bh	462.207,90	VINILON (PVC)
7	X.3.14.5.57.7	Tee RRJ dia. 160 x 90 mm (Rubber Ring)		Bh	1.169.054,64	VINILON (PVC)
8	X.3.14.5.57.8	Tee RRJ dia. 160 x 110 mm (Rubber Ring)		Bh	1.176.453,72	VINILON (PVC)
9	X.3.14.5.57.9	Tee RRJ dia. 160 x 160 mm (Rubber Ring)		Bh	1.189.939,14	VINILON (PVC)
10	X.3.14.5.57.10	Tee RRJ dia. 200 x 110 mm (Rubber Ring)		Bh	2.247.585,30	VINILON (PVC)
11	X.3.14.5.57.11	Tee RRJ dia. 200 x 160 mm (Rubber Ring)		Bh	2.307.642,90	VINILON (PVC)
12	X.3.14.5.57.12	Tee RRJ dia. 200 x 200 mm (Rubber Ring)		Bh	2.411.922,60	VINILON (PVC)
13	X.3.14.5.57.13	Tee RRJ dia. 250 x 250 mm (Rubber Ring)		Bh	3.287.684,40	VINILON (PVC)
	X.3.14.5.58.	Long Elbow 45° (Bend 45°) S5	-SDR 11 (PN 16) dan S 6,3 - SDR 13,6 (PN 12,5)		
1	X.3.14.5.58.1	Long Elbow ø 2" 45°		Bh	188.462,34	VINILON (HDPE)
2	X.3.14.5.58.2	Long Elbow ø 2 1/2" 45°		Bh	237.460,08	VINILON (HDPE)
3	X.3.14.5.58.3	Long Elbow ø 3" 45°		Bh	318.423,60	VINILON (HDPE)
4	X.3.14.5.58.4	Long Elbow ø 4" 45°		Bh	458.011,62	VINILON (HDPE)
5	X.3.14.5.58.5	Long Elbow ø 5" 45°		Bh	563.288,88	VINILON (HDPE)
6	X.3.14.5.58.6	Long Elbow ø 6" 45°		Bh	848.149,38	VINILON (HDPE)
7	X.3.14.5.58.7	Long Elbow ø 7" 45°		Bh	1.005.678,18	VINILON (HDPE)
8	X.3.14.5.58.8	Long Elbow ø 8" 45°		Bh	1.049.356,62	VINILON (HDPE)
9	X.3.14.5.58.9	Long Elbow ø 9" 45°		Bh	1.089.216,18	VINILON (HDPE)
10	X.3.14.5.58.10	Long Elbow ø 10" 45°		Bh	1.454.520,00	VINILON (HDPE)
11	X.3.14.5.58.11	Long Elbow ø 11" 45°		Bh	1.711.289,70	VINILON (HDPE)
12	X.3.14.5.58.12	Long Elbow ø 12" 45°		Bh	1.832.695,20	VINILON (HDPE)
13	X.3.14.5.58.13	Long Elbow ø 14" 45°		Bh	2.443.828,20	VINILON (HDPE)
14	X.3.14.5.58.14	Long Elbow ø 16" 45°		Bh	2.618.253,30	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.59.	Long Elbow 90° (Bend 90°) S5-	SDR 11 (PN 16) dan S 6,3 - SDR 13,6 (PN 12,5)		
1	X.3.14.5.59.1	Long Elbow ø 2" 90°		Bh	274.239,24	VINILON (HDPE)
2	X.3.14.5.59.2	Long Elbow ø 2 1/2" 90°		Bh	367.421,34	VINILON (HDPE)
3	X.3.14.5.59.3	Long Elbow ø 3" 90°		Bh	458.381,88	VINILON (HDPE)
4	X.3.14.5.59.4	Long Elbow ø 4" 90°		Bh	563.288,88	VINILON (HDPE)
5	X.3.14.5.59.5	Long Elbow ø 5" 90°		Bh	710.311,68	VINILON (HDPE)
6	X.3.14.5.59.6	Long Elbow ø 6" 90°		Bh	1.107.117,18	VINILON (HDPE)
7	X.3.14.5.59.7	Long Elbow ø 7" 90°		Bh	1.183.972,14	VINILON (HDPE)
8	X.3.14.5.59.8	Long Elbow Ø 8" 90°		Bh	1.326.663,00	VINILON (HDPE)
9	X.3.14.5.59.9	Long Elbow Ø 9" 90°		Bh	1.442.907,30	VINILON (HDPE)
10	X.3.14.5.59.10	Long Elbow ø 10" 90°		Bh	2.111.869,20	VINILON (HDPE)
11	X.3.14.5.59.11	Long Elbow ø 11" 90°		Bh	2.187.762,30	VINILON (HDPE)
12	X.3.14.5.59.12	Long Elbow ø 12" 90°		Bh	2.734.614,90	VINILON (HDPE)
13	X.3.14.5.59.13	Long Elbow ø 14" 90°		Bh	3.374.721,00	VINILON (HDPE)
14	X.3.14.5.59.14	Long Elbow ø 16" 90°		Bh	3.607.444,20	VINILON (HDPE)
	X.3.14.5.60.	Tee S5 - SDR 11 (PN 16) dan S	6.3 - SDR 13.6 (PN 12.5)			
1	X.3.14.5.60.1	Tee ø 2"	9,6 9211 19,6 (11 12,19)	Bh	394.820,58	VINILON
	X.3.14.5.60.2	Tee ø 2 1/2"		Bh	474.056,22	(HDPE) VINILON
3	X.3.14.5.60.3	Tee ø 3"		Bh	543.911,94	(HDPE) VINILON (HDPE)
4	X.3.14.5.60.4	Tee ø 4"		Bh	636.723,78	VINILON (HDPE)
5	X.3.14.5.60.5	Tee ø 5"		Bh	852.445,62	VINILON (HDPE)
6	X.3.14.5.60.6	Tee ø 6"		Bh	947.201,58	VINILON (HDPE)
7	X.3.14.5.60.7	Tee ø 7"		Bh	1.112.964,84	VINILON (HDPE)
8	X.3.14.5.60.8	Tee ø 8"		Bh	1.187.076,00	VINILON (HDPE)
9	X.3.14.5.60.9	Tee ø 9"		Bh	1.512.935,40	VINILON (HDPE)
10	X.3.14.5.60.10	Tee ø 10"		Bh	1.708.357,20	VINILON (HDPE)
11	X.3.14.5.60.11	Tee ø 11"		Bh	2.031.870,60	VINILON (HDPE)
12	X.3.14.5.60.12	Tee ø 12"		Bh	2.116.209,30	VINILON (HDPE)
13	X.3.14.5.60.13	Tee ø 14"		Bh	5.697.378,30	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
14	X.3.14.5.60.14	Tee ø 16"		Bh	9.258.371,70	VINILON (HDPE)
	X.3.14.5.61.	Stub Flange S5 - SDR 11 (PN 1	l6) dan S 6,3 - SDR 13,6 (PN 12,5)			
1	X.3.14.5.61.1	Stub Flange ø 2"		Bh	199.076,46	VINILON (HDPE)
2	X.3.14.5.61.2	Stub Flange ø 2 1/2"		Bh	271.524,00	VINILON (HDPE)
3	X.3.14.5.61.3	Stub Flange ø 3"		Bh	290.777,52	VINILON (HDPE)
4	X.3.14.5.61.4	Stub Flange ø 4"		Bh	359.275,62	VINILON (HDPE)
5	X.3.14.5.61.5	Stub Flange ø 5"		Bh	468.996,00	VINILON (HDPE)
6	X.3.14.5.61.6	Stub Flange ø 6"		Bh	612.572,22	VINILON (HDPE)
7	X.3.14.5.61.7	Stub Flange ø 7"		Bh	896.362,74	VINILON (HDPE)
8	X.3.14.5.61.8	Stub Flange ø 8"		Bh	959.970,96	VINILON (HDPE)
9	X.3.14.5.61.9	Stub Flange ø 9"		Bh	1.251.473,70	VINILON (HDPE)
10	X.3.14.5.61.10	Stub Flange ø 10"		Bh	1.389.183,90	VINILON (HDPE)
11	X.3.14.5.61.11	Stub Flange ø 11"		Bh	1.841.023,50	VINILON (HDPE)
12	X.3.14.5.61.12	Stub Flange ø 12"		Bh	1.985.771,70	VINILON (HDPE)
13	X.3.14.5.61.13	Stub Flange ø 14"		Bh	2.896.137,00	VINILON (HDPE)
14	X.3.14.5.61.14	Stub Flange ø 16"		Bh	3.787.265,10	VINILON (HDPE)
15	X.3.14.5.61.15	Stub Flange ø 18"		Bh	4.899.269,10	VINILON (HDPE)
16	X.3.14.5.61.16	Stub Flange ø 20"		Bh	5.743.359,90	VINILON (HDPE)
17	X.3.14.5.61.17	Stub Flange ø 22"		Bh	7.405.149,00	VINILON (HDPE)
18	X.3.14.5.61.18	Stub Flange ø 24"		Bh	7.450.778,70	VINILON (HDPE)
19	X.3.14.5.61.19	Stub Flange ø 28"		Bh	14.138.520,90	VINILON (HDPE)
20	X.3.14.5.61.20	Stub Flange ø 32"		Bh	19.041.660,90	VINILON (HDPE)
	X.3.14.5.62.	Reducer S5 - SDR 11 (PN 16) d	an S 6,3 - SDR 13,6 (PN 12,5)			
1	X.3.14.5.62.1	Reducer uk. 63 x 50 mm		Bh	79.392,26	VINILON (HDPE)
2	X.3.14.5.62.2	Reducer uk. 75 x 50 mm		Bh	111.204,01	VINILON (HDPE)
3	X.3.14.5.62.3	Reducer uk. 75 x 63 mm		Bh	111.204,01	VINILON (HDPE)
4	X.3.14.5.62.4	Reducer uk. 90 x 63 mm		Bh	153.711,09	VINILON (HDPE)
5	X.3.14.5.62.5	Reducer uk. 90 x 75 mm		Bh	153.711,09	VINILON (HDPE)
6	X.3.14.5.62.6	Reducer uk. 110 x 63 mm		Bh	203.485,52	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	X.3.14.5.62.7	Reducer uk. 110 x 75 mm		Bh	203.485,52	VINILON (HDPE)
8	X.3.14.5.62.8	Reducer uk. 110 x 90 mm		Bh	203.485,52	VINILON (HDPE)
9	X.3.14.5.62.9	Reducer uk. 125 x 90 mm		Bh	288.362,56	VINILON (HDPE)
10	X.3.14.5.62.10	Reducer uk. 125 x 110 mm		Bh	288.362,56	VINILON (HDPE)
11	X.3.14.5.62.11	Reducer uk. 160 x 63 mm		Bh	541.485,38	VINILON (HDPE)
12	X.3.14.5.62.12	Reducer uk. 160 x 75 mm		Bh	541.485,38	VINILON (HDPE)
13	X.3.14.5.62.13	Reducer uk. 160 x 90 mm		Bh	541.485,38	VINILON (HDPE)
14	X.3.14.5.62.14	Reducer uk. 160 x 110 mm		Bh	541.485,38	VINILON (HDPE)
15	X.3.14.5.62.15	Reducer uk. 160 x 125 mm		Bh	541.485,38	VINILON (HDPE)
16	X.3.14.5.62.16	Reducer uk. 180 x 160 mm		Bh	604.065,19	VINILON (HDPE)
17	X.3.14.5.62.17	Reducer uk. 200 x 110 mm		Bh	763.699,62	VINILON (HDPE)
18	X.3.14.5.62.18	Reducer uk. 200 x 160 mm		Bh	763.699,62	VINILON (HDPE)
19	X.3.14.5.62.19	Reducer uk. 200 x 180 mm		Bh	763.699,62	VINILON (HDPE)
20	X.3.14.5.62.20	Reducer uk. 225 x 180 mm		Bh	1.081.377,45	VINILON (HDPE)
21	X.3.14.5.62.21	Reducer uk. 225 x 200 mm		Bh	1.081.377,45	VINILON (HDPE)
22	X.3.14.5.62.22	Reducer uk. 250 x 160 mm		Bh	1.410.326,29	VINILON (HDPE)
23	X.3.14.5.62.23	Reducer uk. 250 x 200 mm		Bh	1.410.326,29	VINILON (HDPE)
24	X.3.14.5.62.24	Reducer uk. 250 x 225 mm		Bh	1.410.326,29	VINILON (HDPE)
25	X.3.14.5.62.25	Reducer uk. 315 x 200 mm		Bh	2.266.660,98	VINILON (HDPE)
26	X.3.14.5.62.26	Reducer uk. 315 x 225 mm		Bh	2.266.660,98	VINILON (HDPE)
27	X.3.14.5.62.27	Reducer uk. 315 x 250 mm		Bh	2.266.660,98	VINILON (HDPE)
	X.3.14.5.63.	Long Elbow 45° (Bend 45°) S8	- SDR 17 (PN 10) dan S 10 - SDR 21 (P	PN 8)		
1	X.3.14.5.63.1	Long Elbow ø 2" 45°		Bh	155.219,41	VINILON (HDPE)
2	X.3.14.5.63.2	Long Elbow ø 2 1/2" 45°		Bh	195.669,70	VINILON (HDPE)
3	X.3.14.5.63.3	Long Elbow ø 3" 45°		Bh	262.172,71	VINILON (HDPE)
4	X.3.14.5.63.4	Long Elbow ø 4" 45°		Bh	377.078,96	VINILON (HDPE)
5	X.3.14.5.63.5	Long Elbow ø 5" 45°		Bh	463.875,67	VINILON (HDPE)
6	X.3.14.5.63.6	Long Elbow ø 6" 45°		Bh	722.209,04	VINILON (HDPE)
7	X.3.14.5.63.7	Long Elbow ø 7" 45°		Bh	856.449,15	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
8	X.3.14.5.63.8	Long Elbow ø 8" 45°		Bh	893.745,68	VINILON (HDPE)
9	X.3.14.5.63.9	Long Elbow ø 9" 45°		Bh	927.477,11	VINILON (HDPE)
10	X.3.14.5.63.10	Long Elbow ø 10" 45°		Bh	1.197.773,88	VINILON (HDPE)
11	X.3.14.5.63.11	Long Elbow ø 11" 45°		Bh	1.409.153,40	VINILON (HDPE)
12	X.3.14.5.63.12	Long Elbow ø 12" 45°		Bh	1.509.109,07	VINILON (HDPE)
13	X.3.14.5.63.13	Long Elbow ø 14" 45°		Bh	2.012.406,07	VINILON (HDPE)
14	X.3.14.5.63.14	Long Elbow ø 16" 45°		Bh	2.155.888,72	VINILON (HDPE)
15	X.3.14.5.63.15	Long Elbow ø 18" 45°		Bh	2.803.059,33	VINILON (HDPE)
16	X.3.14.5.63.16	Long Elbow ø 20" 45°		Bh	3.449.708,66	VINILON (HDPE) VINILON
17	X.3.14.5.63.17	Long Elbow ø 24" 45°		Bh	6.209.371,33	(HDPE)
	X.3.14.5.64.	Long Elbow 90° (Bend 90°) S8-	SDR 17 (PN 16) dan S 10 - SDR 21 (PN	l 8)		
1	X.3.14.5.64.1	Long Elbow ø 2" 90°		Bh	225.836,01	VINILON (HDPE)
2	X.3.14.5.64.2	Long Elbow ø 2 1/2" 90°		Bh	302.623,00	VINILON (HDPE)
3	X.3.14.5.64.3	Long Elbow ø 3" 90°		Bh	377.490,31	VINILON (HDPE)
4	X.3.14.5.64.4	Long Elbow ø 4" 90°		Bh	463.875,67	VINILON (HDPE)
5	X.3.14.5.64.5	Long Elbow ø 5" 90°		Bh	604.971,76	VINILON (HDPE)
6	X.3.14.5.64.6	Long Elbow ø 6" 90°		Bh	942.834,51	VINILON (HDPE)
7	X.3.14.5.64.7	Long Elbow ø 7" 90°		Bh	1.008.240,57	VINILON (HDPE) VINILON
8	X.3.14.5.64.8	Long Elbow Ø 8" 90°		Bh	1.149.473,77	(HDPE) VINILON
9	X.3.14.5.64.9	Long Elbow Ø 9" 90°		Bh	1.188.260,50	(HDPE) VINILON
10	X.3.14.5.64.10	Long Elbow Ø 10" 90°		Bh	1.739.254,72	(HDPE) VINILON
11	X.3.14.5.64.11	Long Elbow Ø 11" 90°		Bh	1.801.417,51	(HDPE) VINILON
12	X.3.14.5.64.12	Long Elbow Ø 12" 90°		Bh	2.251.934,78	(HDPE) VINILON
	X.3.14.5.64.13	Long Elbow ø 14" 90°		Bh	2.778.950,08	(HDPE) VINILON
	X.3.14.5.64.14	Long Elbow ø 16" 90°		Bh	2.970.520,92	(HDPE) VINILON
	X.3.14.5.64.15	Long Elbow ø 18" 90°		Bh	3.861.651,13	(HDPE) VINILON
	X.3.14.5.64.16	Long Elbow ø 20" 90°		Bh	4.752.911,66	(HDPE) VINILON
17	X.3.14.5.64.17	Long Elbow Ø 24" 90°		Bh	8.555.136,73	(HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.65.	Tee S8 - SDR 17 (PN 10) dan S	10 - SDR 21 (PN 8)			
1	X.3.14.5.65.1	Tee ø 2"	10 ODK 21 (FILO)	Bh	325.110,62	VINILON (HDPE)
2	X.3.14.5.65.2	Tee ø 2 1/2"		Bh	390.379,56	VINILON (HDPE)
3	X.3.14.5.65.3	Tee ø 3"		Bh	447.832,68	VINILON (HDPE)
4	X.3.14.5.65.4	Tee ø 4"		Bh	524.208,31	VINILON (HDPE)
5	X.3.14.5.65.5	Tee ø 5"		Bh	725.911,27	VINILON (HDPE)
6	X.3.14.5.65.6	Tee ø 6"		Bh	806.537,60	VINILON (HDPE)
7	X.3.14.5.65.7	Tee ø 7"		Bh	947.770,81	VINILON (HDPE)
8	X.3.14.5.65.8	Tee ø 8"		Bh	1.028.534,27	VINILON (HDPE)
9	X.3.14.5.65.9	Tee ø 9"		Bh	1.245.862,07	VINILON (HDPE)
10	X.3.14.5.65.10	Tee ø 10"		Bh	1.406.677,32	VINILON (HDPE)
11	X.3.14.5.65.11	Tee ø 11"		Bh	1.694.163,90	VINILON (HDPE)
12	X.3.14.5.65.12	Tee ø 12"		Bh	4.691.530,80	VINILON (HDPE)
13	X.3.14.5.65.13	Tee ø 14"		Bh	7.200.326,90	VINILON (HDPE)
14	X.3.14.5.65.14	Tee ø 16"		Bh	9.360.516,19	VINILON (HDPE)
15	X.3.14.5.65.15	Tee ø 18"		Bh	11.520.444,84	VINILON (HDPE)
16	X.3.14.5.65.16	Tee ø 20"		Bh	18.244.842,00	VINILON (HDPE)
17	X.3.14.5.65.17	Tee ø 24"		Bh	20.736.696,46	VINILON (HDPE)
18	X.3.14.5.65.18	Tee ø 28"		Bh	49.521.714,00	VINILON (HDPE)
19	X.3.14.5.65.19	Tee ø 32"		Bh	54.155.382,59	VINILON (HDPE)
	X.3.14.5.66.	Stub Flange S8 - SDR 17 (PN 1	0) dan S 10 - SDP 21 (PM 8)			
1	X.3.14.5.66.1	Stub Flange ø 2"	o, uai 3 10 - 35 K 21 (1 N 0)	Bh	184.288,77	VINILON (HDPE)
2	X.3.14.5.66.2	Stub Flange ø 2 1/2"		Bh	251.340,26	VINILON (HDPE)
3	X.3.14.5.66.3	Stub Flange ø 3"		Bh	269.165,81	VINILON (HDPE)
4	X.3.14.5.66.4	Stub Flange ø 4"		Bh	332.652,20	VINILON (HDPE)
5	X.3.14.5.66.5	Stub Flange ø 5"		Bh	434.257,84	VINILON (HDPE)
6	X.3.14.5.66.6	Stub Flange ø 6"		Bh	586.597,73	VINILON (HDPE)
7	X.3.14.5.66.7	Stub Flange ø 7"		Bh	858.231,70	VINILON (HDPE)
8	X.3.14.5.66.8	Stub Flange ø 8"		Bh	919.112,81	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
9	X.3.14.5.66.9	Stub Flange ø 9"		Bh	1.195.957,33	VINILON (HDPE)
10	X.3.14.5.66.10	Stub Flange ø 10"		Bh	1.276.747,98	VINILON (HDPE)
11	X.3.14.5.66.11	Stub Flange ø 11"		Bh	1.677.222,26	VINILON (HDPE)
12	X.3.14.5.66.12	Stub Flange ø 12"		Bh	1.836.473,67	VINILON (HDPE)
13	X.3.14.5.66.13	Stub Flange ø 14"		Bh	2.674.042,24	VINILON (HDPE)
14	X.3.14.5.66.14	Stub Flange ø 16"		Bh	3.535.589,74	VINILON (HDPE)
15	X.3.14.5.66.15	Stub Flange ø 18"		Bh	4.546.744,95	VINILON (HDPE)
16	X.3.14.5.66.16	Stub Flange ø 20"		Bh	5.251.517,13	VINILON (HDPE)
17	X.3.14.5.66.17	Stub Flange ø 22"		Bh	6.634.345,83	VINILON (HDPE)
18	X.3.14.5.66.18	Stub Flange ø 24"		Bh	6.685.040,43	VINILON (HDPE)
19	X.3.14.5.66.19	Stub Flange ø 28"		Bh	12.976.774,19	VINILON (HDPE)
20	X.3.14.5.66.20	Stub Flange ø 32"		Bh	17.339.897,84	VINILON (HDPE)
	X.3.14.5.67.	Reducer S8 - SDR 17 (PN 10) d	an S 10 - SDR 21 (PN 8)			
1	X.3.14.5.67.1	Reducer uk. 63 x 50 mm		Bh	65.406,06	VINILON (HDPE)
2	X.3.14.5.67.2	Reducer uk. 75 x 50 mm		Bh	91.595,91	VINILON (HDPE)
3	X.3.14.5.67.3	Reducer uk. 75 x 63 mm		Bh	91.595,91	VINILON (HDPE)
4	X.3.14.5.67.4	Reducer uk. 90 x 63 mm		Bh	126.561,41	VINILON (HDPE)
5	X.3.14.5.67.5	Reducer uk. 90 x 75 mm		Bh	126.561,41	VINILON (HDPE)
6	X.3.14.5.67.6	Reducer uk. 110 x 63 mm		Bh	167.560,18	VINILON (HDPE)
7	X.3.14.5.67.7	Reducer uk. 110 x 75 mm		Bh	167.560,18	VINILON (HDPE)
8	X.3.14.5.67.8	Reducer uk. 110 x 90 mm		Bh	167.560,18	VINILON (HDPE)
9	X.3.14.5.67.9	Reducer uk. 125 x 90 mm		Bh	237.491,18	VINILON (HDPE)
10	X.3.14.5.67.10	Reducer uk. 125 x 110 mm		Bh	237.491,18	VINILON (HDPE)
11	X.3.14.5.67.11	Reducer uk. 160 x 63 mm		Bh	445.913,00	VINILON (HDPE)
12	X.3.14.5.67.12	Reducer uk. 160 x 75 mm		Bh	445.913,00	VINILON (HDPE)
13	X.3.14.5.67.13	Reducer uk. 160 x 90 mm		Bh	445.913,00	VINILON (HDPE)
14	X.3.14.5.67.14	Reducer uk. 160 x 110 mm		Bh	445.913,00	VINILON (HDPE)
15	X.3.14.5.67.15	Reducer uk. 160 x 125 mm		Bh	445.913,00	VINILON (HDPE)
16	X.3.14.5.67.16	Reducer uk. 180 x 160 mm		Bh	514.335,69	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
17	X.3.14.5.67.17	Reducer uk. 200 x 110 mm		Bh	650.358,36	VINILON (HDPE)
18	X.3.14.5.67.18	Reducer uk. 200 x 160 mm		Bh	650.358,36	VINILON (HDPE)
19	X.3.14.5.67.19	Reducer uk. 200 x 180 mm		Bh	650.358,36	VINILON (HDPE)
20	X.3.14.5.67.20	Reducer uk. 225 x 160 mm		Bh	921.032,49	VINILON (HDPE)
21	X.3.14.5.67.21	Reducer uk. 225 x 180 mm		Bh	921.032,49	VINILON (HDPE)
22	X.3.14.5.67.22	Reducer uk. 225 x 200 mm		Bh	921.032,49	VINILON (HDPE)
23	X.3.14.5.67.23	Reducer uk. 250 x 110 mm		Bh	1.257.981,86	VINILON (HDPE)
24	X.3.14.5.67.24	Reducer uk. 250 x 160 mm		Bh	1.161.414,51	VINILON (HDPE)
25	X.3.14.5.67.25	Reducer uk. 250 x 200 mm		Bh	1.161.414,51	VINILON (HDPE)
26	X.3.14.5.67.26	Reducer uk. 250 x 225 mm		Bh	1.161.414,51	VINILON (HDPE)
27	X.3.14.5.67.27	Reducer uk. 315 x 200 mm		Bh	1.866.707,98	VINILON (HDPE)
28	X.3.14.5.67.28	Reducer uk. 315 x 225 mm		Bh	1.866.707,98	VINILON (HDPE)
29	X.3.14.5.67.29	Reducer uk. 315 x 250 mm		Bh	1.873.875,59	VINILON (HDPE)
30	X.3.14.5.67.30	Reducer uk. 355 x 200 mm		Bh	1.873.875,59	VINILON (HDPE)
31	X.3.14.5.67.31	Reducer uk. 355 x 250 mm		Bh	1.873.875,59	VINILON (HDPE)
32	X.3.14.5.67.32	Reducer uk. 400 x 200 mm		Bh	2.299.762,33	VINILON (HDPE)
33	X.3.14.5.67.33	Reducer uk. 400 x 250 mm		Bh	2.299.762,33	VINILON (HDPE)
34	X.3.14.5.67.34	Reducer uk. 400 x 315 mm		Bh	2.299.762,33	VINILON (HDPE)
35	X.3.14.5.67.35	Reducer uk. 400 x 355 mm		Bh	2.299.762,33	VINILON (HDPE)
36	X.3.14.5.67.36	Reducer uk. 450 x 200 mm		Bh	3.032.292,74	VINILON (HDPE)
37	X.3.14.5.67.37	Reducer uk. 450 x 250 mm		Bh	3.032.292,74	VINILON (HDPE)
38	X.3.14.5.67.38	Reducer uk. 450 x 315 mm		Bh	3.032.292,74	VINILON (HDPE)
39	X.3.14.5.67.39	Reducer uk. 450 x 355 mm		Bh	3.032.292,74	VINILON (HDPE)
40	X.3.14.5.67.40	Reducer uk. 450 x 400 mm		Bh	3.032.292,74	VINILON (HDPE)
41	X.3.14.5.67.41	Reducer uk. 500 x 315 mm		Bh	3.530.376,93	VINILON (HDPE)
42	X.3.14.5.67.42	Reducer uk. 500 x 400 mm		Bh	5.634.789,13	VINILON (HDPE)
43	X.3.14.5.67.43	Reducer uk. 500 x 450 mm		Bh	5.634.789,13	VINILON (HDPE)
44	X.3.14.5.67.44	Reducer uk. 630 x 500 mm		Bh	10.116.504,25	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.68.	Pipa Steel Sc.40				
1	X.3.14.5.68.1	Pipa ø 2" Sc.40		M'	873.591,44	STEEL SC.40
2	X.3.14.5.68.2	Pipa ø 3" Sc.40		M'	1.890.830,25	STEEL SC.41
3	X.3.14.5.68.3	Pipa ø 4" Sc.40		M'	2.600.478,83	STEEL SC.42
4	X.3.14.5.68.4	Pipa ø 6" Sc.40		M'	3.126.045,00	STEEL SC.43
5	X.3.14.5.68.5	Pipa ø 8" Sc.40		M'	6.814.507,14	STEEL SC.44
	X.3.14.5.68.6	Pipa ø 10" Sc.40		M'	11.122.527,93	STEEL SC.45
7 8	X.3.14.5.68.7 X.3.14.5.68.8	Pipa ø 12" Sc.40 Pipa ø 3/4" Sc.40		M' M'	11.935.275,00	STEEL SC.46 STEEL SC.47
0	Λ.3.14.3.00.0	Pipa 10 3/4 3C.40		IVI	010.107,11	31EEL 30.47
	X.3.14.5.69.	Pipa HDPE PE 100 (MRS 100) S	5 12,5 - SDR 26 (PN 6,3)			
1	X.3.14.5.69.1	Pipa ø 1 1/4" dia. 40 mm PE		M'	15.083,16	VINILON (HDPE)
2	X.3.14.5.69.2	Pipa ø 1 1/2" dia. 50 mm PE		M'	23.447,46	VINILON (HDPE)
3	X.3.14.5.69.3	Pipa ø 2" dia. 63 mm PE		M'	35.513,98	VINILON (HDPE)
4	X.3.14.5.69.4	Pipa ø 2 1/2" dia. 75 mm PE		M'	50.597,14	VINILON (HDPE) VINILON
5	X.3.14.5.69.5	Pipa ø 3" dia. 90 mm PE		M'	73.907,48	(HDPE) VINILON
	X.3.14.5.69.6	Pipa ø 4" dia. 110 mm PE		M'	110.107,05	(HDPE) VINILON
	X.3.14.5.69.7	Pipa ø 5" dia. 125 mm PE		M'	139.587,77	(HDPE) VINILON
	X.3.14.5.69.8	Pipa ø 6" dia. 160 mm PE		M'	230.772,32	(HDPE) VINILON
	X.3.14.5.69.9	Pipa ø 7" dia. 180 mm PE		M'	287.402,72	(HDPE) VINILON
10	X.3.14.5.69.10	Pipa ø 8" dia. 200 mm PE		M'	355.962,53	(HDPE)
11	X.3.14.5.69.11	Pipa ø 9" dia. 225 mm PE		M'	447.284,20	VINILON (HDPE)
12	X.3.14.5.69.12	Pipa ø 10" dia. 250 mm PE		M'	554.374,62	VINILON (HDPE)
13	X.3.14.5.69.13	Pipa ø 12" dia. 315 mm PE		M'	880.170,84	VINILON (HDPE) VINILON
	X.3.14.5.69.14	Pipa ø 14" dia. 355 mm PE		M'	1.112.451,48	(HDPE) VINILON
	X.3.14.5.69.15	Pipa ø 16" dia. 400 mm PE		M'	1.341.126,21	(HDPE) VINILON
	X.3.14.5.69.16	Pipa ø 18" dia. 450 mm PE		M'	1.967.184,93	(HDPE) VINILON
	X.3.14.5.69.17	Pipa ø 20" dia. 500 mm PE		M'	2.426.173,03	(HDPE) VINILON
	X.3.14.5.69.18	Pipa ø 22" dia. 560 mm PE		M'	3.041.415,16	(HDPE) VINILON
	X.3.14.5.69.19	Pipa ø 24" dia. 630 mm PE		M'	3.853.701,59	(HDPE) VINILON
	X.3.14.5.69.20	Pipa Ø 28" dia. 710 mm PE		M,	4.898.088,48	(HDPE) VINILON
	X.3.14.5.69.21	Pipa ø 32" dia. 800 mm PE		M'	6.203.376,60	(HDPE) VINILON
22	X.3.14.5.69.22	Pipa ø 36" dia. 900 mm PE		M'	8.387.414,51	(HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
23	X.3.14.5.69.23	Pipa ø 40" dia. 1000 mm PE		M'	10.348.995,66	VINILON (HDPE)
24	X.3.14.5.69.24	Pipa ø 48" dia. 1200 mm PE		M'	14.900.432,14	VINILON (HDPE)
	X.3.14.5.70.	Pipa HDPE PE 100 (MRS 100) S	5 4 - SDR 9 (PN 20)			
1	X.3.14.5.70.1	Pipa ø 1/2" dia. 20 mm PE		M'	9.872,61	VINILON (HDPE)
2	X.3.14.5.70.2	Pipa ø 3/4" dia. 25 mm PE		M'	15.083,16	VINILON (HDPE)
3	X.3.14.5.70.3	Pipa ø 1 dia. 32 mm PE		M'	24.955,77	VINILON (HDPE)
4	X.3.14.5.70.4	Pipa ø 1 1/4" dia. 40 mm PE		M'	38.530,61	VINILON (HDPE)
5	X.3.14.5.70.5	Pipa ø 1 1/2" dia. 50 mm PE		M'	59.647,03	VINILON (HDPE)
6	X.3.14.5.70.6	Pipa ø 2" dia. 63 mm PE		M'	95.023,90	VINILON (HDPE)
7	X.3.14.5.70.7	Pipa ø 2 1/2" dia. 75 mm PE		M'	134.240,11	VINILON (HDPE)
8	X.3.14.5.70.8	Pipa ø 3" dia. 90 mm PE		M'	193.064,42	VINILON (HDPE)
9	X.3.14.5.70.9	Pipa ø 4" dia. 110 mm PE		M'	287.402,72	VINILON (HDPE)
10	X.3.14.5.70.10	Pipa ø 5" dia. 125 mm PE		M'	370.360,09	VINILON (HDPE)
11	X.3.14.5.70.11	Pipa ø 6" dia. 160 mm PE		M'	605.657,36	VINILON (HDPE)
12	X.3.14.5.70.12	Pipa ø 7" dia. 180 mm PE		M'	767.047,15	VINILON (HDPE)
13	X.3.14.5.70.13	Pipa ø 8" dia. 200 mm PE		M'	948.045,05	VINILON (HDPE)
14	X.3.14.5.70.14	Pipa ø 9" dia. 225 mm PE		M'	1.196.094,45	VINILON (HDPE)
15	X.3.14.5.70.15	Pipa ø 10" dia. 250 mm PE		M'	1.401.334,19	VINILON (HDPE)
16	X.3.14.5.70.16	Pipa ø 12" dia. 315 mm PE		M'	2.228.477,13	VINILON (HDPE)
17	X.3.14.5.70.17	Pipa ø 14" dia. 355 mm PE		M'	2.824.040,90	VINILON (HDPE)
18	X.3.14.5.70.18	Pipa ø 16" dia. 400 mm PE		M'	3.590.324,27	VINILON (HDPE)
19	X.3.14.5.70.19	Pipa ø 18" dia. 450 mm PE		M'	5.264.679,48	VINILON (HDPE)
20	X.3.14.5.70.20	Pipa ø 20" dia. 500 mm PE		M'	6.497.770,16	VINILON (HDPE)
	X.3.14.5.71.	Pipa HDPE PE 100 (MRS 100) S	5 10 - SDR 21 (PN 8)			
1	X.3.14.5.71.1	Pipa ø 1 1/2" dia. 50 mm PE	• •	M'	27.892,92	VINILON (HDPE)
2	X.3.14.5.71.2	Pipa ø 2" dia. 63 mm PE		M'	43.690,68	VINILON (HDPE)
3	X.3.14.5.71.3	Pipa ø 2 1/2" dia. 75 mm PE		M'	62.573,94	VINILON (HDPE)
4	X.3.14.5.71.4	Pipa ø 3" dia. 90 mm PE		M'	89.726,34	VINILON (HDPE)
5	X.3.14.5.71.5	Pipa ø 4" dia. 110 mm PE		M'	134.280,96	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
6	X.3.14.5.71.6	Pipa ø 5" dia. 125 mm PE		M'	171.183,54	VINILON (HDPE)
7	X.3.14.5.71.7	Pipa ø 6" dia. 160 mm PE		M'	282.138,12	VINILON (HDPE)
8	X.3.14.5.71.8	Pipa ø 7" dia. 180 mm PE		M'	353.968,56	VINILON (HDPE)
9	X.3.14.5.71.9	Pipa ø 8" dia. 200 mm PE		M'	439.004,94	VINILON (HDPE)
10	X.3.14.5.71.10	Pipa ø 9" dia. 225 mm PE		M'	554.402,64	VINILON (HDPE)
11	X.3.14.5.71.11	Pipa ø 10" dia. 250 mm PE		M'	678.069,48	VINILON (HDPE)
12	X.3.14.5.71.12	Pipa ø 12" dia. 315 mm PE		M'	1.076.345,82	VINILON (HDPE)
13	X.3.14.5.71.13	Pipa ø 14" dia. 355 mm PE		M'	1.298.159,10	VINILON (HDPE)
14	X.3.14.5.71.14	Pipa ø 16" dia. 400 mm PE		M'	1.655.924,10	VINILON (HDPE)
15	X.3.14.5.71.15	Pipa ø 18" dia. 450 mm PE		M'	2.428.931,10	VINILON (HDPE)
16	X.3.14.5.71.16	Pipa ø 20" dia. 500 mm PE		M'	2.996.780,40	VINILON (HDPE)
17	X.3.14.5.71.17	Pipa ø 22" dia. 560 mm PE		M'	3.751.019,40	VINILON (HDPE)
18	X.3.14.5.71.18	Pipa ø 24" dia. 630 mm PE		M'	4.737.981,60	VINILON (HDPE)
19	X.3.14.5.71.19	Pipa ø 28" dia. 710 mm PE		M'	6.032.739,00	VINILON (HDPE)
20	X.3.14.5.71.20	Pipa ø 32" dia. 800 mm PE		M'	8.174.050,50	VINILON (HDPE)
21	X.3.14.5.71.21	Pipa ø 36" dia. 900 mm PE		M'	10.342.927,50	VINILON (HDPE)
22	X.3.14.5.71.22	Pipa ø 40" dia. 1000 mm PE		M'	12.778.427,40	VINILON (HDPE)
23	X.3.14.5.71.23	Pipa ø 48" dia. 1200 mm PE		M'	18.386.305,80	VINILON (HDPE)
	X.3.14.5.72.	Pipa HDPE PE 100 (MRS 100) S	S 8 - SDR 17 (PN 10)			
1	X.3.14.5.72.1	Pipa ø 1 1/2" dia. 50 mm PE		M'	33.940,50	VINILON (HDPE)
2	X.3.14.5.72.2	Pipa ø 2" dia. 63 mm PE		M'	54.304,80	VINILON (HDPE)*
3	X.3.14.5.72.3	Pipa ø 2 1/2" dia. 75 mm PE		M'	76.890,66	VINILON (HDPE)
4	X.3.14.5.72.4	Pipa ø 3" dia. 90 mm PE		M'	110.090,64	VINILON (HDPE)
5	X.3.14.5.72.5	Pipa ø 4" dia. 110 mm PE		M'	164.395,44	VINILON (HDPE)*
6	X.3.14.5.72.6	Pipa ø 5" dia. 125 mm PE		M'	209.690,58	VINILON (HDPE)*
7	X.3.14.5.72.7	Pipa ø 6" dia. 160 mm PE		M'	343.231,02	VINILON (HDPE)*
8	X.3.14.5.72.8	Pipa ø 7" dia. 180 mm PE		M'	433.697,88	VINILON (HDPE)
9	X.3.14.5.72.9	Pipa ø 8" dia. 200 mm PE		M'	535.519,38	VINILON (HDPE)*
10	X.3.14.5.72.10	Pipa ø 9" dia. 225 mm PE		M'	679.550,52	VINILON (HDPE)*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
11	X.3.14.5.72.11	Pipa ø 10" dia. 250 mm PE		M'	832.714,74	VINILON (HDPE)*
12	X.3.14.5.72.12	Pipa ø 12" dia. 315 mm PE		M'	1.258.746,30	VINILON (HDPE)*
13	X.3.14.5.72.13	Pipa ø 14" dia. 355 mm PE		M'	1.602.083,40	VINILON (HDPE)
14	X.3.14.5.72.14	Pipa ø 16" dia. 400 mm PE		M'	2.023.425,00	VINILON (HDPE)*
15	X.3.14.5.72.15	Pipa ø 18" dia. 450 mm PE		M'	2.974.728,00	VINILON (HDPE)*
16	X.3.14.5.72.16	Pipa ø 20" dia. 500 mm PE		M'	3.665.390,40	VINILON (HDPE)*
17	X.3.14.5.72.17	Pipa ø 22" dia. 560 mm PE		M'	4.605.784,50	VINILON (HDPE)
18	X.3.14.5.72.18	Pipa ø 24" dia. 630 mm PE		M'	5.819.018,40	VINILON (HDPE)
19	X.3.14.5.72.19	Pipa ø 28" dia. 710 mm PE		M'	7.401.395,40	VINILON (HDPE)*
20	X.3.14.5.72.20	Pipa ø 32" dia. 800 mm PE		M'	10.031.847,90	VINILON (HDPE)*
21	X.3.14.5.72.21	Pipa ø 36" dia. 900 mm PE		M'	12.733.149,60	VINILON (HDPE)*
22	X.3.14.5.72.22	Pipa ø 40" dia. 1000 mm PE		M'	15.684.183,00	VINILON (HDPE)*
	X.3.14.5.73.	Pipa HDPE PE 100 (MRS 100) S	6 6.3 - SDR 13.6 (PN 12.5)			
1	X.3.14.5.73.1	Pipa ø 1 1/2" dia. 50 mm PE	, ,	M'	41.469,12	VINILON (HDPE)
2	X.3.14.5.73.2	Pipa ø 2" dia. 63 mm PE		M'	66.399,96	VINILON (HDPE)
3	X.3.14.5.73.3	Pipa ø 2 1/2" dia. 75 mm PE		M'	92.071,32	VINILON (HDPE)
4	X.3.14.5.73.4	Pipa ø 3" dia. 90 mm PE		M'	131.935,98	VINILON (HDPE)
5	X.3.14.5.73.5	Pipa ø 4" dia. 110 mm PE		M'	198.335,94	VINILON (HDPE)
6	X.3.14.5.73.6	Pipa ø 5" dia. 125 mm PE		M'	255.726,24	VINILON (HDPE)
7	X.3.14.5.73.7	Pipa ø 6" dia. 160 mm PE		M'	418.640,64	VINILON (HDPE)
8	X.3.14.5.73.8	Pipa ø 7" dia. 180 mm PE		M'	530.952,84	VINILON (HDPE)
9	X.3.14.5.73.9	Pipa ø 8" dia. 200 mm PE		M'	650.917,08	VINILON (HDPE)
10	X.3.14.5.73.10	Pipa ø 9" dia. 225 mm PE		M'	826.667,16	VINILON (HDPE)
11	X.3.14.5.73.11	Pipa ø 10" dia. 250 mm PE		M'	1.018.215,00	VINILON (HDPE)
12	X.3.14.5.73.12	Pipa ø 12" dia. 315 mm PE		M'	1.536.864,60	VINILON (HDPE)
13	X.3.14.5.73.13	Pipa ø 14" dia. 355 mm PE		M'	1.948.353,00	VINILON (HDPE)
14	X.3.14.5.73.14	Pipa ø 16" dia. 400 mm PE		M'	2.471.628,30	VINILON (HDPE)
15	X.3.14.5.73.15	Pipa ø 18" dia. 450 mm PE		M'	3.631.256,10	VINILON (HDPE)
16	X.3.14.5.73.16	Pipa ø 20" dia. 500 mm PE		M'	4.481.094,60	VINILON (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
17	X.3.14.5.73.17	Pipa ø 22" dia. 560 mm PE		M'	5.621.954,40	VINILON (HDPE)
18	X.3.14.5.73.18	Pipa ø 24" dia. 630 mm PE		M'	7.105.447,50	VINILON (HDPE)
19	X.3.14.5.73.19	Pipa ø 28" dia. 710 mm PE		M'	9.027.056,10	VINILON (HDPE)
	X.3.14.5.74.	Pipa HDPE PE 100 (MRS 100) S	5 5 - SDR 11 (PN 16)			
1	X.3.14.5.74.1	Pipa ø 1/2" dia. 20 mm PE		M'	9.750,18	VINILON (HDPE)
2	X.3.14.5.74.2	Pipa ø 3/4" dia. 25 mm PE		M'	12.835,68	VINILON (HDPE)
3	X.3.14.5.74.3	Pipa ø 1 dia. 32 mm PE		M'	20.364,30	VINILON (HDPE)
4	X.3.14.5.74.4	Pipa ø 1 1/4" dia. 40 mm PE		M'	32.459,46	VINILON (HDPE)
5	X.3.14.5.74.5	Pipa ø 1 1/2" dia. 50 mm PE		M'	50.478,78	VINILON (HDPE)
6	X.3.14.5.74.6	Pipa ø 2" dia. 63 mm PE		M'	79.976,16	VINILON (HDPE)
7	X.3.14.5.74.7	Pipa ø 2 1/2" dia. 75 mm PE		M'	110.831,16	VINILON (HDPE)
8	X.3.14.5.74.8	Pipa ø 3" dia. 90 mm PE		M'	161.433,36	VINILON (HDPE)
9	X.3.14.5.74.9	Pipa ø 4" dia. 110 mm PE		M'	239.064,54	VINILON (HDPE)
10	X.3.14.5.74.10	Pipa ø 5" dia. 125 mm PE		M'	310.031,04	VINILON (HDPE)
11	X.3.14.5.74.11	Pipa ø 6" dia. 160 mm PE		M'	506.885,94	VINILON (HDPE)
12	X.3.14.5.74.12	Pipa ø 7" dia. 180 mm PE		M'	641.043,48	VINILON (HDPE)
13	X.3.14.5.74.13	Pipa ø 8" dia. 200 mm PE		M'	790.381,68	VINILON (HDPE)
14	X.3.14.5.74.14	Pipa ø 9" dia. 225 mm PE		M'	1.000.072,26	VINILON (HDPE)
15	X.3.14.5.74.15	Pipa ø 10" dia. 250 mm PE		M'	1.230.127,14	VINILON (HDPE)
16	X.3.14.5.74.16	Pipa ø 12" dia. 315 mm PE		M'	1.855.920,60	VINILON (HDPE)
17	X.3.14.5.74.17	Pipa ø 14" dia. 355 mm PE		M'	2.355.501,30	VINILON (HDPE)
18	X.3.14.5.74.18	Pipa ø 16" dia. 400 mm PE		M'	2.990.680,80	VINILON (HDPE)
19	X.3.14.5.74.19	Pipa ø 18" dia. 450 mm PE		M'	4.393.002,30	VINILON (HDPE)
20	X.3.14.5.74.20	Pipa ø 20" dia. 500 mm PE		M'	5.420.667,60	VINILON (HDPE)
21	X.3.14.5.74.21	Pipa ø 22" dia. 560 mm PE		M'	6.791.083,50	VINILON (HDPE)
22	X.3.14.5.74.22	Pipa ø 24" dia. 630 mm PE		M'	8.603.837,70	VINILON (HDPE)
	X.3.14.5.75.	Pipa PE 100 (PN 6,3)				
1	X.3.14.5.75.1	Pipa ø 1 1/4" dia. 40 mm PE		M'	19.549,73	INDOPIPE (HDPE)
2	X.3.14.5.75.2	Pipa ø 1 1/2" dia. 50 mm PE		M'	30.311,95	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
3	X.3.14.5.75.3	Pipa ø 2" dia. 63 mm PE		M'	45.949,27	INDOPIPE (HDPE)
4	X.3.14.5.75.4	Pipa ø 2 1/2" dia. 75 mm PE		M'	65.498,99	INDOPIPE (HDPE)
5	X.3.14.5.75.5	Pipa ø 3" dia. 90 mm PE		M'	94.823,59	INDOPIPE (HDPE)
6	X.3.14.5.75.6	Pipa ø 4" dia. 110 mm PE		M'	142.722,89	INDOPIPE (HDPE)
7	X.3.14.5.75.7	Pipa ø 5" dia. 125 mm PE		M'	179.859,97	INDOPIPE (HDPE)
8	X.3.14.5.75.8	Pipa ø 6" dia. 160 mm PE		M'	298.133,35	INDOPIPE (HDPE)
9	X.3.14.5.75.9	Pipa ø 7" dia. 180 mm PE		M'	371.444,83	INDOPIPE (HDPE)
10	X.3.14.5.75.10	Pipa ø 8" dia. 200 mm PE		M'	460.405,97	INDOPIPE (HDPE)
11	X.3.14.5.75.11	Pipa ø 9" dia. 225 mm PE		M'	578.679,35	INDOPIPE (HDPE)
12	X.3.14.5.75.12	Pipa ø 10" dia. 250 mm PE		M'	716.502,47	INDOPIPE (HDPE)
13	X.3.14.5.75.13	Pipa ø 12" dia. 315 mm PE		M'	1.139.759,02	INDOPIPE (HDPE)
14	X.3.14.5.75.14	Pipa ø 14" dia. 355 mm PE		M'	1.368.445,26	INDOPIPE (HDPE)
15	X.3.14.5.75.15	Pipa ø 16" dia. 400 mm PE		M'	1.735.406,58	INDOPIPE (HDPE)
16	X.3.14.5.75.16	Pipa ø 18" dia. 450 mm PE		M'	2.193.416,16	INDOPIPE (HDPE)
17	X.3.14.5.75.17	Pipa ø 20" dia. 500 mm PE		M'	2.706.228,30	INDOPIPE (HDPE)
18	X.3.14.5.75.18	Pipa ø 22" dia. 560 mm PE		M'	3.391.846,80	INDOPIPE (HDPE)
19	X.3.14.5.75.19	Pipa ø 24" dia. 630 mm PE		M'	4.298.564,07	INDOPIPE (HDPE)
20	X.3.14.5.75.20	Pipa ø 28" dia. 710 mm PE		M'	5.463.552,48	INDOPIPE (HDPE)
21	X.3.14.5.75.21	Pipa ø 32" dia. 800 mm PE		M'	6.919.315,86	INDOPIPE (HDPE)
22	X.3.14.5.75.22	Pipa ø 36" dia. 900 mm PE		M'	8.768.057,70	INDOPIPE (HDPE)
23	X.3.14.5.75.23	Pipa ø 40" dia. 1000 mm PE		M'	10.823.036,40	INDOPIPE (HDPE)
24	X.3.14.5.75.24	Pipa ø 48" dia. 1200 mm PE		M'	16.775.870,64	INDOPIPE (HDPE)
	X.3.14.5.76.	Pipa PE 100 (PN 8)				
1	X.3.14.5.76.1	Pipa ø 1" dia. 32 mm PE		M'	15.649,66	INDOPIPE (HDPE)
2	X.3.14.5.76.2	Pipa ø 1 1/4" dia. 40 mm PE		M'	22.487,12	INDOPIPE (HDPE)
3	X.3.14.5.76.3	Pipa ø 1 1/2" dia. 50 mm PE		M'	36.174,40	INDOPIPE (HDPE)
4	X.3.14.5.76.4	Pipa ø 2" dia. 63 mm PE		M'	55.724,13	INDOPIPE (HDPE)
5	X.3.14.5.76.5	Pipa ø 2 1/2" dia. 75 mm PE		M'	79.186,27	INDOPIPE (HDPE)
6	X.3.14.5.76.6	Pipa ø 3" dia. 90 mm PE		M'	114.373,31	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	X.3.14.5.76.7	Pipa ø 4" dia. 110 mm PE		M'	171.060,12	INDOPIPE (HDPE)
8	X.3.14.5.76.8	Pipa ø 5" dia. 125 mm PE		M'	218.959,42	INDOPIPE (HDPE)
9	X.3.14.5.76.9	Pipa ø 6" dia. 160 mm PE		M'	359.719,93	INDOPIPE (HDPE)
10	X.3.14.5.76.10	Pipa ø 7" dia. 180 mm PE		M'	452.581,14	INDOPIPE (HDPE)
11	X.3.14.5.76.11	Pipa ø 8" dia. 200 mm PE		M'	560.104,64	INDOPIPE (HDPE)
12	X.3.14.5.76.12	Pipa ø 9" dia. 225 mm PE		M'	707.702,62	INDOPIPE (HDPE)
13	X.3.14.5.76.13	Pipa ø 10" dia. 250 mm PE		M'	867.037,84	INDOPIPE (HDPE)
14	X.3.14.5.76.14	Pipa ø 12" dia. 315 mm PE		M'	1.307.132,55	INDOPIPE (HDPE)
15	X.3.14.5.76.15	Pipa ø 14" dia. 355 mm PE		M'	1.659.231,96	INDOPIPE (HDPE)
16	X.3.14.5.76.16	Pipa ø 16" dia. 400 mm PE		M'	2.115.376,47	INDOPIPE (HDPE)
17	X.3.14.5.76.17	Pipa ø 18" dia. 450 mm PE		M'	2.675.566,08	(HDPE)
18	X.3.14.5.76.18	Pipa ø 20" dia. 500 mm PE		M'	3.300.798,54	(HDPE)
19	X.3.14.5.76.19	Pipa ø 22" dia. 560 mm PE		M'	4.131.341,19	(HDPE)
20	X.3.14.5.76.20	Pipa ø 24" dia. 630 mm PE		M'	5.218.289,91	(HDPE)
21	X.3.14.5.76.21	Pipa ø 28" dia. 710 mm PE		M'	6.644.329,47	(HDPE)
22	X.3.14.5.76.22	Pipa ø 32" dia. 800 mm PE		M'	8.421.530,04	(HDPE)
23	X.3.14.5.76.23	Pipa ø 36" dia. 900 mm PE		M'	10.718.064,63	(HDPE)
24	X.3.14.5.76.24	Pipa ø 40" dia. 1000 mm PE		M'	13.229.187,84	(HDPE)
25	X.3.14.5.76.25	Pipa ø 48" dia. 1200 mm PE		M'	20.692.599,75	INDOPIPE (HDPE)
	X.3.14.5.77.	Pipa PE 100 (PN 10)				
1	X.3.14.5.77.1	Pipa ø 3/4" dia. 25 mm PE		M'	11.737,24	INDOPIPE (HDPE)
2	X.3.14.5.77.2	Pipa ø 1" dia. 40 mm PE		M'	17.599,69	INDOPIPE (HDPE)
3	X.3.14.5.77.3	Pipa ø 1 1/4" dia. 40 mm PE		M'	28.349,57	INDOPIPE (HDPE)
4	X.3.14.5.77.4	Pipa ø 1 1/2" dia. 50 mm PE		M'	43.986,89	INDOPIPE (HDPE)
5	X.3.14.5.77.5	Pipa ø 2" dia. 63 mm PE		M'	69.411,41	INDOPIPE (HDPE)
6	X.3.14.5.77.6	Pipa ø 2 1/2" dia. 75 mm PE		M'	97.748,64	INDOPIPE (HDPE)
7	X.3.14.5.77.7	Pipa ø 3" dia. 90 mm PE		M'	140.760,51	INDOPIPE (HDPE)
8	X.3.14.5.77.8	Pipa ø 4" dia. 110 mm PE		M'	209.184,56	INDOPIPE (HDPE)
9	X.3.14.5.77.9	Pipa ø 5" dia. 125 mm PE		M'	267.833,74	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.14.5.77.10	Pipa ø 6" dia. 160 mm PE		M'	437.918,84	INDOPIPE (HDPE)*
11	X.3.14.5.77.11	Pipa ø 7" dia. 180 mm PE		M'	554.242,19	INDOPIPE (HDPE)
12	X.3.14.5.77.12	Pipa ø 8" dia. 200 mm PE		M'	684.240,48	INDOPIPE (HDPE)*
13	X.3.14.5.77.13	Pipa ø 9" dia. 225 mm PE		M'	868.012,86	INDOPIPE (HDPE)
14	X.3.14.5.77.14	Pipa ø 10" dia. 250 mm PE		M'	1.063.510,14	INDOPIPE (HDPE)
15	X.3.14.5.77.15	Pipa ø 12" dia. 315 mm PE		M'	1.608.136,08	INDOPIPE (HDPE)
16	X.3.14.5.77.16	Pipa ø 14" dia. 355 mm PE		M'	2.046.626,94	INDOPIPE (HDPE)
17	X.3.14.5.77.17	Pipa ø 16" dia. 400 mm PE		M'	2.586.382,89	INDOPIPE (HDPE)
18	X.3.14.5.77.18	Pipa ø 18" dia. 450 mm PE		M'	3.276.646,47	INDOPIPE (HDPE)
19	X.3.14.5.77.19	Pipa ø 20" dia. 500 mm PE		M'	4.036.574,52	INDOPIPE (HDPE)
20	X.3.14.5.77.20	Pipa ø 22" dia. 560 mm PE		M'	5.072.427,36	INDOPIPE (HDPE)
21	X.3.14.5.77.21	Pipa ø 24" dia. 630 mm PE		M'	6.409.283,73	INDOPIPE (HDPE)
22	X.3.14.5.77.22	Pipa ø 28" dia. 710 mm PE		M'	8.151.188,73	INDOPIPE (HDPE)
23	X.3.14.5.77.23	Pipa ø 32" dia. 800 mm PE		M'	10.365.038,55	INDOPIPE (HDPE)
24	X.3.14.5.77.24	Pipa ø 36" dia. 900 mm PE		M'	13.205.035,77	INDOPIPE (HDPE)
25	X.3.14.5.77.25	Pipa ø 40" dia. 1000 mm PE		M'	16.299.585,72	INDOPIPE (HDPE)
	X.3.14.5.78.	Pipa PE 100 (PN 12,5)				
1	X.3.14.5.78.1	Pipa ø 1/2" dia. 20 mm PE		M'	9.774,86	INDOPIPE (HDPE)
2	X.3.14.5.78.2	Pipa ø 3/4" dia. 25 mm PE		M'	13.687,28	INDOPIPE (HDPE)
3	X.3.14.5.78.3	Pipa ø 1" dia. 40 mm PE		M'	22.487,12	INDOPIPE (HDPE)
4	X.3.14.5.78.4	Pipa ø 1 1/4" dia. 40 mm PE		M'	34.212,02	INDOPIPE (HDPE)
5	X.3.14.5.78.5	Pipa ø 1 1/2" dia. 50 mm PE		M'	52.786,73	INDOPIPE (HDPE)
6	X.3.14.5.78.6	Pipa ø 2" dia. 63 mm PE		M'	84.073,70	INDOPIPE (HDPE)
7	X.3.14.5.78.7	Pipa ø 2 1/2" dia. 75 mm PE		M'	117.298,37	INDOPIPE (HDPE)
8	X.3.14.5.78.8	Pipa ø 3" dia. 90 mm PE		M'	169.110,08	INDOPIPE (HDPE)
9	X.3.14.5.78.9	Pipa ø 4" dia. 110 mm PE		M'	253.171,45	INDOPIPE (HDPE)
10	X.3.14.5.78.10	Pipa ø 5" dia. 125 mm PE		M'	326.482,93	INDOPIPE (HDPE)
11	X.3.14.5.78.11	Pipa ø 6" dia. 160 mm PE		M'	534.692,47	INDOPIPE (HDPE)
12	X.3.14.5.78.12	Pipa ø 7" dia. 180 mm PE		M'	678.378,03	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
13	X.3.14.5.78.13	Pipa ø 8" dia. 200 mm PE		M'	831.850,80	INDOPIPE (HDPE)
14	X.3.14.5.78.14	Pipa ø 9" dia. 225 mm PE		M'	1.055.685,31	INDOPIPE (HDPE)
15	X.3.14.5.78.15	Pipa ø 10" dia. 250 mm PE		M'	1.236.529,68	INDOPIPE (HDPE)
16	X.3.14.5.78.16	Pipa ø 12" dia. 315 mm PE		M'	1.963.942,17	(HDPE)
17	X.3.14.5.78.17	Pipa ø 14" dia. 355 mm PE		M'	2.489.762,88	(HDPE)
18	X.3.14.5.78.18	Pipa ø 16" dia. 400 mm PE		M'	3.156.801,06	INDOPIPE (HDPE)
19	X.3.14.5.78.19	Pipa ø 18" dia. 450 mm PE		M'	3.999.413,88	(HDPE)
20	X.3.14.5.78.20	Pipa ø 20" dia. 500 mm PE		M'	4.934.940,03	(HDPE)
21	X.3.14.5.78.21	Pipa ø 22" dia. 560 mm PE		M'	6.190.964,97	(HDPE)
22	X.3.14.5.78.22	Pipa ø 24" dia. 630 mm PE		M'	7.825.106,46	(HDPE)
23	X.3.14.5.78.23	Pipa ø 28" dia. 710 mm PE		M'	9.941.409,60	INDOPIPE (HDPE)
	X.3.14.5.79.	Pipa PE 100 (PN 16)				
1	X.3.14.5.79.1	Pipa ø 1/2" dia. 20 mm PE		M'	10.762,22	INDOPIPE (HDPE)
2	X.3.14.5.79.2	Pipa ø 3/4" dia. 25 mm PE		M'	16.624,67	INDOPIPE (HDPE)
3	X.3.14.5.79.3	Pipa ø 1" dia. 40 mm PE		M'	26.399,54	INDOPIPE (HDPE)
4	X.3.14.5.79.4	Pipa ø 1 1/4" dia. 40 mm PE		M'	41.061,83	INDOPIPE (HDPE)
5	X.3.14.5.79.5	Pipa ø 1 1/2" dia. 50 mm PE		M'	64.523,98	INDOPIPE (HDPE)
6	X.3.14.5.79.6	Pipa ø 2" dia. 63 mm PE		M'	101.661,05	(HDPE)
7	X.3.14.5.79.7	Pipa ø 2 1/2" dia. 75 mm PE		M'	141.735,53	(HDPE)
8	X.3.14.5.79.8	Pipa ø 3" dia. 90 mm PE		M'	205.272,14	(HDPE)
9	X.3.14.5.79.9	Pipa ø 4" dia. 110 mm PE		M'	304.983,16	(HDPE)
10	X.3.14.5.79.10	Pipa ø 5" dia. 125 mm PE		M'	395.881,99	(HDPE)
11	X.3.14.5.79.11	Pipa ø 6" dia. 160 mm PE		M'	648.078,42	(HDPE)
12	X.3.14.5.79.12	Pipa ø 7" dia. 180 mm PE		M'	819.138,54	(HDPE)
13	X.3.14.5.79.13	Pipa ø 8" dia. 200 mm PE		M'	1.009.748,39	(HDPE)
14	X.3.14.5.79.14	Pipa ø 9" dia. 225 mm PE		M'	1.214.230,95	(HDPE)
15	X.3.14.5.79.15	Pipa ø 10" dia. 250 mm PE		M'	1.493.862,42	(HDPE)
16	X.3.14.5.79.16	Pipa ø 12" dia. 315 mm PE		M'	2.370.855,87	(HDPE)
17	X.3.14.5.79.17	Pipa ø 14" dia. 355 mm PE		M'	3.009.085,17	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
18	X.3.14.5.79.18	Pipa ø 16" dia. 400 mm PE		M'	3.820.120,83	INDOPIPE (HDPE)
19	X.3.14.5.79.19	Pipa ø 18" dia. 450 mm PE		M'	4.838.320,02	INDOPIPE (HDPE)
20	X.3.14.5.79.20	Pipa ø 20" dia. 500 mm PE		M'	5.969.866,20	INDOPIPE (HDPE)
	X.3.14.5.80.	Straight Coupler (Compression	n Fitting)			
1	X.3.14.5.80.1	Straight Coupler dia. 20 x 20		Bh	45.258,11	INDOPIPE (HDPE)
2	X.3.14.5.80.2	Straight Coupler dia. 25 x 25		Bh	61.771,71	INDOPIPE (HDPE)
3	X.3.14.5.80.3	Straight Coupler dia. 32 x 32		Bh	71.065,24	INDOPIPE (HDPE)
4	X.3.14.5.80.4	Straight Coupler dia. 40 x 40		Bh	141.883,63	INDOPIPE (HDPE)
5	X.3.14.5.80.5	Straight Coupler dia. 50 x 50		Bh	148.104,00	INDOPIPE (HDPE)
6	X.3.14.5.80.6	Straight Coupler dia. 63 x 63		Bh	230.523,88	INDOPIPE (HDPE)
7	X.3.14.5.80.7	Straight Coupler dia. 75 x 75		Bh	408.372,10	INDOPIPE (HDPE)
8	X.3.14.5.80.8	Straight Coupler dia. 90 x 90		Bh	632.243,63	INDOPIPE (HDPE)
9	X.3.14.5.80.9	Straight Coupler dia. 110 x 110		Bh	1.606.089,14	INDOPIPE (HDPE)
	X.3.14.5.81.	Reducing Coupler (Compression	on Fitting)			
1	X.3.14.5.81.1	Reducing Coupler dia. 25 x 20		Bh	49.121,16	INDOPIPE (HDPE)
2	X.3.14.5.81.2	Reducing Coupler dia. 32 x 20		Bh	59.834,02	INDOPIPE (HDPE)
3	X.3.14.5.81.3	Reducing Coupler dia. 32 x 25		Bh	71.990,89	INDOPIPE (HDPE)
4	X.3.14.5.81.4	Reducing Coupler dia. 40 x 32		Bh	122.630,11	INDOPIPE (HDPE)
5	X.3.14.5.81.5	Reducing Coupler dia. 50 x 25		Bh	149.153,07	INDOPIPE (HDPE)
6	X.3.14.5.81.6	Reducing Coupler dia. 50 x 32		Bh	152.411,36	INDOPIPE (HDPE)
7	X.3.14.5.81.7	Reducing Coupler dia. 50 x 40		Bh	212.825,45	INDOPIPE (HDPE)
8	X.3.14.5.81.8	Reducing Coupler dia. 63 x 32		Bh	208.221,88	INDOPIPE (HDPE)
9	X.3.14.5.81.9	Reducing Coupler dia. 63 x 40		Bh	265.155,53	INDOPIPE (HDPE)
10	X.3.14.5.81.10	Reducing Coupler dia. 63 x 50		Bh	236.904,69	INDOPIPE (HDPE)
11	X.3.14.5.81.11	Reducing Coupler dia. 75 x 50		Bh	289.012,61	INDOPIPE (HDPE)
12	X.3.14.5.81.12	Reducing Coupler dia. 75 x 63		Bh	318.707,47	INDOPIPE (HDPE)
13	X.3.14.5.81.13	Reducing Coupler dia. 90 x 63		Bh	493.272,71	INDOPIPE (HDPE)
14	X.3.14.5.81.14	Reducing Coupler dia. 90 x 75		Bh	550.588,96	INDOPIPE (HDPE)
15	X.3.14.5.81.15	Reducing Coupler dia. 110 x 90		Bh	1.594.282,95	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.82.	Equal Elbow (Compression Fit	tina)			
1	X.3.14.5.82.1	Equal Elbow dia. 20 x 20	ing)	Bh	47.751,20	INDOPIPE (HDPE)
2	X.3.14.5.82.2	Equal Elbow dia. 25 x 25		Bh	65.116,39	INDOPIPE (HDPE)
3	X.3.14.5.82.3	Equal Elbow dia. 32 x 32		Bh	82.691,40	INDOPIPE (HDPE)
4	X.3.14.5.82.4	Equal Elbow dia. 40 x 40		Bh	146.153,96	INDOPIPE (HDPE)
5	X.3.14.5.82.5	Equal Elbow dia. 50 x 50		Bh	176.799,15	INDOPIPE (HDPE)
6	X.3.14.5.82.6	Equal Elbow dia. 63 x 63		Bh	231.178,00	INDOPIPE (HDPE)
7	X.3.14.5.82.7	Equal Elbow dia. 75 x 75		Bh	381.997,24	INDOPIPE (HDPE)
8	X.3.14.5.82.8	Equal Elbow dia. 90 x 90		Bh	769.585,41	INDOPIPE (HDPE)
9	X.3.14.5.82.9	Equal Elbow dia. 110 x 110		Bh	1.487.000,37	INDOPIPE (HDPE)
	X.3.14.5.83.	Equal Tee (Compression Fitting	g)			
1	X.3.14.5.83.1	Equal Tee dia. 20 x 20	-	Bh	66.079,07	INDOPIPE (HDPE)
2	X.3.14.5.83.2	Equal Tee dia. 25 x 25		Bh	87.751,62	INDOPIPE (HDPE)
3	X.3.14.5.83.3	Equal Tee dia. 32 x 32		Bh	113.447,66	INDOPIPE (HDPE)
4	X.3.14.5.83.4	Equal Tee dia. 40 x 40		Bh	226.463,36	INDOPIPE (HDPE)
5	X.3.14.5.83.5	Equal Tee dia. 50 x 50		Bh	239.706,32	INDOPIPE (HDPE)
6	X.3.14.5.83.6	Equal Tee dia. 63 x 63		Bh	341.861,06	INDOPIPE (HDPE)
7	X.3.14.5.83.7	Equal Tee dia. 75 x 75		Bh	655.594,70	INDOPIPE (HDPE)
8	X.3.14.5.83.8	Equal Tee dia. 90 x 90		Bh	1.044.849,04	INDOPIPE (HDPE)
9	X.3.14.5.83.9	Equal Tee dia. 110 x 110		Bh	2.259.209,73	INDOPIPE (HDPE)
	X.3.14.5.84.	Male Tee (Compression Fitting)			
	X.3.14.5.84.1	Male Tee dia. 20 x 1/2"	,	Bh	55.119,37	INDOPIPE (HDPE)
2	X.3.14.5.84.2	Male Tee dia. 20 x 3/4"		Bh	55.193,42	INDOPIPE (HDPE)
3	X.3.14.5.84.3	Male Tee dia. 25 x 1/2 "		Bh	61.290,37	INDOPIPE (HDPE)
4	X.3.14.5.84.4	Male Tee dia. 25 x 3/4"		Bh	61.290,37	INDOPIPE (HDPE)
5	X.3.14.5.84.5	Male Tee dia. 25 x 1		Bh	61.228,66	INDOPIPE (HDPE)
6	X.3.14.5.84.6	Male Tee dia. 32 x 3/4"		Bh	84.320,54	INDOPIPE (HDPE)
7	X.3.14.5.84.7	Male Tee dia. 32 x 1"		Bh	84.172,44	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
8	X.3.14.5.84.8	Male Tee dia. 50 x 1"		Bh	157.866,52	INDOPIPE (HDPE)
9	X.3.14.5.84.9	Male Tee dia. 50 x 1 1/2"		Bh	210.245,97	INDOPIPE (HDPE)
10	X.3.14.5.84.10	Male Tee dia. 63 x 2"		Bh	356.436,96	INDOPIPE (HDPE)
11	X.3.14.5.84.11	Male Tee dia. 75 x 2 1/2"		Bh	782.766,67	INDOPIPE (HDPE)
12	X.3.14.5.84.12	Male Tee dia. 90 x 2"		Bh	904.261,31	INDOPIPE (HDPE)
13	X.3.14.5.84.13	Male Tee dia. 90 x 3"		Bh	910.148,45	INDOPIPE (HDPE)
14	X.3.14.5.84.14	Male Tee dia. 110 x 4"		Bh	2.279.573,01	INDOPIPE (HDPE)
	X.3.14.5.85.	Female Tee (Compression Fitti	ng)			
1	X.3.14.5.85.1	Female Tee dia. 20 x 1/2"		Bh	51.478,48	INDOPIPE (HDPE)
2	X.3.14.5.85.2	Female Tee dia. 20 x 3/4"		Bh	51.614,24	INDOPIPE (HDPE)
3	X.3.14.5.85.3	Female Tee dia. 25 x 1/2 "		Bh	58.661,53	INDOPIPE (HDPE)
4	X.3.14.5.85.4	Female Tee dia. 25 x 3/4"		Bh	58.661,53	INDOPIPE (HDPE)
5	X.3.14.5.85.5	Female Tee dia. 32 x 3/4"		Bh	79.840,40	INDOPIPE (HDPE)
6	X.3.14.5.85.6	FemaleTee dia. 32 x 1"		Bh	79.976,16	INDOPIPE (HDPE)
7	X.3.14.5.85.7	Female Tee dia. 50 x 1 1/2"		Bh	233.572,35	INDOPIPE (HDPE)
8	X.3.14.5.85.8	Female Tee dia. 63 x 2"		Bh	330.580,47	INDOPIPE (HDPE)
9	X.3.14.5.85.9	Female Tee dia. 75 x 2 1/2"		Bh	782.766,67	INDOPIPE (HDPE)
10	X.3.14.5.85.10	Female Tee dia. 90 x 3"		Bh	905.298,04	INDOPIPE (HDPE)
11	X.3.14.5.85.11	FemaleTee dia. 110 x 4"		Bh	2.275.936,71	INDOPIPE (HDPE)
	X.3.14.5.86.	Reducing Tee (Compression F	itting)			
1	X.3.14.5.86.1	Reducing Tee dia. 25 x 20		Bh	96.724,25	INDOPIPE (HDPE)
2	X.3.14.5.86.2	Reducing Tee dia. 32 x 20		Bh	107.264,32	INDOPIPE (HDPE)
3	X.3.14.5.86.3	Reducing Tee dia. 32 x 25		Bh	128.702,38	INDOPIPE (HDPE)
4	X.3.14.5.86.4	Reducing Tee dia. 40 x 32		Bh	262.279,84	INDOPIPE (HDPE)
5	X.3.14.5.86.5	Reducing Tee dia. 50 x 25		Bh	297.183,02	INDOPIPE (HDPE)
6	X.3.14.5.86.6	Reducing Tee dia. 50 x 32		Bh	297.183,02	INDOPIPE (HDPE)
7	X.3.14.5.86.7	Reducing Tee dia. 50 x 40		Bh	321.953,41	INDOPIPE (HDPE)
8	X.3.14.5.86.8	Reducing Tee dia. 63 x 32		Bh	369.507,14	INDOPIPE (HDPE)
9	X.3.14.5.86.9	Reducing Tee dia. 63 x 40		Bh	369.507,14	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.14.5.86.10	Reducing Tee dia. 63 x 50		Bh	395.919,02	INDOPIPE (HDPE)
11	X.3.14.5.86.11	Reducing Tee dia. 75 x 50		Bh	923.774,02	INDOPIPE (HDPE)
12	X.3.14.5.86.12	Reducing Tee dia. 75 x 63		Bh	981.509,89	INDOPIPE (HDPE)
13	X.3.14.5.86.13	Reducing Tee dia. 90 x 63		Bh	1.019.399,83	INDOPIPE (HDPE)
14	X.3.14.5.86.14	Reducing Tee dia. 90 x 75		Bh	1.193.504,04	INDOPIPE (HDPE)
15	X.3.14.5.86.15	Reducing Tee dia. 110 x 63		Bh	2.466.572,67	INDOPIPE (HDPE)
16	X.3.14.5.86.16	Reducing Tee dia. 110 x 90		Bh	2.469.294,03	INDOPIPE (HDPE)
	X.3.14.5.87.	Male Thread Elbow (Compress	ion Fitting)			
1	X.3.14.5.87.1	Male Thread Elbow dia. 20 x 1/2"		Bh	35.619,01	INDOPIPE (HDPE)
2	X.3.14.5.87.2	Male Thread Elbow dia. 20 x 3/4"		Bh	35.680,72	INDOPIPE (HDPE)
3	X.3.14.5.87.3	Male Thread Elbow dia. 25 x 1/2		Bh	38.198,49	INDOPIPE (HDPE)
4	X.3.14.5.87.4	Male Thread Elbow dia. 25 x 3/4"		Bh	38.470,01	INDOPIPE (HDPE)
5	X.3.14.5.87.5	Male Thread Elbow dia. 25 x 1"		Bh	38.346,59	INDOPIPE (HDPE)
6	X.3.14.5.87.6	Male Thread Elbow dia. 32 x 3/4"		Bh	47.911,64	INDOPIPE (HDPE)
7	X.3.14.5.87.7	Male Thread Elbow dia. 32 x 1"		Bh	47.961,01	INDOPIPE (HDPE)
8	X.3.14.5.87.8	Male Thread Elbow dia. 50 x 1 1/2"		Bh	125.086,17	INDOPIPE (HDPE)
9	X.3.14.5.87.9	Male Thread Elbow dia. 63 x 2"		Bh	226.796,59	INDOPIPE (HDPE)
10	X.3.14.5.87.10	Male Thread Elbow dia. 75 x 2 1/2"		Bh	436.450,15	INDOPIPE (HDPE)
11	X.3.14.5.87.11	Male Thread Elbow dia. 90 x 3"		Bh	605.646,62	INDOPIPE (HDPE)
12	X.3.14.5.87.12	Male Thread Elbow dia. 110 x 4"		Bh	1.464.068,22	INDOPIPE (HDPE)
	X.3.14.5.88.	Female Thread Elbow (Compre	ccion Fitting)			
1	X.3.14.5.88.1	Female Thread Elbow (compre Female Thread Elbow dia. 20 x 1/2"	ssion riung)	Bh	34.890,83	INDOPIPE (HDPE)
2	X.3.14.5.88.2	FemaleThread Elbow dia. 20 x 3/4"		Bh	35.026,60	INDOPIPE (HDPE)
3	X.3.14.5.88.3	Female Thread Elbow dia. 25 x 1/2 "		Bh	39.247,56	INDOPIPE (HDPE)
4	X.3.14.5.88.4	Female Thread Elbow dia. 25 x 3/4"		Bh	39.296,93	INDOPIPE (HDPE)
5	X.3.14.5.88.5	Female Thread Elbow dia. 25 x 1"		Bh	39.370,98	INDOPIPE (HDPE)
6	X.3.14.5.88.6	Female Thread Elbow dia. 32 x 3/4"		Bh	56.020,34	INDOPIPE (HDPE)
7	X.3.14.5.88.7	Female Thread Elbow dia. 32 x 1"		Bh	55.736,47	INDOPIPE (HDPE)
8	X.3.14.5.88.8	FemaleThread Elbow dia. 50 x 1 1/2"		Bh	152.695,22	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
9	X.3.14.5.88.9	Female Thread Elbow dia. 63 x 2"		Bh	249.370,11	INDOPIPE (HDPE)
10	X.3.14.5.88.10	Female Thread Elbow dia. 75 x 2 1/2"		Bh	520.659,61	INDOPIPE (HDPE)
11	X.3.14.5.88.11	Female Thread Elbow dia. 90 x 3"		Bh	604.301,35	INDOPIPE (HDPE)
12	X.3.14.5.88.12	Female Thread Elbow dia. 110 x 4"		Bh	1.505.627,61	INDOPIPE (HDPE)
	X.3.14.5.89.	Male Thread Adaptor (Compres	sion Fitting)			
1	X.3.14.5.89.1	Male Thread Adaptor dia. 20 x 1/2"	<u>.</u>	Bh	24.572,92	INDOPIPE (HDPE)
2	X.3.14.5.89.2	Male Thread Adaptor dia. 20 x 3/4"		Bh	24.597,61	INDOPIPE (HDPE)
3	X.3.14.5.89.3	Male Thread Adaptor dia. 25 x 1/2 "		Bh	26.868,53	INDOPIPE (HDPE)
4	X.3.14.5.89.4	Male Thread Adaptor dia. 25 x 3/4"		Bh	26.893,22	INDOPIPE (HDPE)
5	X.3.14.5.89.5	Male Thread Adaptor dia. 25 x 1"		Bh	27.942,29	INDOPIPE (HDPE)
6	X.3.14.5.89.6	Male Thread Adaptor dia. 32 x 3/4"		Bh	35.236,41	INDOPIPE (HDPE)
7	X.3.14.5.89.7	Male Thread Adaptor dia. 32 x 1"		Bh	35.298,12	INDOPIPE (HDPE)
8	X.3.14.5.89.8	Male Thread Adaptor dia. 40 x 1 1/4"		Bh	71.620,63	INDOPIPE (HDPE)
9	X.3.14.5.89.9	Male Thread Adaptor dia. 50 x 1 1/2"		Bh	96.662,54	INDOPIPE (HDPE)
10	X.3.14.5.89.10	Male Thread Adaptor dia. 63 x 2"		Bh	111.509,97	(HDPE)
11	X.3.14.5.89.11	Male Thread Adaptor dia. 75 x 2 1/2"		Bh	231.881,50	(HDPE)
12	X.3.14.5.89.12	Male Thread Adaptor dia. 90 x 3"		Bh	351.438,45	(HDPE)
13	X.3.14.5.89.13	Male Thread Adaptor dia. 110 x 4"		Bh	1.134.106,38	INDOPIPE (HDPE)
	X.3.14.5.90.	End Cup (Compression Fitting)				
1	X.3.14.5.90.1	End Cup dia. 20		Bh	22.141,55	INDOPIPE (HDPE)
2	X.3.14.5.90.2	End Cup dia. 25		Bh	35.693,06	INDOPIPE (HDPE)
3	X.3.14.5.90.3	End Cup dia. 32		Bh	37.606,07	INDOPIPE (HDPE)
4	X.3.14.5.90.4	End Cup dia. 50		Bh	87.652,88	INDOPIPE (HDPE)
5	X.3.14.5.90.5	End Cup dia. 63		Bh	111.966,62	INDOPIPE (HDPE)
6	X.3.14.5.90.6	End Cup dia. 75		Bh	233.794,51	INDOPIPE (HDPE)
7	X.3.14.5.90.7	End Cup dia. 90		Bh	342.737,34	INDOPIPE (HDPE)
8	X.3.14.5.90.8	End Cup dia. 110		Bh	1.527.128,70	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.91.	Female Thread Adaptor (Compress	sion Fitting)			
1	X.3.14.5.91.1	Female Thread Adaptor dia. 20 x 1/2"	2	Bh	25.547,94	INDOPIPE (HDPE)
2	X.3.14.5.91.2	FemaleThread Adaptor dia. 20 x 3/4"		Bh	25.745,41	INDOPIPE (HDPE)
3	X.3.14.5.91.3	Female Thread Adaptor dia. 25 x 1/2 "		Bh	27.658,42	INDOPIPE (HDPE)
4	X.3.14.5.91.4	FemaleThread Adaptor dia. 25 x 3/4"		Bh	27.781,84	(HDPE)
5	X.3.14.5.91.5	Female Thread Adaptor dia. 25 x 1"		Bh	30.299,61	(HDPE)
6	X.3.14.5.91.6	Female Thread Adaptor dia. 32 x 3/4"		Bh	40.777,97	(HDPE)
7	X.3.14.5.91.7	FemaleThread Adaptor dia. 32 x 1"		Bh	40.876,70	INDOPIPE (HDPE)
8	X.3.14.5.91.8	Female Thread Adaptor dia. 40 x 1 1/4"		Bh	81.592,96	(HDPE)
9	X.3.14.5.91.9	Female Thread Adaptor dia. 50 x 1 1/2"		Bh	126.863,42	(HDPE)
10	X.3.14.5.91.10	Female Thread Adaptor dia. 63 x 2"		Bh	179.674,84	(HDPE)
11	X.3.14.5.91.11	Female Thread Adaptor dia. 75 x 2 1/2"		Bh	259.490,55	(HDPE)
12	X.3.14.5.91.12	Female Thread Adaptor dia. 90 x 3"		Bh	376.702,52	(HDPE)
13	X.3.14.5.91.13	Female Thread Adaptor dia. 110 x 4"		Bh	1.268.306,25	INDOPIPE (HDPE)
	X.3.14.5.92.	Clamp Sadle (Compression Fitting))			
1	X.3.14.5.92.1	Clamp Sadle dia. 32 mm x 3/4"		Bh	75.533,04	INDOPIPE (HDPE)
2	X.3.14.5.92.2	Clamp Sadle dia. 32 mm x 1"		Bh	75.533,04	INDOPIPE (HDPE)
3	X.3.14.5.92.3	Clamp Sadle dia. 50 mm x 3/4"		Bh	98.563,21	INDOPIPE (HDPE)
4	X.3.14.5.92.4	Clamp Sadle dia. 50 mm x 1"		Bh	98.822,39	INDOPIPE (HDPE)
5	X.3.14.5.92.5	Clamp Sadle dia. 63 mm x 3/4"		Bh	120.062,98	INDOPIPE (HDPE)
6	X.3.14.5.92.6	Clamp Sadle dia. 63 mm x 1"		Bh	120.248,11	INDOPIPE (HDPE)
7	X.3.14.5.92.7	Clamp Sadle dia. 63 mm x 1 1/4"		Bh	124.789,96	INDOPIPE (HDPE)
8	X.3.14.5.92.8	Clamp Sadle dia. 75 mm x 3/4"		Bh	184.944,87	INDOPIPE (HDPE)
9	X.3.14.5.92.9	Clamp Sadle dia. 75 mm x 1"		Bh	184.944,87	INDOPIPE (HDPE)
10	X.3.14.5.92.10	Clamp Sadle dia. 90 mm x 3/4"		Bh	194.497,58	INDOPIPE (HDPE)
11	X.3.14.5.92.11	Clamp Sadle dia. 90 mm x 1"		Bh	194.633,34	(HDPE)
12	X.3.14.5.92.12	Clamp Sadle dia. 90 mm x 1 1/4"		Bh	197.891,63	INDOPIPE (HDPE)
13	X.3.14.5.92.13	Clamp Sadle dia. 90 mm x 2"		Bh	198.570,44	INDOPIPE (HDPE)
14	X.3.14.5.92.14	Clamp Sadle dia. 110 mm x 3/4"		Bh	244.371,60	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
15	X.3.14.5.92.15	Clamp Sadle dia. 110 mm x 1"		Bh	245.544,09	INDOPIPE (HDPE)
16	X.3.14.5.92.16	Clamp Sadle dia. 110 mm x 1 1/4"		Bh	244.630,78	INDOPIPE (HDPE)
17	X.3.14.5.92.17	Clamp Sadle dia. 110 mm x 2"		Bh	245.025,73	INDOPIPE (HDPE)
18	X.3.14.5.92.18	Clamp Sadle dia. 160 mm x 3/4"		Bh	359.929,75	INDOPIPE (HDPE)
19	X.3.14.5.92.19	Clamp Sadle dia. 160 mm x 1"		Bh	360.583,87	INDOPIPE (HDPE)
20	X.3.14.5.92.20	Clamp Sadle dia. 160 mm x 2"		Bh	360.398,74	INDOPIPE (HDPE)
21	X.3.14.5.92.21	Clamp Sadle dia. 200 mm x 2"		Bh	1.143.338,20	INDOPIPE (HDPE)
	X.3.14.5.93.	Elbow 90° PN 16 (Butt Fusion	PE 100)			
1	X.3.14.5.93.1	Elbow 90° dia. 50 mm	,	Bh	90.417,49	INDOPIPE (HDPE)
2	X.3.14.5.93.2	Elbow 90° dia. 63 mm		Bh	142.389,65	INDOPIPE (HDPE)
3	X.3.14.5.93.3	Elbow 90° dia. 75 mm		Bh	215.047,01	INDOPIPE (HDPE)
4	X.3.14.5.93.4	Elbow 90° dia. 90 mm		Bh	335.282,77	INDOPIPE (HDPE)
5	X.3.14.5.93.5	Elbow 90° dia. 110 mm		Bh	567.102,56	INDOPIPE (HDPE)
6	X.3.14.5.93.6	Elbow 90° dia. 125 mm		Bh	736.212,64	INDOPIPE (HDPE)
7	X.3.14.5.93.7	Elbow 90° dia. 140 mm		Bh	863.940,00	INDOPIPE (HDPE)
8	X.3.14.5.93.8	Elbow 90° dia. 160 mm		Bh	1.204.776,57	INDOPIPE (HDPE)
9	X.3.14.5.93.9	Elbow 90° dia. 180 mm		Bh	1.602.857,58	INDOPIPE (HDPE)
10	X.3.14.5.93.10	Elbow 90° dia. 200 mm		Bh	2.146.026,96	INDOPIPE (HDPE)
11	X.3.14.5.93.11	Elbow 90° dia. 225 mm		Bh	3.069.318,72	INDOPIPE (HDPE)
12	X.3.14.5.93.12	Elbow 90° dia. 250 mm		Bh	3.776.145,06	INDOPIPE (HDPE)
13	X.3.14.5.93.13	Elbow 90° dia. 280 mm		Bh	5.155.417,11	INDOPIPE (HDPE)
14	X.3.14.5.93.14	Elbow 90° dia. 315 mm		Bh	7.837.024,14	INDOPIPE (HDPE)
15	X.3.14.5.93.15	Elbow 90° dia. 355 mm		Bh	10.531.792,23	INDOPIPE (HDPE)
16	X.3.14.5.93.16	Elbow 90° dia. 400 mm		Bh	12.701.877,42	INDOPIPE (HDPE)
17	X.3.14.5.93.17	Elbow 90° dia. 450 mm		Bh	17.780.803,20	INDOPIPE (HDPE)
18	X.3.14.5.93.18	Elbow 90° dia. 500 mm		Bh	24.028.670,40	INDOPIPE (HDPE)
	X.3.14.5.94.	Elbow 90° PN 12,5 (Butt Fusio	n PE 100)			
1	X.3.14.5.94.1	Elbow 90° dia. 50 mm		Bh	78.038,47	INDOPIPE (HDPE)
2	X.3.14.5.94.2	Elbow 90° dia. 63 mm		Bh	121.864,91	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
3	X.3.14.5.94.3	Elbow 90° dia. 75 mm		Bh	186.857,88	INDOPIPE (HDPE)
4	X.3.14.5.94.4	Elbow 90° dia. 90 mm		Bh	289.012,61	INDOPIPE (HDPE)
5	X.3.14.5.94.5	Elbow 90° dia. 110 mm		Bh	490.866,02	INDOPIPE (HDPE)
6	X.3.14.5.94.6	Elbow 90° dia. 125 mm		Bh	632.601,55	INDOPIPE (HDPE)
7	X.3.14.5.94.7	Elbow 90° dia. 140 mm		Bh	745.827,06	INDOPIPE (HDPE)
8	X.3.14.5.94.8	Elbow 90° dia. 160 mm		Bh	1.085.984,92	INDOPIPE (HDPE)
9	X.3.14.5.94.9	Elbow 90° dia. 180 mm		Bh	1.373.395,32	INDOPIPE (HDPE)
10	X.3.14.5.94.10	Elbow 90° dia. 200 mm		Bh	1.840.695,06	INDOPIPE (HDPE)
11	X.3.14.5.94.11	Elbow 90° dia. 225 mm		Bh	2.632.516,98	INDOPIPE (HDPE)
12	X.3.14.5.94.12	Elbow 90° dia. 250 mm		Bh	3.247.837,59	INDOPIPE (HDPE)
13	X.3.14.5.94.13	Elbow 90° dia. 280 mm		Bh	4.226.248,62	INDOPIPE (HDPE)
14	X.3.14.5.94.14	Elbow 90° dia. 315 mm		Bh	6.734.591,82	INDOPIPE (HDPE)
15	X.3.14.5.94.15	Elbow 90° dia. 355 mm		Bh	9.049.085,04	INDOPIPE (HDPE)
16	X.3.14.5.94.16	Elbow 90° dia. 400 mm		Bh	10.910.272,41	INDOPIPE (HDPE)
17	X.3.14.5.94.17	Elbow 90° dia. 450 mm		Bh	15.257.762,31	INDOPIPE (HDPE)
18	X.3.14.5.94.18	Elbow 90° dia. 500 mm		Bh	20.622.184,56	INDOPIPE (HDPE)
19	X.3.14.5.94.19	Elbow 90° dia. 560 mm		Bh	28.109.701,62	INDOPIPE (HDPE)
20	X.3.14.5.94.20	Elbow 90° dia. 630 mm		Bh	39.836.112,24	INDOPIPE (HDPE)
21	X.3.14.5.94.21	Elbow 90° dia. 710 mm		Bh	57.804.865,23	INDOPIPE (HDPE)
	X.3.14.5.95.	Elbow 90° PN 10 (Butt Fusion	PE 100)			
1	X.3.14.5.95.1	Elbow 90° dia. 50 mm		Bh	64.351,19	INDOPIPE (HDPE)
2	X.3.14.5.95.2	Elbow 90° dia. 63 mm		Bh	101.327,82	INDOPIPE (HDPE)
3	X.3.14.5.95.3	Elbow 90° dia. 75 mm		Bh	154.275,00	INDOPIPE (HDPE)
4	X.3.14.5.95.4	Elbow 90° dia. 90 mm		Bh	239.484,17	INDOPIPE (HDPE)
5	X.3.14.5.95.5	Elbow 90° dia. 110 mm		Bh	405.335,96	INDOPIPE (HDPE)
6	X.3.14.5.95.6	Elbow 90° dia. 125 mm		Bh	521.646,97	INDOPIPE (HDPE)
7	X.3.14.5.95.7	Elbow 90° dia. 140 mm		Bh	615.816,43	INDOPIPE (HDPE)
8	X.3.14.5.95.8	Elbow 90° dia. 160 mm		Bh	898.633,36	INDOPIPE (HDPE)
9	X.3.14.5.95.9	Elbow 90° dia. 180 mm		Bh	1.193.508,43	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.14.5.95.10	Elbow 90° dia. 200 mm		Bh	1.520.642,01	INDOPIPE (HDPE)
11	X.3.14.5.95.11	Elbow 90° dia. 225 mm		Bh	2.172.349,08	INDOPIPE (HDPE)
12	X.3.14.5.95.12	Elbow 90° dia. 250 mm		Bh	2.679.589,47	INDOPIPE (HDPE)
13	X.3.14.5.95.13	Elbow 90° dia. 280 mm		Bh	3.489.850,95	(HDPE)
14	X.3.14.5.95.14	Elbow 90° dia. 315 mm		Bh	5.558.459,91	(HDPE)
15	X.3.14.5.95.15	Elbow 90° dia. 355 mm		Bh	7.468.819,44	INDOPIPE (HDPE) INDOPIPE
16	X.3.14.5.95.16	Elbow 90° dia. 400 mm		Bh	9.001.285,29	(HDPE)
17	X.3.14.5.95.17	Elbow 90° dia. 450 mm		Bh	12.598.149,03	(HDPE)
18	X.3.14.5.95.18	Elbow 90° dia. 500 mm		Bh	17.013.766,77	INDOPIPE (HDPE) INDOPIPE
19	X.3.14.5.95.19	Elbow 90° dia. 560 mm		Bh	23.187.664,59	(HDPE) INDOPIPE
20	X.3.14.5.95.20	Elbow 90° dia. 630 mm		Bh	32.866.732,74	(HDPE) INDOPIPE
21	X.3.14.5.95.21	Elbow 90° dia. 710 mm		Bh	47.680.819,53	(HDPE) INDOPIPE
22	X.3.14.5.95.22	Elbow 90° dia. 800 mm		Bh	68.079.782,19	(HDPE)
23	X.3.14.5.95.23	Elbow 90° dia. 900 mm		Bh	100.512.094,38	(HDPE)
24	X.3.14.5.95.24	Elbow 90° dia. 1000 mm		Bh	141.793.858,74	INDOPIPE (HDPE)
	X.3.14.5.96.	Elbow 90° PN 8 (Butt Fusion P	PE 100)			
1	X.3.14.5.96.1	Elbow 90° dia. 50 mm		Bh	53.440,86	INDOPIPE (HDPE)
2	X.3.14.5.96.2	Elbow 90° dia. 63 mm		Bh	83.580,02	INDOPIPE (HDPE)
3	X.3.14.5.96.3	Elbow 90° dia. 75 mm		Bh	127.566,91	INDOPIPE (HDPE)
4	X.3.14.5.96.4	Elbow 90° dia. 90 mm		Bh	196.472,30	INDOPIPE (HDPE)
5	X.3.14.5.96.5	Elbow 90° dia. 110 mm		Bh	332.666,27	INDOPIPE (HDPE)
6	X.3.14.5.96.6	Elbow 90° dia. 125 mm		Bh	428.958,55	(HDPE)
7	X.3.14.5.96.7	Elbow 90° dia. 140 mm		Bh	506.342,89	(HDPE)
8	X.3.14.5.96.8	Elbow 90° dia. 160 mm		Bh	738.002,23	(HDPE)
9	X.3.14.5.96.9	Elbow 90° dia. 180 mm		Bh	980.090,56	(HDPE)
10	X.3.14.5.96.10	Elbow 90° dia. 200 mm		Bh	1.248.599,85	(HDPE)
11	X.3.14.5.96.11	Elbow 90° dia. 225 mm		Bh	1.784.789,88	(HDPE)
12	X.3.14.5.96.12	Elbow 90° dia. 250 mm		Bh	2.200.524,54	(HDPE)
13	X.3.14.5.96.13	Elbow 90° dia. 280 mm		Bh	2.863.070,13	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
14	X.3.14.5.96.14	Elbow 90° dia. 315 mm		Bh	4.560.389,40	INDOPIPE (HDPE)
15	X.3.14.5.96.15	Elbow 90° dia. 355 mm		Bh	6.129.183,06	INDOPIPE (HDPE)
16	X.3.14.5.96.16	Elbow 90° dia. 400 mm		Bh	7.385.747,58	INDOPIPE (HDPE)
17	X.3.14.5.96.17	Elbow 90° dia. 450 mm		Bh	10.327.760,61	INDOPIPE (HDPE)
18	X.3.14.5.96.18	Elbow 90° dia. 500 mm		Bh	13.958.770,38	INDOPIPE (HDPE)
19	X.3.14.5.96.19	Elbow 90° dia. 560 mm		Bh	19.021.602,60	INDOPIPE (HDPE)
20	X.3.14.5.96.20	Elbow 90° dia. 630 mm		Bh	26.953.452,06	INDOPIPE (HDPE)
21	X.3.14.5.96.21	Elbow 90° dia. 710 mm		Bh	39.107.116,20	INDOPIPE (HDPE)
22	X.3.14.5.96.22	Elbow 90° dia. 800 mm		Bh	55.835.714,94	INDOPIPE (HDPE)
23	X.3.14.5.96.23	Elbow 90° dia. 900 mm		Bh	82.424.023,83	INDOPIPE (HDPE)
24	X.3.14.5.96.24	Elbow 90° dia. 1000 mm		Bh	116.267.842,11	INDOPIPE (HDPE)
	X.3.14.5.97.	Elbow 90° PN 6,3 (Butt Fusion	PE 100)			
1	X.3.14.5.97.1	Elbow 90° dia. 50 mm		Bh	42.518,19	INDOPIPE (HDPE)
2	X.3.14.5.97.2	Elbow 90° dia. 63 mm		Bh	67.115,80	INDOPIPE (HDPE)
3	X.3.14.5.97.3	Elbow 90° dia. 75 mm		Bh	103.771,54	INDOPIPE (HDPE)
4	X.3.14.5.97.4	Elbow 90° dia. 90 mm		Bh	159.656,11	INDOPIPE (HDPE)
5	X.3.14.5.97.5	Elbow 90° dia. 110 mm		Bh	269.129,65	INDOPIPE (HDPE)
6	X.3.14.5.97.6	Elbow 90° dia. 125 mm		Bh	347.168,12	INDOPIPE (HDPE)
7	X.3.14.5.97.7	Elbow 90° dia. 140 mm		Bh	408.915,14	INDOPIPE (HDPE)
8	X.3.14.5.97.8	Elbow 90° dia. 160 mm		Bh	594.637,56	INDOPIPE (HDPE)
9	X.3.14.5.97.9	Elbow 90° dia. 180 mm		Bh	790.949,41	INDOPIPE (HDPE)
10	X.3.14.5.97.10	Elbow 90° dia. 200 mm		Bh	1.060.251,85	INDOPIPE (HDPE)
11	X.3.14.5.97.11	Elbow 90° dia. 225 mm		Bh	1.437.183,06	INDOPIPE (HDPE)
12	X.3.14.5.97.12	Elbow 90° dia. 250 mm		Bh	1.773.024,69	INDOPIPE (HDPE)
13	X.3.14.5.97.13	Elbow 90° dia. 280 mm		Bh	2.307.056,40	INDOPIPE (HDPE)
14	X.3.14.5.97.14	Elbow 90° dia. 315 mm		Bh	3.672.862,41	INDOPIPE (HDPE)
15	X.3.14.5.97.15	Elbow 90° dia. 355 mm		Bh	4.935.866,70	INDOPIPE (HDPE)
16	X.3.14.5.97.16	Elbow 90° dia. 400 mm		Bh	5.949.373,89	INDOPIPE (HDPE)
17	X.3.14.5.97.17	Elbow 90° dia. 450 mm		Bh	8.313.414,63	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
18	X.3.14.5.97.18	Elbow 90° dia. 500 mm		Bh	11.236.565,82	INDOPIPE (HDPE)
19	X.3.14.5.97.19	Elbow 90° dia. 560 mm		Bh	15.310.770,18	INDOPIPE (HDPE)
20	X.3.14.5.97.20	Elbow 90° dia. 630 mm		Bh	21.691.127,73	INDOPIPE (HDPE)
21	X.3.14.5.97.21	Elbow 90° dia. 710 mm		Bh	31.469.853,96	INDOPIPE (HDPE)
22	X.3.14.5.97.22	Elbow 90° dia. 800 mm		Bh	44.931.952,68	INDOPIPE (HDPE)
23	X.3.14.5.97.23	Elbow 90° dia. 900 mm		Bh	66.322.968,36	INDOPIPE (HDPE)
24	X.3.14.5.97.24	Elbow 90° dia. 1000 mm		Bh	93.543.360,03	INDOPIPE (HDPE)
	X.3.14.5.98.	Tee Equal 90° PN 16 (Butt Fus	ion PE 100)			
1	X.3.14.5.98.1	Tee Equal 90° dia. 50 mm		Bh	105.400,68	INDOPIPE (HDPE)
2	X.3.14.5.98.2	Tee Equal 90° dia. 63 mm		Bh	166.172,69	INDOPIPE (HDPE)
3	X.3.14.5.98.3	Tee Equal 90° dia. 75 mm		Bh	231.498,89	INDOPIPE (HDPE)
4	X.3.14.5.98.4	Tee Equal 90° dia. 90 mm		Bh	359.226,25	INDOPIPE (HDPE)
5	X.3.14.5.98.5	Tee Equal 90° dia. 110 mm		Bh	633.897,46	INDOPIPE (HDPE)
6	X.3.14.5.98.6	Tee Equal 90° dia. 125 mm		Bh	952.728,35	INDOPIPE (HDPE)
7	X.3.14.5.98.7	Tee Equal 90° dia. 140 mm		Bh	1.118.086,46	INDOPIPE (HDPE)
8	X.3.14.5.98.8	Tee Equal 90° dia. 160 mm		Bh	1.394.919,87	INDOPIPE (HDPE)
9	X.3.14.5.98.9	Tee Equal 90° dia. 180 mm		Bh	1.923.532,32	INDOPIPE (HDPE)
10	X.3.14.5.98.10	Tee Equal 90° dia. 200 mm		Bh	2.239.233,54	INDOPIPE (HDPE)
11	X.3.14.5.98.11	Tee Equal 90° dia. 225 mm		Bh	2.833.193,82	INDOPIPE (HDPE)
12	X.3.14.5.98.12	Tee Equal 90° dia. 250 mm		Bh	4.066.615,05	INDOPIPE (HDPE)
13	X.3.14.5.98.13	Tee Equal 90° dia. 280 mm		Bh	5.346.334,59	INDOPIPE (HDPE)
14	X.3.14.5.98.14	Tee Equal 90° dia. 315 mm		Bh	8.297.966,22	INDOPIPE (HDPE)
15	X.3.14.5.98.15	Tee Equal 90° dia. 355 mm		Bh	11.116.919,82	INDOPIPE (HDPE)
16	X.3.14.5.98.16	Tee Equal 90° dia. 400 mm		Bh	13.370.393,58	INDOPIPE (HDPE)
17	X.3.14.5.98.17	Tee Equal 90° dia. 450 mm		Bh	16.934.108,34	INDOPIPE (HDPE)
18	X.3.14.5.98.18	Tee Equal 90° dia. 500 mm		Bh	24.028.670,40	INDOPIPE (HDPE)
	X.3.14.5.99.	Tee Equal 90° PN 12,5 (Butt Fu	usion PE 100)			
1	X.3.14.5.99.1	Tee Equal 90° dia. 50 mm		Bh	91.071,62	INDOPIPE (HDPE)
2	X.3.14.5.99.2	Tee Equal 90° dia. 63 mm		Bh	142.229,21	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
3	X.3.14.5.99.3	Tee Equal 90° dia. 75 mm		Bh	201.199,28	INDOPIPE (HDPE)
4	X.3.14.5.99.4	Tee Equal 90° dia. 90 mm		Bh	309.697,81	INDOPIPE (HDPE)
5	X.3.14.5.99.5	Tee Equal 90° dia. 110 mm		Bh	548.527,85	INDOPIPE (HDPE)
6	X.3.14.5.99.6	Tee Equal 90° dia. 125 mm		Bh	818.644,86	INDOPIPE (HDPE)
7	X.3.14.5.99.7	Tee Equal 90° dia. 140 mm		Bh	965.267,82	INDOPIPE (HDPE)
8	X.3.14.5.99.8	Tee Equal 90° dia. 160 mm		Bh	1.195.181,43	INDOPIPE (HDPE)
9	X.3.14.5.99.9	Tee Equal 90° dia. 180 mm		Bh	1.648.076,73	INDOPIPE (HDPE)
10	X.3.14.5.99.10	Tee Equal 90° dia. 200 mm		Bh	1.920.588,09	INDOPIPE (HDPE)
11	X.3.14.5.99.11	Tee Equal 90° dia. 225 mm		Bh	2.429.998,53	INDOPIPE (HDPE)
12	X.3.14.5.99.12	Tee Equal 90° dia. 250 mm		Bh	3.497.592,75	INDOPIPE (HDPE)
13	X.3.14.5.99.13	Tee Equal 90° dia. 280 mm		Bh	4.382.785,47	INDOPIPE (HDPE)
14	X.3.14.5.99.14	Tee Equal 90° dia. 315 mm		Bh	7.130.667,00	INDOPIPE (HDPE)
15	X.3.14.5.99.15	Tee Equal 90° dia. 355 mm		Bh	9.551.832,84	INDOPIPE (HDPE)
16	X.3.14.5.99.16	Tee Equal 90° dia. 400 mm		Bh	11.484.491,10	INDOPIPE (HDPE)
17	X.3.14.5.99.17	Tee Equal 90° dia. 450 mm		Bh	14.531.206,11	INDOPIPE (HDPE)
18	X.3.14.5.99.18	Tee Equal 90° dia. 500 mm		Bh	20.622.184,56	INDOPIPE (HDPE)
19	X.3.14.5.99.19	Tee Equal 90° dia. 560 mm		Bh	26.985.310,74	INDOPIPE (HDPE)
20	X.3.14.5.99.20	Tee Equal 90° dia. 630 mm		Bh	39.836.112,24	INDOPIPE (HDPE)
21	X.3.14.5.99.21	Tee Equal 90° dia. 710 mm		Bh	57.804.865,23	INDOPIPE (HDPE)
	X.3.14.5.100.	Tee Equal 90° PN 10 (Butt Fus	ion PE 100)			
1	X.3.14.5.100.1	Tee Equal 90° dia. 50 mm	,	Bh	75.101,07	INDOPIPE (HDPE)
2	X.3.14.5.100.2	Tee Equal 90° dia. 63 mm		Bh	118.273,39	INDOPIPE (HDPE)
3	X.3.14.5.100.3	Tee Equal 90° dia. 75 mm		Bh	166.172,69	INDOPIPE (HDPE)
4	X.3.14.5.100.4	Tee Equal 90° dia. 90 mm		Bh	256.590,18	INDOPIPE (HDPE)
5	X.3.14.5.100.5	Tee Equal 90° dia. 110 mm		Bh	453.062,48	INDOPIPE (HDPE)
6	X.3.14.5.100.6	Tee Equal 90° dia. 125 mm		Bh	675.119,74	INDOPIPE (HDPE)
7	X.3.14.5.100.7	Tee Equal 90° dia. 140 mm		Bh	796.972,31	INDOPIPE (HDPE)
8	X.3.14.5.100.8	Tee Equal 90° dia. 160 mm		Bh	1.040.529,34	INDOPIPE (HDPE)*
9	X.3.14.5.100.9	Tee Equal 90° dia. 180 mm		Bh	1.361.160,93	INDOPIPE (HDPE)*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	X.3.14.5.100.10	Tee Equal 90° dia. 200 mm		Bh	1.586.764,02	INDOPIPE (HDPE)*
11	X.3.14.5.100.11	Tee Equal 90° dia. 225 mm		Bh	2.005.126,20	INDOPIPE (HDPE)
12	X.3.14.5.100.12	Tee Equal 90° dia. 250 mm		Bh	2.885.673,84	INDOPIPE (HDPE)
13	X.3.14.5.100.13	Tee Equal 90° dia. 280 mm		Bh	3.618.986,52	INDOPIPE (HDPE)
14	X.3.14.5.100.14	Tee Equal 90° dia. 315 mm		Bh	5.885.316,36	INDOPIPE (HDPE)
15	X.3.14.5.100.15	Tee Equal 90° dia. 355 mm		Bh	7.883.779,92	(HDPE)
16	X.3.14.5.100.16	Tee Equal 90° dia. 400 mm		Bh	9.475.036,53	(HDPE)
17	X.3.14.5.100.17	Tee Equal 90° dia. 450 mm		Bh	11.998.241,64	(HDPE)
18	X.3.14.5.100.18	Tee Equal 90° dia. 500 mm		Bh	17.013.766,77	(HDPE)
19	X.3.14.5.100.19	Tee Equal 90° dia. 560 mm		Bh	22.260.150,03	INDOPIPE (HDPE)
20	X.3.14.5.100.20	Tee Equal 90° dia. 630 mm		Bh	32.866.732,74	(HDPE)
21	X.3.14.5.100.21	Tee Equal 90° dia. 710 mm		Bh	47.680.819,53	(HDPE)
22	X.3.14.5.100.22	Tee Equal 90° dia. 800 mm		Bh	68.079.782,19	(HDPE)
23	X.3.14.5.100.23	Tee Equal 90° dia. 900 mm		Bh	100.512.094,38	(HDPE)
24	X.3.14.5.100.24	Tee Equal 90° dia. 1000 mm		Bh	141.793.858,74	INDOPIPE (HDPE)
	X.3.14.5.101.	Tee Equal 90° PN 8 (Butt Fusio	on PE 100)			
1	X.3.14.5.101.1	Tee Equal 90° dia. 50 mm		Bh	62.401,15	INDOPIPE (HDPE)
2	X.3.14.5.101.2	Tee Equal 90° dia. 63 mm		Bh	97.427,75	INDOPIPE (HDPE)
3	X.3.14.5.101.3	Tee Equal 90° dia. 75 mm		Bh	137.341,78	INDOPIPE (HDPE)
4	X.3.14.5.101.4	Tee Equal 90° dia. 90 mm		Bh	210.480,47	INDOPIPE (HDPE)
5	X.3.14.5.101.5	Tee Equal 90° dia. 110 mm		Bh	371.765,72	INDOPIPE (HDPE)
6	X.3.14.5.101.6	Tee Equal 90° dia. 125 mm		Bh	555.217,21	INDOPIPE (HDPE)
7	X.3.14.5.101.7	Tee Equal 90° dia. 140 mm		Bh	655.409,57	INDOPIPE (HDPE)
8	X.3.14.5.101.8	Tee Equal 90° dia. 160 mm		Bh	854.646,47	INDOPIPE (HDPE)
9	X.3.14.5.101.9	Tee Equal 90° dia. 180 mm		Bh	1.176.241,97	INDOPIPE (HDPE)
10	X.3.14.5.101.10	Tee Equal 90° dia. 200 mm		Bh	1.302.792,45	INDOPIPE (HDPE)
11	X.3.14.5.101.11	Tee Equal 90° dia. 225 mm		Bh	1.647.455,04	INDOPIPE (HDPE)
12	X.3.14.5.101.12	Tee Equal 90° dia. 250 mm		Bh	2.369.764,98	INDOPIPE (HDPE)
13	X.3.14.5.101.13	Tee Equal 90° dia. 280 mm		Bh	2.969.132,79	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
14	X.3.14.5.101.14	Tee Equal 90° dia. 315 mm		Bh	4.828.560,66	INDOPIPE (HDPE)
15	X.3.14.5.101.15	Tee Equal 90° dia. 355 mm		Bh	6.469.822,26	INDOPIPE (HDPE)
16	X.3.14.5.101.16	Tee Equal 90° dia. 400 mm		Bh	7.774.468,05	INDOPIPE (HDPE)
17	X.3.14.5.101.17	Tee Equal 90° dia. 450 mm		Bh	9.835.956,90	INDOPIPE (HDPE)
18	X.3.14.5.101.18	Tee Equal 90° dia. 500 mm		Bh	13.958.770,38	INDOPIPE (HDPE)
19	X.3.14.5.101.19	Tee Equal 90° dia. 560 mm		Bh	18.260.736,15	INDOPIPE (HDPE)
20	X.3.14.5.101.20	Tee Equal 90° dia. 630 mm		Bh	26.953.452,06	INDOPIPE (HDPE)
21	X.3.14.5.101.21	Tee Equal 90° dia. 710 mm		Bh	39.107.116,20	INDOPIPE (HDPE)
22	X.3.14.5.101.22	Tee Equal 90° dia. 800 mm		Bh	55.835.714,94	INDOPIPE (HDPE)
23	X.3.14.5.101.23	Tee Equal 90° dia. 900 mm		Bh	82.424.023,83	INDOPIPE (HDPE)
24	X.3.14.5.101.24	Tee Equal 90° dia. 1000 mm		Bh	116.267.842,11	INDOPIPE (HDPE)
	X.3.14.5.102.	Tee Equal 90° PN 6,3 (Butt Fus	sion PF 100\			
1	X.3.14.5.102.1	Tee Equal 90° dia. 50 mm	56111 2 1009	Bh	49.528,45	INDOPIPE (HDPE)
2	X.3.14.5.102.2	Tee Equal 90° dia. 63 mm		Bh	78.359,36	INDOPIPE (HDPE)
3	X.3.14.5.102.3	Tee Equal 90° dia. 75 mm		Bh	111.756,81	INDOPIPE (HDPE)
4	X.3.14.5.102.4	Tee Equal 90° dia. 90 mm		Bh	171.060,12	INDOPIPE (HDPE)
5	X.3.14.5.102.5	Tee Equal 90° dia. 110 mm		Bh	300.737,51	INDOPIPE (HDPE)
6	X.3.14.5.102.6	Tee Equal 90° dia. 125 mm		Bh	449.322,85	INDOPIPE (HDPE)
7	X.3.14.5.102.7	Tee Equal 90° dia. 140 mm		Bh	529.150,91	INDOPIPE (HDPE)
8	X.3.14.5.102.8	Tee Equal 90° dia. 160 mm		Bh	688.473,79	INDOPIPE (HDPE)
9	X.3.14.5.102.9	Tee Equal 90° dia. 180 mm		Bh	949.136,83	INDOPIPE (HDPE)
10	X.3.14.5.102.10	Tee Equal 90° dia. 200 mm		Bh	1.106.188,78	INDOPIPE (HDPE)
11	X.3.14.5.102.11	Tee Equal 90° dia. 225 mm		Bh	1.326.639,54	INDOPIPE (HDPE)
12	X.3.14.5.102.12	Tee Equal 90° dia. 250 mm		Bh	1.909.432,86	INDOPIPE (HDPE)
13	X.3.14.5.102.13	Tee Equal 90° dia. 280 mm		Bh	2.392.521,18	INDOPIPE (HDPE)
14	X.3.14.5.102.14	Tee Equal 90° dia. 315 mm		Bh	3.888.858,63	INDOPIPE (HDPE)
15	X.3.14.5.102.15	Tee Equal 90° dia. 355 mm		Bh	5.210.078,91	INDOPIPE (HDPE)
16	X.3.14.5.102.16	Tee Equal 90° dia. 400 mm		Bh	6.262.494,51	INDOPIPE (HDPE)
17	X.3.14.5.102.17	Tee Equal 90° dia. 450 mm		Bh	7.917.538,86	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
18	X.3.14.5.102.18	Tee Equal 90° dia. 500 mm		Bh	11.236.565,82	INDOPIPE (HDPE)
19	X.3.14.5.102.19	Tee Equal 90° dia. 560 mm		Bh	14.698.335,15	INDOPIPE (HDPE)
20	X.3.14.5.102.20	Tee Equal 90° dia. 630 mm		Bh	21.691.127,73	INDOPIPE (HDPE)
21	X.3.14.5.102.21	Tee Equal 90° dia. 710 mm		Bh	31.469.853,96	INDOPIPE (HDPE)
22	X.3.14.5.102.22	Tee Equal 90° dia. 800 mm		Bh	44.931.952,68	INDOPIPE (HDPE)
23	X.3.14.5.102.23	Tee Equal 90° dia. 900 mm		Bh	66.322.968,36	INDOPIPE (HDPE)
24	X.3.14.5.102.24	Tee Equal 90° dia. 1000 mm		Bh	93.543.360,03	INDOPIPE (HDPE)
	X.3.14.5.103.	Stub Flange c/w Backing Ring	(Rutt Fusion DE 100)			
1		Stub Flange c/w Backing Ring	(Butt 1 uslott 1 L 100)	Dh	200 051 22	INDOPIPE
1	X.3.14.5.103.1	dia. 50 mm		Bh	208.851,32	(HDPE)
2	X.3.14.5.103.2	Stub Flange c/w Backing Ring dia. 63 mm		Bh	246.975,76	INDOPIPE (HDPE)
3	X.3.14.5.103.3	Stub Flange c/w Backing Ring dia. 75 mm		Bh	266.685,94	INDOPIPE (HDPE)
4	X.3.14.5.103.4	Stub Flange c/w Backing Ring dia. 90 mm		Bh	343.255,70	INDOPIPE (HDPE)
5	X.3.14.5.103.5	Stub Flange c/w Backing Ring dia. 110 mm		Bh	530.780,05	INDOPIPE (HDPE)
6	X.3.14.5.103.6	Stub Flange c/w Backing Ring dia. 125 mm		Bh	649.213,88	INDOPIPE (HDPE)
7	X.3.14.5.103.7	Stub Flange c/w Backing Ring dia. 140 mm		Bh	839.330,05	INDOPIPE (HDPE)
8	X.3.14.5.103.8	Stub Flange c/w Backing Ring dia. 160 mm		Bh	1.396.151,52	INDOPIPE (HDPE)*
9	X.3.14.5.103.9	Stub Flange c/w Backing Ring dia. 180 mm		Bh	1.475.282,10	INDOPIPE (HDPE)
10	X.3.14.5.103.10	Stub Flange c/w Backing Ring dia. 200 mm		Bh	1.973.384,82	INDOPIPE (HDPE)*
11	X.3.14.5.103.11	Stub Flange c/w Backing Ring dia. 225 mm		Bh	1.973.384,82	INDOPIPE (HDPE)
12	X.3.14.5.103.12	Stub Flange c/w Backing Ring dia. 250 mm		Bh	2.821.581,12	INDOPIPE (HDPE)
13	X.3.14.5.103.13	Stub Flange c/w Backing Ring dia. 280 mm		Bh	2.589.327,12	INDOPIPE (HDPE)
14	X.3.14.5.103.14	Stub Flange c/w Backing Ring dia. 315 mm		Bh	4.188.783,00	INDOPIPE (HDPE)
15	X.3.14.5.103.15	Stub Flange c/w Backing Ring dia. 355 mm		Bh	4.860.149,55	INDOPIPE (HDPE)
16	X.3.14.5.103.16	Stub Flange c/w Backing Ring dia. 400 mm		Bh	6.193.440,00	INDOPIPE (HDPE)
17	X.3.14.5.103.17	Stub Flange c/w Backing Ring dia. 450 mm		Bh	8.688.152,94	INDOPIPE (HDPE)
18	X.3.14.5.103.18	Stub Flange c/w Backing Ring dia. 500 mm		Bh	14.121.043,20	INDOPIPE (HDPE)
19	X.3.14.5.103.19	Stub Flange c/w Backing Ring dia. 560 mm		Bh	15.282.313,20	INDOPIPE (HDPE)
20	X.3.14.5.103.20	Stub Flange c/w Backing Ring dia. 630 mm		Bh	20.291.257,80	INDOPIPE (HDPE)
21	X.3.14.5.103.21	Stub Flange c/w Backing Ring dia. 710 mm	_	Bh	22.296.384,00	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
22	X.3.14.5.103.22	Stub Flange c/w Backing Ring dia. 800 mm		Bh	24.773.760,00	INDOPIPE (HDPE)
	X.3.14.5.104.	End Cap (Butt Fusion PE 100)				
1	X.3.14.5.104.1	End Cap dia. 50 mm		Bh	60.438,77	INDOPIPE (HDPE)
2	X.3.14.5.104.2	End Cap dia. 63 mm		Bh	95.798,60	INDOPIPE (HDPE)
3	X.3.14.5.104.3	End Cap dia. 75 mm		Bh	135.873,08	INDOPIPE (HDPE)
4	X.3.14.5.104.4	End Cap dia. 90 mm		Bh	195.497,28	INDOPIPE (HDPE)
5	X.3.14.5.104.5	End Cap dia. 110 mm		Bh	308.068,66	INDOPIPE (HDPE)
6	X.3.14.5.104.6	End Cap dia. 125 mm		Bh	397.832,03	INDOPIPE (HDPE)
7	X.3.14.5.104.7	End Cap dia. 140 mm		Bh	469.687,15	INDOPIPE (HDPE)
8	X.3.14.5.104.8	End Cap dia. 160 mm		Bh	613.372,72	INDOPIPE (HDPE)
9	X.3.14.5.104.9	End Cap dia. 180 mm		Bh	887.229,35	INDOPIPE (HDPE)
10	X.3.14.5.104.10	End Cap dia. 200 mm		Bh	1.034.506,44	INDOPIPE (HDPE)*
11	X.3.14.5.104.11	End Cap dia. 225 mm		Bh	1.244.259,75	INDOPIPE (HDPE)
12	X.3.14.5.104.12	End Cap dia. 250 mm		Bh	1.536.125,61	INDOPIPE (HDPE)
13	X.3.14.5.104.13	End Cap dia. 280 mm		Bh	2.248.066,23	INDOPIPE (HDPE)
14	X.3.14.5.104.14	End Cap dia. 315 mm		Bh	2.845.111,50	INDOPIPE (HDPE)
15	X.3.14.5.104.15	End Cap dia. 355 mm		Bh	4.336.334,67	INDOPIPE (HDPE)
16	X.3.14.5.104.16	End Cap dia. 400 mm		Bh	4.954.752,00	INDOPIPE (HDPE)
17	X.3.14.5.104.17	End Cap dia. 450 mm		Bh	6.270.858,00	INDOPIPE (HDPE)
18	X.3.14.5.104.18	End Cap dia. 500 mm		Bh	7.741.800,00	INDOPIPE (HDPE)
19	X.3.14.5.104.19	End Cap dia. 560 mm		Bh	9.711.313,92	INDOPIPE (HDPE)
20	X.3.14.5.104.20	End Cap dia. 630 mm		Bh	15.363.602,10	INDOPIPE (HDPE)
21	X.3.14.5.104.21	End Cap dia. 710 mm		Bh	19.513.206,90	INDOPIPE (HDPE)
22	X.3.14.5.104.22	End Cap dia. 800 mm		Bh	33.031.680,00	INDOPIPE (HDPE)
	X.3.14.5.105.	Reducer (Fitting Buttt Fusion F	PF 100)			
1	X.3.14.5.105.1	Reducer uk. 63 x 50 mm	- 7	Bh	137.502,22	INDOPIPE (HDPE)
2	X.3.14.5.105.2	Reducer uk. 75 x 50 mm		Bh	137.502,22	INDOPIPE (HDPE)
3	X.3.14.5.105.3	Reducer uk. 90 x 63 mm		Bh	275.004,44	INDOPIPE (HDPE)
4	X.3.14.5.105.4	Reducer uk. 90 x 75 mm		Bh	275.004,44	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
5	X.3.14.5.105.5	Reducer uk. 110 x 75 mm		Bh	357.436,66	INDOPIPE (HDPE)
6	X.3.14.5.105.6	Reducer uk. 110 x 90 mm		Bh	357.436,66	INDOPIPE (HDPE)
7	X.3.14.5.105.7	Reducer uk. 125 x 90 mm		Bh	388.229,95	INDOPIPE (HDPE)
8	X.3.14.5.105.8	Reducer uk. 125 x 110 mm		Bh	388.229,95	INDOPIPE (HDPE)
9	X.3.14.5.105.9	Reducer uk. 140 x 110 mm		Bh	905.643,62	INDOPIPE (HDPE)
10	X.3.14.5.105.10	Reducer uk. 160 x 90 mm		Bh	977.486,40	INDOPIPE (HDPE)
11	X.3.14.5.105.11	Reducer uk. 160 x 110 mm		Bh	855.300,60	INDOPIPE (HDPE)
12	X.3.14.5.105.12	Reducer uk. 180 x 110 mm		Bh	977.486,40	(HDPE)
13	X.3.14.5.105.13	Reducer uk. 180 x 160 mm		Bh	977.486,40	(HDPE)
14	X.3.14.5.105.14	Reducer uk. 200 x 160 mm		Bh	1.221.858,00	INDOPIPE (HDPE)*
15	X.3.14.5.105.15	Reducer uk. 200 x 180 mm		Bh	1.221.858,00	(HDPE)
16	X.3.14.5.105.16	Reducer uk. 225 x 160 mm		Bh	1.221.858,00	(HDPE)
17	X.3.14.5.105.17	Reducer uk. 225 x 180 mm		Bh	1.221.858,00	(HDPE)
18	X.3.14.5.105.18	Reducer uk. 250 x 160 mm		Bh	1.393.524,00	(HDPE)
19	X.3.14.5.105.19	Reducer uk. 250 x 200 mm		Bh	1.393.524,00	(HDPE)
20	X.3.14.5.105.20	Reducer uk. 250 x 225 mm		Bh	1.393.524,00	(HDPE)
21	X.3.14.5.105.21	Reducer uk. 280 x 200 mm		Bh	1.509.651,00	INDOPIPE (HDPE) INDOPIPE
22	X.3.14.5.105.22	Reducer uk. 280 x 250 mm		Bh	1.509.651,00	(HDPE) INDOPIPE
23	X.3.14.5.105.23	Reducer uk. 315 x 280 mm		Bh	1.625.778,00	(HDPE) INDOPIPE
24	X.3.14.5.105.24	Reducer uk. 315 x 250 mm		Bh	1.625.778,00	(HDPE) INDOPIPE
25	X.3.14.5.105.25	Reducer uk. 355 x 315 mm		Bh	2.351.653,86	(HDPE) INDOPIPE
26	X.3.14.5.105.26	Reducer uk. 355 x 250 mm		Bh	2.351.653,86	(HDPE) INDOPIPE
27	X.3.14.5.105.27	Reducer uk. 400 x 315 mm		Bh	3.284.845,74	(HDPE) INDOPIPE
28	X.3.14.5.105.28	Reducer uk. 400 x 355 mm		Bh	3.284.845,74	(HDPE)
29	X.3.14.5.105.29	Reducer uk. 450 x 315 mm		Bh	5.375.131,74	INDOPIPE (HDPE) INDOPIPE
30	X.3.14.5.105.30	Reducer uk. 450 x 355 mm		Bh	5.375.131,74	(HDPE) INDOPIPE
		Reducer uk. 450 x 400 mm		Bh	5.375.131,74	(HDPE) INDOPIPE
32	X.3.14.5.105.32	Reducer uk. 500 x 355 mm		Bh	7.166.736,75	(HDPE) INDOPIPE
33	X.3.14.5.105.33	Reducer uk. 500 x 400 mm		Bh	7.166.736,75	(HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
34	X.3.14.5.105.34	Reducer uk. 500 x 450 mm		Bh	7.166.736,75	INDOPIPE (HDPE)
35	X.3.14.5.105.35	Reducer uk. 560 x 500 mm		Bh	8.958.505,98	INDOPIPE (HDPE)
36	X.3.14.5.105.36	Reducer uk. 560 x 450 mm		Bh	8.958.505,98	(HDPE)
37	X.3.14.5.105.37	Reducer uk. 560 x 400 mm		Bh	8.958.505,98	(HDPE)
38	X.3.14.5.105.38	Reducer uk. 630 x 560 mm		Bh	11.048.791,98	(HDPE)
39	X.3.14.5.105.39	Reducer uk. 630 x 500 mm		Bh	11.048.791,98	INDOPIPE (HDPE) INDOPIPE
		Reducer uk. 630 x 450 mm		Bh	11.048.791,98	(HDPE) INDOPIPE
		Reducer uk. 630 x 400 mm		Bh	11.048.791,98	(HDPE) INDOPIPE
		Reducer uk. 710 x 630 mm		Bh	11.944.518,24	(HDPE) INDOPIPE
		Reducer uk. 710 x 560 mm		Bh	11.944.518,24	(HDPE) INDOPIPE
		Reducer uk. 710 x 500 mm		Bh	11.944.518,24	(HDPE) INDOPIPE
		Reducer uk. 710 x 450 mm		Bh	11.944.518,24	(HDPE) INDOPIPE
		Reducer uk. 800 x 710 mm		Bh	13.736.275,74	(HDPE) INDOPIPE
		Reducer uk. 800 x 630 mm Reducer uk. 800 x 560 mm		Bh Bh	13.736.275,74	(HDPE) INDOPIPE
		Reducer uk. 800 x 500 mm		Bh	13.736.275,74	(HDPE) INDOPIPE
47	7.3.14.3.103.49	Reducer un. 600 x 500 mm		DII	13.730.273,74	(HDPE)
	X.3.14.5.106.	Elbow 45° PN 16 (Butt Fusion	PE 100)			
1	X.3.14.5.106.1	Elbow 45° dia. 50 mm		Bh	64.511,63	INDOPIPE (HDPE)
2	X.3.14.5.106.2	Elbow 45° dia. 63 mm		Bh	101.661,05	INDOPIPE (HDPE)
3	X.3.14.5.106.3	Elbow 45° dia. 75 mm		Bh	141.735,53	(HDPE)
4	X.3.14.5.106.4	Elbow 45° dia. 90 mm		Bh	225.796,89	(HDPE)
5	X.3.14.5.106.5	Elbow 45° dia. 110 mm		Bh	400.275,74	INDOPIPE (HDPE) INDOPIPE
6	X.3.14.5.106.6	Elbow 45° dia. 125 mm		Bh	519.696,94	(HDPE) INDOPIPE
7	X.3.14.5.106.7	Elbow 45° dia. 140 mm		Bh	609.793,54	(HDPE) INDOPIPE
	X.3.14.5.106.8	Elbow 45° dia. 160 mm		Bh	800.563,83	(HDPE) INDOPIPE
	X.3.14.5.106.9	Elbow 45° dia. 180 mm		Bh	1.156.531,79	(HDPE) INDOPIPE
		Elbow 45° dia. 200 mm		Bh	1.279.567,05	(HDPE) INDOPIPE
		Elbow 45° dia. 225 mm		Bh	1.618.962,87	(HDPE) INDOPIPE
12	X.3.14.5.106.12	Elbow 45° dia. 250 mm		Bh	2.489.762,88	(HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
13	X.3.14.5.106.13	Elbow 45° dia. 280 mm		Bh	3.273.233,04	INDOPIPE (HDPE)
14	X.3.14.5.106.14	Elbow 45° dia. 315 mm		Bh	4.741.700,01	INDOPIPE (HDPE)
15	X.3.14.5.106.15	Elbow 45° dia. 355 mm		Bh	6.269.004,66	INDOPIPE (HDPE)
16	X.3.14.5.106.16	Elbow 45° dia. 400 mm		Bh	7.449.218,61	INDOPIPE (HDPE)
17	X.3.14.5.106.17	Elbow 45° dia. 450 mm		Bh	9.434.720,52	INDOPIPE (HDPE)
18	X.3.14.5.106.18	Elbow 45° dia. 500 mm		Bh	13.432.175,49	INDOPIPE (HDPE)
	X.3.14.5.107.	Elbow 45° PN 12,5 (Butt Fusio	n PF 100\			
1		-	111 £ 100)	Dh	FF 711 70	INDOPIPE
1	X.3.14.5.107.1	Elbow 45° dia. 50 mm		Bh	55.711,79	(HDPE)
2	X.3.14.5.107.2	Elbow 45° dia. 63 mm		Bh	86.998,76	INDOPIPE (HDPE)
3	X.3.14.5.107.3	Elbow 45° dia. 75 mm		Bh	123.160,82	INDOPIPE (HDPE)
4	X.3.14.5.107.4	Elbow 45° dia. 90 mm		Bh	194.682,71	INDOPIPE (HDPE)
5	X.3.14.5.107.5	Elbow 45° dia. 110 mm		Bh	346.513,99	INDOPIPE (HDPE)
6	X.3.14.5.107.6	Elbow 45° dia. 125 mm		Bh	446.545,90	INDOPIPE (HDPE)
7	X.3.14.5.107.7	Elbow 45° dia. 140 mm		Bh	526.534,40	INDOPIPE (HDPE)
8	X.3.14.5.107.8	Elbow 45° dia. 160 mm		Bh	685.869,62	INDOPIPE (HDPE)
9	X.3.14.5.107.9	Elbow 45° dia. 180 mm		Bh	990.840,44	INDOPIPE (HDPE)
10	X.3.14.5.107.10	Elbow 45° dia. 200 mm		Bh	1.154.742,20	INDOPIPE (HDPE)
11	X.3.14.5.107.11	Elbow 45° dia. 225 mm		Bh	1.388.573,94	INDOPIPE (HDPE)
12	X.3.14.5.107.12	Elbow 45° dia. 250 mm		Bh	2.141.381,88	INDOPIPE (HDPE)
13	X.3.14.5.107.13	Elbow 45° dia. 280 mm		Bh	2.683.307,88	INDOPIPE (HDPE)
14	X.3.14.5.107.14	Elbow 45° dia. 315 mm		Bh	4.074.661,83	INDOPIPE (HDPE)
15	X.3.14.5.107.15	Elbow 45° dia. 355 mm		Bh	5.386.439,46	INDOPIPE (HDPE)
16	X.3.14.5.107.16	Elbow 45° dia. 400 mm		Bh	6.398.503,86	INDOPIPE (HDPE)
17	X.3.14.5.107.17	Elbow 45° dia. 450 mm		Bh	8.095.952,16	INDOPIPE (HDPE)
18	X.3.14.5.107.18	Elbow 45° dia. 500 mm		Bh	11.527.927,29	INDOPIPE (HDPE)
19	X.3.14.5.107.19	Elbow 45° dia. 560 mm		Bh	15.420.175,89	INDOPIPE (HDPE)
20	X.3.14.5.107.20	Elbow 45° dia. 630 mm		Bh	21.950.513,22	INDOPIPE (HDPE)
21	X.3.14.5.107.21	Elbow 45° dia. 710 mm		Bh	32.515.231,56	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.108.	Elbow 45° PN 10 (Butt Fusion	PE 100)			
1	X.3.14.5.108.1	Elbow 45° dia. 50 mm		Bh	45.936,92	INDOPIPE (HDPE)
2	X.3.14.5.108.2	Elbow 45° dia. 63 mm		Bh	72.336,46	INDOPIPE (HDPE)
3	X.3.14.5.108.3	Elbow 45° dia. 75 mm		Bh	101.661,05	INDOPIPE (HDPE)
4	X.3.14.5.108.4	Elbow 45° dia. 90 mm		Bh	161.285,26	INDOPIPE (HDPE)
5	X.3.14.5.108.5	Elbow 45° dia. 110 mm		Bh	286.235,66	INDOPIPE (HDPE)
6	X.3.14.5.108.6	Elbow 45° dia. 125 mm		Bh	368.346,99	INDOPIPE (HDPE)
7	X.3.14.5.108.7	Elbow 45° dia. 140 mm		Bh	434.821,00	INDOPIPE (HDPE)
8	X.3.14.5.108.8	Elbow 45° dia. 160 mm		Bh	567.596,24	INDOPIPE (HDPE)
9	X.3.14.5.108.9	Elbow 45° dia. 180 mm		Bh	818.484,41	INDOPIPE (HDPE)
10	X.3.14.5.108.10	Elbow 45° dia. 200 mm		Bh	954.024,26	INDOPIPE (HDPE)
11	X.3.14.5.108.11	Elbow 45° dia. 225 mm		Bh	1.205.566,56	INDOPIPE (HDPE)
12	X.3.14.5.108.12	Elbow 45° dia. 250 mm		Bh	1.766.678,76	INDOPIPE (HDPE)
13	X.3.14.5.108.13	Elbow 45° dia. 280 mm		Bh	2.215.703,16	INDOPIPE (HDPE)
14	X.3.14.5.108.14	Elbow 45° dia. 315 mm		Bh	3.363.037,92	INDOPIPE (HDPE)
15	X.3.14.5.108.15	Elbow 45° dia. 355 mm		Bh	4.445.810,76	INDOPIPE (HDPE)
16	X.3.14.5.108.16	Elbow 45° dia. 400 mm		Bh	5.278.945,74	INDOPIPE (HDPE)
17	X.3.14.5.108.17	Elbow 45° dia. 450 mm		Bh	6.684.739,32	INDOPIPE (HDPE)
18	X.3.14.5.108.18	Elbow 45° dia. 500 mm		Bh	9.510.801,30	INDOPIPE (HDPE)
19	X.3.14.5.108.19	Elbow 45° dia. 560 mm		Bh	12.720.082,38	INDOPIPE (HDPE)
20	X.3.14.5.108.20	Elbow 45° dia. 630 mm		Bh	18.110.240,25	INDOPIPE (HDPE)
21	X.3.14.5.108.21	Elbow 45° dia. 710 mm		Bh	26.820.457,32	INDOPIPE (HDPE)
22	X.3.14.5.108.22	Elbow 45° dia. 800 mm		Bh	38.902.732,68	INDOPIPE (HDPE)
23	X.3.14.5.108.23	Elbow 45° dia. 900 mm		Bh	57.435.487,53	INDOPIPE (HDPE)
24	X.3.14.5.108.24	Elbow 45° dia. 1000 mm		Bh	86.089.120,98	INDOPIPE (HDPE)
	X.3.14.5.109.	Elbow 45° PN 8 (Butt Fusion F	PE 100)			
1		Elbow 45° dia. 50 mm		Bh	38.124,44	INDOPIPE (HDPE)
2	X.3.14.5.109.2	Elbow 45° dia. 63 mm		Bh	59.624,20	INDOPIPE (HDPE)
3	X.3.14.5.109.3	Elbow 45° dia. 75 mm		Bh	84.061,36	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.14.5.109.4	Elbow 45° dia. 90 mm		Bh	132.281,56	INDOPIPE (HDPE)
5	X.3.14.5.109.5	Elbow 45° dia. 110 mm		Bh	234.917,63	INDOPIPE (HDPE)
6	X.3.14.5.109.6	Elbow 45° dia. 125 mm		Bh	302.860,34	INDOPIPE (HDPE)
7	X.3.14.5.109.7	Elbow 45° dia. 140 mm		Bh	357.436,66	INDOPIPE (HDPE)
8	X.3.14.5.109.8	Elbow 45° dia. 160 mm		Bh	466.095,63	INDOPIPE (HDPE)
9	X.3.14.5.109.9	Elbow 45° dia. 180 mm		Bh	672.182,35	(HDPE)
10	X.3.14.5.109.10	Elbow 45° dia. 200 mm		Bh	783.297,37	(HDPE)
11	X.3.14.5.109.11	Elbow 45° dia. 225 mm		Bh	990.519,55	(HDPE)
12	X.3.14.5.109.12	Elbow 45° dia. 250 mm		Bh	1.450.813,32	(HDPE)
13	X.3.14.5.109.13	Elbow 45° dia. 280 mm		Bh	1.817.774,64	(HDPE)
14	X.3.14.5.109.14	Elbow 45° dia. 315 mm		Bh	2.759.177,52	(HDPE)
15	X.3.14.5.109.15	Elbow 45° dia. 355 mm		Bh	3.648.405,36	INDOPIPE (HDPE) INDOPIPE
16	X.3.14.5.109.16	Elbow 45° dia. 400 mm		Bh	4.331.490,18	(HDPE) INDOPIPE
17	X.3.14.5.109.17	Elbow 45° dia. 450 mm		Bh	5.480.033,13	(HDPE) INDOPIPE
18	X.3.14.5.109.18	Elbow 45° dia. 500 mm		Bh	7.803.042,33	(HDPE) INDOPIPE
19	X.3.14.5.109.19	Elbow 45° dia. 560 mm		Bh	10.434.703,02	(HDPE) INDOPIPE
		Elbow 45° dia. 630 mm		Bh	14.851.904,31	(HDPE) INDOPIPE
=		Elbow 45° dia. 710 mm		Bh	21.997.749,93	(HDPE) INDOPIPE
		Elbow 45° dia. 800 mm		Bh	31.906.127,85	(HDPE) INDOPIPE
		Elbow 45° dia. 900 mm		Bh	47.099.433,81	(HDPE) INDOPIPE
24	X.3.14.5.109.24	Elbow 45° dia. 1000 mm		Bh	70.591.186,92	(HDPE)
	X.3.14.5.110.	Elbow 45° PN 6,3 (Butt Fusion	PE 100)			INDODIDE
1	X.3.14.5.110.1	Elbow 45° dia. 50 mm		Bh	30.299,61	(HDPE)
2	X.3.14.5.110.2	Elbow 45° dia. 63 mm		Bh	47.899,30	(HDPE)
3	X.3.14.5.110.3	Elbow 45° dia. 75 mm		Bh	68.424,05	(HDPE)
4	X.3.14.5.110.4	Elbow 45° dia. 90 mm		Bh	107.523,50	(HDPE)
5	X.3.14.5.110.5	Elbow 45° dia. 110 mm		Bh	189.955,72	(HDPE)
6	X.3.14.5.110.6	Elbow 45° dia. 125 mm		Bh	245.186,17	(HDPE)
7	X.3.14.5.110.7	Elbow 45° dia. 140 mm		Bh	288.679,38	INDOPIPE (HDPE)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
8	X.3.14.5.110.8	Elbow 45° dia. 160 mm		Bh	375.678,14	INDOPIPE (HDPE)
9	X.3.14.5.110.9	Elbow 45° dia. 180 mm		Bh	542.344,51	INDOPIPE (HDPE)
10	X.3.14.5.110.10	Elbow 45° dia. 200 mm		Bh	632.107,87	INDOPIPE (HDPE)
11	X.3.14.5.110.11	Elbow 45° dia. 225 mm		Bh	797.626,43	INDOPIPE (HDPE)
12	X.3.14.5.110.12	Elbow 45° dia. 250 mm		Bh	1.230.003,72	INDOPIPE (HDPE)
13	X.3.14.5.110.13	Elbow 45° dia. 280 mm		Bh	1.464.748,56	INDOPIPE (HDPE)
14	X.3.14.5.110.14	Elbow 45° dia. 315 mm		Bh	2.222.201,58	INDOPIPE (HDPE)
15	X.3.14.5.110.15	Elbow 45° dia. 355 mm		Bh	2.938.013,10	INDOPIPE (HDPE)
16	X.3.14.5.110.16	Elbow 45° dia. 400 mm		Bh	3.489.100,23	INDOPIPE (HDPE)
17	X.3.14.5.110.17	Elbow 45° dia. 450 mm		Bh	4.411.195,53	INDOPIPE (HDPE)
18	X.3.14.5.110.18	Elbow 45° dia. 500 mm		Bh	6.281.309,43	INDOPIPE (HDPE)
19	X.3.14.5.110.19	Elbow 45° dia. 560 mm		Bh	8.399.043,63	INDOPIPE (HDPE)
20	X.3.14.5.110.20	Elbow 45° dia. 630 mm		Bh	11.952.260,04	INDOPIPE (HDPE)
21	X.3.14.5.110.21	Elbow 45° dia. 710 mm		Bh	17.701.801,65	INDOPIPE (HDPE)
22	X.3.14.5.110.22	Elbow 45° dia. 800 mm		Bh	25.675.398,18	INDOPIPE (HDPE)
23	X.3.14.5.110.23	Elbow 45° dia. 900 mm		Bh	37.898.832,36	INDOPIPE (HDPE)
24	X.3.14.5.110.24	Elbow 45° dia. 1000 mm		Bh	56.794.184,97	INDOPIPE (HDPE)
1	X.3.14.5.111. X.3.14.5.111.1	Air Valve Air Valve ø 3/4" AVK (Series 701/20)		Bh	4.604.304,81	AVK
2	X.3.14.5.111.2	Air Valve AVK ø 1/2" For Water AVK		Bh	3.754.279,40	AVK
3	X.3.14.5.111.3	Air Valve ø 1/2" AVK (Series 701/20)		Bh	3.754.279,40	AVK
4	X.3.14.5.111.4	Air Valve ø 1 1/2" AVK (Series 701/20)		Bh	8.429.419,13	AVK
5	X.3.14.5.111.5	Air Valve ø 3/4" CI Merk Tozen		Bh	1.204.203,19	CASH IRON (CI)
6	X.3.14.5.111.6	Air Valve ø 1" For Water Suppl (Series 701/20) CI		Bh	5.312.659,31	CASH IRON (CI)
7	X.3.14.5.111.7	Air Valve ø 1/2" (Linflow)		Bh	87.095,25	CASH IRON (CI)
8	X.3.14.5.111.8	Air Valve Flend ø 3"		Bh	5.213.489,36	CASH IRON (CI)
	X.3.14.5.112.	Gate Valve				
1	X.3.14.5.112.1	Gate Valve ø 1 1/2" Kitz (Stop Kran ø 1 1/2")		Bh	321.143,94	KITZ
2	X.3.14.5.112.2	Gate Valve ø 2" Kitz Asli Japan		Bh	2.567.136,00	KITZ

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
3	X.3.14.5.112.3	Gate Valve ø 3" Kitz Asli Japan		Bh	3.712.800,00	KITZ
4	X.3.14.5.112.4	Gate Valve Kitz ø 4" (100 mm) Japan		Bh	4.492.488,00	KITZ
5	X.3.14.5.112.5	Gate Valve ø 8" Kitz Asli Japan		Bh	10.129.469,94	KITZ
6	X.3.14.5.112.6	Gate Valve ø 2" Merk AVK		Bh	4.341.363,25	AVK
7	X.3.14.5.112.7	Gate Valve ø 3" Merk AVK		Bh	4.867.387,45	AVK
8	X.3.14.5.112.8	Gate Valve ø 4" Merk AVK		Bh	6.005.996,07	AVK
9	X.3.14.5.112.9	Gate Valve ø 6" Merk AVK		Bh	10.140.944,61	AVK*
10	X.3.14.5.112.10	Gate Valve ø 8" Merk AVK		Bh	14.848.526,78	AVK
11	X.3.14.5.112.11	Gate Valve ø 10" AVK		Bh	20.907.791,99	AVK
12	X.3.14.5.112.12	Gate Valve ø 12" AVK		Bh	33.226.076,33	AVK
13	X.3.14.5.112.13	Gate Valve Kitz ø 12" (300 mm)		Bh	20.864.259,94	AVK
14	X.3.14.5.112.14	Gate Valve ø 16" AVK (400 mm)		Bh	77.372.145,61	AVK
15	X.3.14.5.112.15	Gate Valve ø 20" AVK + by pass		Bh	147.337.736,83	AVK
16	X.3.14.5.112.16	Gate Valve ø 24" AVK + by pass		Bh	166.463.308,44	AVK
17	X.3.14.5.112.17	Gate Valve ø 28" AVK + by pass		Bh	290.425.346,64	AVK
	X.3.14.5.113.	Giboult Joint				
	X.3.14.5.113.1	Giboult Joint Ø 6" For PVC		Bh	1.104.466,77	CI
	X.3.14.5.113.2	Giboult Joint Ø 8" CI For PVC		Bh	1.115.658,21	Cl
	X.3.14.5.113.3	Giboult Joint ø 10" For PVC		Bh	1.435.480,92	CI
	X.3.14.5.113.4	Giboult Joint ø 12" For PVC		Bh	1.710.675,78	CI
	X.3.14.5.113.5	Giboult Joint ø 12" For Steel to PVC		Bh	1.955.058,64	CI
6	X.3.14.5.113.6	Giboult Joint 3" Ci		Bh	383.805,60	CI
7	X.3.14.5.113.7	Giboult Joint 4" Ci		Bh	532.627,63	CI
8	X.3.14.5.113.8	Giboult Joint 6" For PE		Bh	974.668,28	HDPE*
	X.3.14.5.114.	Knee				
1	X.3.14.5.114.1	Knee EGA ø 1/2"		Bh	974.668,28	HDPE
2	X.3.14.5.114.2	Knee ø 1/2" Glv Cl		Bh	6.892,55	GALVANIS
3	X.3.14.5.114.3	Knee ø 1 1/2" Glv		Bh	27.414,18	GALVANIS
4	X.3.14.5.114.4	Knee ø 1" Glv		Bh	21.148,02	GALVANIS
5	X.3.14.5.114.5	Knee ø 2" Glv		Bh	59.528,58	GALVANIS
6	X.3.14.5.114.6	Knee PVC ø 1/2" Drat Dalam		Bh	3.838,06	PVC
7	X.3.14.5.114.7	Knee PVC ø 3/4" Biasa		Bh	4.700,21	PVC
8	X.3.14.5.114.8	Knee PVC ø 1" Biasa		Bh	4.700,21	PVC
9	X.3.14.5.114.9	Knee PVC ø 1 1/2" Biasa		Bh	14.881,85	PVC
		Knee PVC ø 2" Biasa		Bh	16.057,20	PVC
	X.3.14.5.114.11			Bh	31.330,83	PVC
		Knee PVC ø 3/4" Tebal		Bh	11.748,77	PVC
		Knee PVC ø 1" Tebal		Bh	11.748,77	PVC
		Knee PVC ø 2" Sii		Bh	43.785,74	SII
		Knee PVC ø 3" Sii		Bh	140.519,54	SII
16	X.3.14.5.114.16	Knee PVC ø 4" Sii		Bh	187.830,14	SII

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
17	X.3.14.5.114.17	Knee PVC ø 6" Sii Maspion		Bh	438.056,85	MASPION
18	X.3.14.5.114.18	Knee PVC ø 6" AW		Bh	356.704,61	PVC
19	X.3.14.5.114.19	Knee PVC ø 6" Tipis		Bh	86.160,37	PVC
20	X.3.14.5.114.20	Knee Stainless Steel ø 3/4" Biasa		Bh	368.140,19	STEEL
21	X.3.14.5.114.21	Knee Stainless Steel ø 3/4" Freser 1500		Bh	368.140,19	STEEL
22	X.3.14.5.114.22	Knee Stainless Tebal ø 3/4" (3000 PSA)		Bh	626.621,29	STEEL
23	X.3.14.5.114.23	Knee ø 1" Stainless Steel tebal		Bh	626.621,29	STEEL
		Knee Stainless ø 1" s 304		Bh	87.584,39	STEEL
25	X.3.14.5.114.25	Knee Stainless ø 1" s 306		Bh	87.584,39	STEEL
26	X.3.14.5.114.26	Knee Stainless ø 3" 900 Sch 40		Bh	548.294,22	STEEL
27	X.3.14.5.114.27	Knee ø 3" seed 40 Stainless		Bh	791.109,91	STEEL
	X.3.14.5.115.	Klam Sadle				
1	X.3.14.5.115.1	Klam Sadle PVC ø 3" - 1/2" Maspion		Bh	78.063,15	MASPION
2	X.3.14.5.115.2	Klam Sadle PVC ø 2" - 1/2" SII		Bh	69.711,39	SII
3	X.3.14.5.115.3	Klam Sadle PVC ø 3" - 1/2" SII		Bh	85.376,81	SII
4	X.3.14.5.115.4	Klam Sadle PVC ø 4" - 1/2" SII		Bh	101.042,22	SII
	X.3.14.5.116.	Nepel				
1	X.3.14.5.116.1	Nepel Drat ø 1/2" Stainless		Bh	40.730,08	GALVANIS
2	X.3.14.5.116.2	Nepel Glv 1/2"		Bh	6.551,21	GALVANIS
3	X.3.14.5.116.3	Nepel Glv 1"		Bh	11.748,77	GALVANIS
4	X.3.14.5.116.4	Nepel Glv 1 1/2"		Bh	27.414,18	GALVANIS
5	X.3.14.5.116.5	Nepel Socket ø 1/2" PVC		Bh	4.700,21	PVC
6	X.3.14.5.116.6	Nepel Socket ø 3/4" PVC		Bh	7.049,73	PVC
7	X.3.14.5.116.7	Nepel Socket ø 1" PVC		Bh	7.833,29	PVC
8	X.3.14.5.116.8	Nepel Socket ø 1 1/2" PVC biasa		Bh	18.406,72	PVC
	X.3.14.5.116.9	Nepel Socket ø 2" PVC biasa		Bh	21.931,58	PVC
10	X.3.14.5.116.10	Nepel Socket ø 3" PVC biasa		Bh	35.247,48	PVC
11		Nepel Socket ø 4" PVC biasa		Bh	50.912,89	PVC
4	X.3.14.5.117.	Double Neple		DI-	11 740 77	CALVANIC
	X.3.14.5.117.1	Double Neple ø 1/2" Glv		Bh	11.748,77	GALVANIS
	X.3.14.5.117.2	Double Neple Ø 3/4" Glv		Bh	14.193,30	GALVANIS
-	X.3.14.5.117.3	Double Neple ø 1" Glv		Bh	19.582,06	GALVANIS
	X.3.14.5.117.4	Double Neple ø 1 1/2" Glv		Bh	21.931,58	GALVANIS
	X.3.14.5.117.5	Double Neple ø 1 1/2" Glv		Bh	25.848,23	GALVANIS
	X.3.14.5.117.6	Double Neple Ø 2" Glv		Bh	50.129,33	GALVANIS PVC
7	X.3.14.5.117.7	Double Neple ø 1/2" PVC Double Neple ø 1" PVC		Bh	4.700,21	PVC
	X.3.14.5.117.8	,		Bh	9.791,03	KUNINGAN,
9	X.3.14.5.117.9	Double Neple ø 1/4" Kuningan		Bh	21.931,58	STEEL

10 X.3.14.5.117.10 Double Neple of 1/2" Kuningan Bh Z8.197.15 STEEL X.3.14.5.117.11 Double Neple of 1/2" Stainless Bh 40.730.08 STEEL X.3.14.5.117.12 Double Neple of 1/2" Bigla Bh 297.645.23 KUNINGAN, STEEL X.3.14.5.118.11 Reducer St. X.3.14.5.118.12 Reducer of 50.00 Bh 24.388.645.94 KUNINGAN X.3.14.5.118.12 Reducer of 50.00 Bh 24.388.645.94 KUNINGAN X.3.14.5.118.13 Reducer of 50.00 Reducer Silver 1/12" Bh 20.365.63 KUNINGAN X.3.14.5.118.13 Reducer of 50.00 Reducer Silver 1/12" Bh 20.365.63 KUNINGAN X.3.14.5.118.13 Reducer Coping of 2.172-11/2" Bh 20.365.63 KUNINGAN X.3.14.5.118.14 Reducer Coping of 2.172-11/2" Bh 20.365.63 KUNINGAN X.3.14.5.118.15 Reducer Coping of 2.172-11/2" Bh 20.365.63 KUNINGAN X.3.14.5.118.16 Reducer Coping of 4.2" AW Bh 28.981.31 KUNINGAN X.3.14.5.118.17 Reducer of 5.4" Sc.40 Bh 66.578.31 KUNINGAN X.3.14.5.118.18 Reducer of 5.4" Sc.40 Bh 509.130.00 KUNINGAN X.3.14.5.118.19 Reducer of 5.4" Sc.40 Bh 422.969.72 KUNINGAN X.3.14.5.118.10 Reducer of 5.5" Sc.40 Bh 422.969.72 KUNINGAN X.3.14.5.118.11 Reducer of 5.4" Sc.40 Bh 524.795.11 KUNINGAN X.3.14.5.118.11 Reducer of 5.4" Sc.40 Bh 524.795.11 KUNINGAN X.3.14.5.118.11 Reducer of 5.4" Sc.40 Bh 524.795.11 KUNINGAN X.3.14.5.118.12 Reducer of 5.4" Sc.40 Bh 5.20.40 Bh 5.20.40 X.3.14.5.118.13 Reducer of 5.4" Sc.40 Bh 5.20.40 Bh 5.20.40 STEEL KUNINGAN X.3.14.5.118.14 Reducer of 5.4" Sc.40 Bh 5.20.40 Bh 5.20.40 STEEL KUNINGAN X.3.14.5.118.15 Reducer of 5.4" Sc.40 Bh 5.20.40 Bh 5.20.40 STEEL KUNINGAN X.3.14.5.118.13 Reducer of 5.4" Sc.40 Bh 5.20.40 Bh 5.20.40 STEEL KUNINGAN X.3.14.5.118.14 Reducer of 5.4" Sc.40 Bh 5.20.40 STEEL KUNINGAN X.3.14.5.118.15 Reducer of 5.4" Sc.40 Bh 5.20.40 STEEL KUNINGAN X.3.14.5.118.14	NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
X.314.5.118.1 Steel	10	X.3.14.5.117.10	Double Neple ø 1/2" Kuningan		Bh	28.197,75	
X.3.14.5.118.1 Reducer 500 MM - 0 250 MM Bh	11	X.3.14.5.117.11			Bh	40.730,08	
1	12	X.3.14.5.117.12	, ,		Bh	297.645,23	
X.3.14.5.118.1 Steel		X.3.14.5.118.	Reducer				
X.3.14.5.118.2 Reducer 36 x 174 kuningan Bn 65.744,74 KUNINGAN STEEL, K	1	X.3.14.5.118.1			Bh	24.388.645,94	
A. 3.14.5.118.18 Reducer Copling o 2 1/2 - 1 1/2" Reducer Copling o 2 1/2 - 1 1/2" Reducer Copling o 2 1/2 - 1 1/2" Reducer Copling o 4" - 2" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer Copling o 4" - 3" AW Blasa Lem Reducer copling o 4" - 3" AW Blasa	2	X.3.14.5.118.2	Reducer 3/8" x 1/4 Kuningan		Bh	65.794,74	
Mathematical Computer Note Mathematical C	3	X.3.14.5.118.3	Kuningan		Bh	20.365,63	
Sample	4	X.3.14.5.118.4	. •		Bh	1.187.300,40	
No. 14.5.118.10 Biasa Lem Bin So. 18.31 KUNINGAN	5	X.3.14.5.118.5	Biasa Lem		Bh	28.981,31	
X.3.14.5.118.19 Reducer θ 6' - 4" Sc.40 Bh 422.969,72 STEEL, KUNINGAN	6	X.3.14.5.118.6	. •		Bh	66.578,31	KUNINGAN
X.3.14.5.118.18 Reducer φ 6" - 5" Sc.40 Bh 422.969,72 KUNINGAN STEEL, KUNINGAN STEE	7	X.3.14.5.118.7	Reducer ø 6" - 3" Steel		Bh	509.130,09	KUNINGAN
X.3.14.5.118.19 Reducer Ø 8" - 6" Steel Flend Bh 524.795.51 KUNINGAN STEEL, KUNINGAN	8	X.3.14.5.118.8	Reducer ø 6" - 4" Sc.40		Bh	422.969,72	KUNINGAN
X.3.14.5.118.10 Reducer θ 8" - 6" Sc.40 Bh S24.795,51 KUNINGAN STEEL	9	X.3.14.5.118.9	Reducer ø 6" - 5" Sc.40		Bh	422.969,72	
11 X.3.14.5.118.11 Reducer Ø 8" - 6" Steel Flend Bh 1.502.961,92 KUNINGAN STEEL, KUNINGA	10	X.3.14.5.118.10	Reducer Ø 8" - 6" Sc.40		Bh	524.795,51	KUNINGAN
1.700.050,81 KUNINGAN 13 X.3.14.5.118.12 Reducer Ø 10" - 8" Steel Field 13 X.3.14.5.118.13 Reducer Ø 16" - 10" Steel Sc.40 14 X.3.14.5.118.14 Reducer Ø 3/4" x 1/2" Glv 15 X.3.14.5.118.15 Reducer 2 x 1 1/2" Glv 16 X.3.14.5.118.16 Reducer 3 x 1 1/2" Glv 17 X.3.14.5.118.17 Reducer 2 x 1 1/2 Glv 18 X.3.14.5.118.18 Reducer Ø 1" x 1/2" Blasa PVC 19 X.3.14.5.118.19 Reducer Ø 1" x 1/2" Blasa PVC 19 X.3.14.5.118.20 Reducer Ø 1 1/2" x 1/2" PVC 10 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1/2" PVC 10 X.3.14.5.118.22 Reducer Ø 1 1/2" x 1" PVC 11 X.3.14.5.118.23 Reducer Ø 2" - 1/2" RR SII PVC 12 X.3.14.5.118.24 Reducer Ø 2" - 1/2" RR SII PVC 23 X.3.14.5.118.25 Reducer Ø 2" - 1/2" RR SII PVC 24 X.3.14.5.118.26 Reducer Ø 3" - 2" RR SII PVC 25 X.3.14.5.118.26 Reducer Ø 4" - 2" RR SII PVC 26 X.3.14.5.118.27 Reducer Ø 4" - 2" RR SII PVC 27 X.3.14.5.118.28 Reducer Ø 4" - 3" RR SII PVC 28 X.3.14.5.118.29 Reducer Ø 6" - 4" RR SII PVC 29 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 20 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 21 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 22 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 24 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 25 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 26 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 27 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 28 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 20 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 20 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 21 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 22 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 23 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 24 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 25 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC 26	11	X.3.14.5.118.11	Reducer ø 8" - 6" Steel Flend		Bh	1.522.961,92	KUNINGAN
Sample S	12	X.3.14.5.118.12	Reducer ø 10" - 8" Steel Flend		Bh	1.700.050,81	
15 X.3.14.5.118.15 Reducer 2 x 1 1/2" Glv Bh 50.129,33 GALVANIS 16 X.3.14.5.118.16 Reducer 3 x 1 1/2" Glv Bh 122.191,41 GALVANIS 17 X.3.14.5.118.17 Reducer 2 x 1 1/2 Glv Bh 50.129,33 GALVANIS 18 X.3.14.5.118.18 Reducer Ø 1" x 1/2" Biasa PVC Bh 9.399,25 PVC 19 X.3.14.5.118.19 Reducer Ø 1 1/2" x 1/2" PVC Bh 11.748,77 PVC 20 X.3.14.5.118.20 Reducer Ø 1 1/2" x 1/2" PVC Bh 10.966,38 PVC 21 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer Ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 161.668,73 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 26 X.3.14.5.118.26 Reducer Ø 6" - 4" RR SII PVC Bh	13	X.3.14.5.118.13	Reducer ø 16" - 10" Steel Sc.40		Bh	3.991.577,18	•
16 X.3.14.5.118.16 Reducer 3 x 1 1/2" GIV Bh 122.191,41 GALVANIS 17 X.3.14.5.118.17 Reducer 2 x 1 1/2 GIV Bh 50.129,33 GALVANIS 18 X.3.14.5.118.18 Reducer φ 1" x 1/2" Biasa PVC Bh 9.399,25 PVC 19 X.3.14.5.118.19 Reducer 1 - 3/4" PVC Bh 11.748,77 PVC 20 X.3.14.5.118.20 Reducer φ 1 1/2" x 1/2" PVC Bh 10.966,38 PVC 21 X.3.14.5.118.21 Reducer φ 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer φ 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer φ 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer φ 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer φ 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer φ 4" - 3" RR SII PVC Bh 181.093,61 PVC 28 X.3.14.5.118.29 Reducer φ 8" - 4" RR SII PVC Bh <td< td=""><td>14</td><td>X.3.14.5.118.14</td><td>Reducer ø 3/4" x 1/2" Glv</td><td></td><td>Bh</td><td>7.049,73</td><td>GALVANIS</td></td<>	14	X.3.14.5.118.14	Reducer ø 3/4" x 1/2" Glv		Bh	7.049,73	GALVANIS
17 X.3.14.5.118.17 Reducer 2 x 1 1/2 GlV Bh 50.129,33 GALVANIS 18 X.3.14.5.118.18 Reducer φ 1" x 1/2" Biasa PVC Bh 9.399,25 PVC 19 X.3.14.5.118.19 Reducer 1 - 3/4" PVC Bh 11.748,77 PVC 20 X.3.14.5.118.20 Reducer Ø 1 1/2" x 1/2" PVC Bh 10.966,38 PVC 21 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer Ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.23 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh <	15	X.3.14.5.118.15	Reducer 2 x 1 1/2" Glv		Bh	50.129,33	GALVANIS
18 X.3.14.5.118.18 Reducer Ø 1" x 1/2" Blasa PVC Bh 9.399,25 PVC 19 X.3.14.5.118.19 Reducer 1 - 3/4" PVC Bh 11.748,77 PVC 20 X.3.14.5.118.20 Reducer Ø 1 1/2" x 1/2" PVC Bh 10.966,38 PVC 21 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer Ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.29 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh	16	X.3.14.5.118.16	Reducer 3 x 1 1/2" Glv		Bh	122.191,41	GALVANIS
19 X.3.14.5.118.19 Reducer 1 - 3/4" PVC Bh 11.748,77 PVC 20 X.3.14.5.118.20 Reducer Ø 1 1/2" x 1"2" PVC Bh 10.966,38 PVC 21 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer Ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	17	X.3.14.5.118.17	Reducer 2 x 1 1/2 Glv		Bh	50.129,33	GALVANIS
20 X.3.14.5.118.20 Reducer Ø 1 1/2" x 1/2" PVC Bh 10.966,38 PVC 21 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer Ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	18	X.3.14.5.118.18	Reducer ø 1" x 1/2" Biasa PVC		Bh	9.399,25	PVC
21 X.3.14.5.118.21 Reducer Ø 1 1/2" x 1" PVC Bh 15.665,42 PVC 22 X.3.14.5.118.22 Reducer Ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	19	X.3.14.5.118.19	Reducer 1 - 3/4" PVC		Bh	11.748,77	PVC
22 X.3.14.5.118.22 Reducer ø 2" - 1/2" RR SII PVC Bh 59.491,04 PVC 23 X.3.14.5.118.23 Reducer ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	20	X.3.14.5.118.20	Reducer ø 1 1/2" x 1/2" PVC		Bh	10.966,38	PVC
23 X.3.14.5.118.23 Reducer Ø 2" - 1" RR SII PVC Bh 17.623,15 PVC 24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	21	X.3.14.5.118.21	Reducer ø 1 1/2" x 1" PVC		Bh	15.665,42	PVC
24 X.3.14.5.118.24 Reducer Ø 3" - 2" RR SII PVC Bh 95.559,62 PVC 25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	22	X.3.14.5.118.22	Reducer ø 2" - 1/2" RR SII PVC		Bh	59.491,04	PVC
25 X.3.14.5.118.25 Reducer Ø 4" - 2" RR SII PVC Bh 161.668,73 PVC 26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	23	X.3.14.5.118.23	Reducer ø 2" - 1" RR SII PVC		Bh	17.623,15	PVC
26 X.3.14.5.118.26 Reducer Ø 4" - 3" RR SII PVC Bh 181.093,61 PVC 27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	24	X.3.14.5.118.24	Reducer ø 3" - 2" RR SII PVC		Bh	95.559,62	PVC
27 X.3.14.5.118.27 Reducer Ø 6" - 4" RR SII PVC Bh 320.829,58 PVC 28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	25	X.3.14.5.118.25	Reducer ø 4" - 2" RR SII PVC		Bh	161.668,73	PVC
28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	26	X.3.14.5.118.26	Reducer ø 4" - 3" RR SII PVC		Bh	181.093,61	PVC
28 X.3.14.5.118.28 Reducer Ø 8" - 4" RR SII PVC Bh 806.775,32 PVC 29 X.3.14.5.118.29 Reducer Ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	27	X.3.14.5.118.27	Reducer ø 6" - 4" RR SII PVC		Bh	320.829,58	PVC
29 X.3.14.5.118.29 Reducer ø 10" - 8" RR SII PVC Bh 1.000.635,86 PVC	28	X.3.14.5.118.28	Reducer ø 8" - 4" RR SII PVC		Bh	806.775,32	PVC
30 X.3.14.5.118.30 Reducer ø 12" - 10" RR SII PVC Bh 1.484.002,98 PVC	29	X.3.14.5.118.29	Reducer ø 10" - 8" RR SII PVC		Bh	1.000.635,86	PVC
	30	X.3.14.5.118.30	Reducer ø 12" - 10" RR SII PVC		Bh	1.484.002,98	PVC

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
31	X.3.14.5.118.31	Reducer ø 3/4" - 1/2" PVC		Bh	6.266,17	PVC
32	X.3.14.5.118.32	Reducer ø 2" - 1/2" lem PVC		Bh	21.148,02	PVC
33	X.3.14.5.118.33	Reducer ø 6" - 3" PVC RS SII		Bh	249.630,82	PVC
34	X.3.14.5.118.34	Reducer ø 8" - 6" PVC RS SII		Bh	649.336,44	PVC
35	X.3.14.5.118.35	Reducer ø 3" - 2" PVC Maspion RR SNI 12,5		Bh	100.643,40	MASPION (PVC)
36	X.3.14.5.118.36	Reducer ø 8" - 3" PVC Maspion		Bh	797.376,08	MASPION (PVC)
37	X.3.14.5.118.37	Reducer ø 8" - 6" PVC Maspion RR SNI 12,5		Bh	1.096.755,00	MASPION (PVC)
38	X.3.14.5.118.38	Reducer ø 12" - 10" PVC Maspion		Bh	4.816.810,63	MASPION (PVC)
	X.3.14.5.119.	Elbow Las 45°				
1	X.3.14.5.119.1	Elbow Las ø 2" - 45° Sc.40		Bh	27.418,88	MASPION (PVC)
2	X.3.14.5.119.2	Elbow Las ø 3" - 45° Sc.40		Bh	74.837,40	MASPION (PVC)
3	X.3.14.5.119.3	Elbow Las ø 4" - 45° Sc.40		Bh	137.094,38	MASPION (PVC)
4	X.3.14.5.119.4	Elbow Las ø 6" - 45° Sc.40		Bh	354.832,50	MASPION (PVC)
5	X.3.14.5.119.5	Elbow Las Ø 8" - 45° Sc.40		Bh	645.150,00	MASPION (PVC) MASPION
6	X.3.14.5.119.6	Elbow Las Ø 10" - 45° Sc.40 Elbow Las Ø 16" - 45° Sc.80		Bh	1.137.708,00	(PVC) MASPION
	X.3.14.5.119.7	(400 mm)		Bh	14.762.107,65	(PVC)
8	X.3.14.5.119.8	Elbow Galv Medium ø 6" - 45°		Bh	499.730,84	GALVANIS
9	X.3.14.5.119.9	Elbow Galv Medium ø 12" - 45°		Bh	1.367.124,03	GALVANIS
10	X.3.14.5.119.10	Elbow Galv Medium ø 12" - 45°		Bh	3.796.780,35	GALVANIS
	X.3.14.5.120.	Elbow Las 90°				
1	X.3.14.5.120.1	Elbow Las ø 1/2" - 90° Sc.40		Bh	32.257,50	GALVANIS
2	X.3.14.5.120.2	Elbow Las ø 3/4" - 90° Sc.40		Bh	32.257,50	GALVANIS
3	X.3.14.5.120.3	Elbow Las ø 2" - 90° Sc.40		Bh	58.746,19	GALVANIS
4	X.3.14.5.120.4	Elbow Las ø 3" - 90° Stainless Steel		Bh	822.440,74	GALVANIS
5	X.3.14.5.120.5	Elbow Las ø 3" - 90° Sc.40		Bh	125.324,49	GALVANIS
6	X.3.14.5.120.6	Elbow Las ø 4" - 90° Sc.40		Bh	178.061,40	GALVANIS
7	X.3.14.5.120.7	Elbow Las ø 4" - 90° Sc.40		Bh	236.549,53	GALVANIS
8	X.3.14.5.120.8	Elbow Las Stainless Steel ø 4" - 90°		Bh	2.125.063,51	GALVANIS
		Elbow Las ø 6" - 90°		Bh	571.791,75	GALVANIS
10	X.3.14.5.120.10	Elbow Las ø 8" - 90° Sc.40		Bh	814.607,45	GALVANIS
		Elbow Las ø 10" - 90° Sc.40		Bh	1.375.459,80	GALVANIS
12	X.3.14.5.120.12	Elbow Las ø 10" - 90° Sc.40		Bh	1.452.127,00	GALVANIS
13	X.3.14.5.120.13	Elbow Las ø 12" - 90° Sc.40		Bh	2.606.744,15	GALVANIS
14	X.3.14.5.120.14	Elbow Las ø 16" - 90° Sc.40		Bh	7.688.337,88	GALVANIS
15	X.3.14.5.120.15	Elbow Las ø 16" - 90° Sc.40 (400 mm)		Bh	9.286.527,49	GALVANIS
16	X.3.14.5.120.16	Elbow Las ø 4" - 90° Sc.80		Bh	462.132,68	GALVANIS

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
17	X.3.14.5.120.17	Elbow Las ø 4" - 90° Sc.80		Bh	462.132,68	GALVANIS
18	X.3.14.5.120.18	Elbow Las ø 12" - 90° Sc.80		Bh	5.865.174,87	GALVANIS
19	X.3.14.5.120.19	Elbow Las ø 16" - 90° Sc.80		Bh	14.762.107,65	GALVANIS
20	X.3.14.5.120.20	Elbow Galvanis Medium ø 12" - 90°		Bh	1.598.047,46	GALVANIS
	X.3.14.5.121.	Tee				
1	X.3.14.5.121.1	Tee ø 3" - 1 1/2" PVC AW Super		Bh	469.965,97	GALVANIS
2	X.3.14.5.121.2	Tee AW ø 4" - 4" PVC		Bh	133.156,61	GALVANIS
	X.3.14.5.121.3	Tee ø 1/2" - 1/2" Bahan Kuningan		Bh	18.798,50	GALVANIS
4	X.3.14.5.121.4	Tee All Flend ø 4" - 4" Ci		Bh	822.440,74	GALVANIS
5	X.3.14.5.121.5	Tee BDS EGA 3c		Bh	12.219,14	GALVANIS
6	X.3.14.5.121.6	Tee Coupling ø 1/2" HDPE		Bh	22.980,24	GALVANIS
7	X.3.14.5.121.7	Tee Cubbing 6 mm		Bh	43.863,16	GALVANIS
8	X.3.14.5.121.8	Tee ø 1" - 1" Karbon Steel		Bh	39.164,12	GALVANIS
9	X.3.14.5.121.9	Tee ø 1/2" - 1/2" PVC		Bh	5.326,59	GALVANIS
10	X.3.14.5.121.10	Tee ø 1 1/2" - 1 1/2" Tebal PVC		Bh	21.931,58	GALVANIS
11	X.3.14.5.121.11	Tee ø 2" - 2" Biasa		Bh	26.631,79	GALVANIS
12	X.3.14.5.121.12	Tee ø 3" - 1 1/2" Biasa		Bh	28.589,53	GALVANIS
13	X.3.14.5.121.13	Tee ø 3" - 2" Lem Biasa		Bh	34.178,87	GALVANIS
14	X.3.14.5.121.14	Tee ø 3" - 3" Lem Biasa		Bh	58.746,19	GALVANIS
15	X.3.14.5.121.15	Tee Dos EGA 3c		Bh	14.099,46	GALVANIS
16	X.3.14.5.121.16	Tee ø 8" - 3" PVC RR SII		Bh	2.054.228,59	GALVANIS
17	X.3.14.5.121.17	Tee ø 8" - 6" PVC RR SNI		Bh	2.275.416,00	GALVANIS
18	X.3.14.5.121.18	Tee ø 1/2" - ø 1/2" Glv		Bh	9.826,22	GALVANIS
19	X.3.14.5.121.19	Tee ø 1" - ø 1" Glv		Bh	17.232,54	GALVANIS
20	X.3.14.5.121.20	Tee ø 1" - ø 1" Galvanis		Bh	14.193,30	GALVANIS
		Tee ø 1 1/2" - ø 1 1/2" Galvanis		Bh	135.115,52	GALVANIS
		Tee ø 3/4" - 3/4" PVC Rucika		Bh	9.869,62	RUCIKA (PVC)
		Tee ø 1" - 3/4" PVC Rucika Tee ø 1" - 1" PVC Rucika		Bh Bh	11.279,57 7.833,29	RUCIKA (PVC) RUCIKA (PVC)
	X.3.14.5.121.25	Tee ø 2" - 2" PVC RR SNI 12,5 Maspion		Bh	212.899,50	MASPION (PVC)
26	X.3.14.5.121.26	Tee ø 3" - 2" PVC RR SNI 12,5 Maspion		Bh	283.866,00	MASPION (PVC)
27	X.3.14.5.121.27	Tee ø 4" - 2" PVC RR SNI 12,5 Maspion		Bh	434.250,47	MASPION (PVC)
28	X.3.14.5.121.28	Tee ø 4" - 3" PVC RR SNI 12,5 Maspion		Bh	445.153,50	MASPION (PVC)
29	X.3.14.5.121.29	Tee ø 8" - 3" PVC RR SNI 12,5 Maspion		Bh	1.861.173,60	MASPION (PVC)
	X.3.14.5.122.	Tee Sock				
1	X.3.14.5.122.1	Tee Sock 8 mm x 1/8"		Bh	30.547,27	MASPION (PVC)
2	X.3.14.5.122.2	Tee Sock ø 6" - 2" PVC RR SII Maspion		Bh	1.062.532,29	MASPION (PVC)
3	X.3.14.5.122.3	Tee Sock ø 8" - 3" PVC RR SII Maspion		Bh	2.259.650,39	MASPION (PVC)

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	X.3.14.5.122.4	Tee Sock ø 10" - 3" PVC RR SII Maspion		Bh	4.286.961,18	MASPION (PVC)
5	X.3.14.5.122.5	Tee Sock ø 10" - 4" PVC RR SII Maspion		Bh	4.830.977,61	MASPION (PVC)
6	X.3.14.5.122.6	Tee Sock ø 10" - 6" PVC RR SII Maspion		Bh	4.986.815,50	MASPION (PVC)
7	X.3.14.5.122.7	Tee Sock ø 4" - 4" PVC RR SII		Bh	563.959,63	PVC
8	X.3.14.5.122.8	Tee Sock ø 6" - 6" PVC RR SII		Bh	1.367.478,34	PVC
9	X.3.14.5.122.9	Tee Sock ø 8" - 8" PVC RR SII		Bh	2.564.031,04	PVC
10	X.3.14.5.122.10	Tee Sock ø 2" - 2" PVC RR SII Vinilon		Bh	237.802,29	VINILON (PVC)
11	X.3.14.5.122.11	Tee Sock ø 3" x 2" PVC RR SII Vinilon		Bh	312.527,08	VINILON (PVC)
12	X.3.14.5.122.12	Tee Sock ø 3" - 2" PVC RR SII Vinilon		Bh	327.252,92	VINILON (PVC)
13	X.3.14.5.122.13	Tee Sock ø 4" x 2" PVC RR SII Vinilon		Bh	497.380,15	VINILON (PVC)
14	X.3.14.5.122.14	Tee Sock ø 4" - 3" PVC RR SII Vinilon		Bh	512.419,19	VINILON (PVC)
15	X.3.14.5.122.15	Tee Sock ø 6" x 3" PVC RR SII Vinilon		Bh	1.332.414,66	VINILON (PVC)
16	X.3.14.5.122.16	Tee Sock ø 6" x 4" PVC RR SII Vinilon		Bh	1.340.206,23	VINILON (PVC)
17	X.3.14.5.122.17	Tee Sock ø 8" x 4" PVC RR SII Vinilon		Bh	2.388.571,54	VINILON (PVC)
18	X.3.14.5.122.18	Tee Sock ø 8" x 6" PVC RR SII Vinilon		Bh	2.453.032,11	VINILON (PVC)
19	X.3.14.5.122.19	Tee Sock ø 2" - 2" PVC RR SNI Vinilon		Bh	202.964,19	VINILON (PVC)*
20	X.3.14.5.122.20	Tee Sock ø 3" - 2" PVC RR SNI Vinilon		Bh	268.382,40	VINILON (PVC)
21	X.3.14.5.122.21	Tee Sock ø 3" - 3" PVC RR SNI Vinilon		Bh	275.866,14	VINILON (PVC)
22	X.3.14.5.122.22	Tee Sock ø 4" - 2" PVC RR SNI Vinilon		Bh	469.540,17	VINILON (PVC)
23	X.3.14.5.122.23	Tee Sock ø 4" - 3" PVC RR SNI Vinilon		Bh	475.346,52	VINILON (PVC)
24	X.3.14.5.122.24	Tee Sock ø 4" - 4" PVC RR SNI Vinilon		Bh	483.217,35	VINILON (PVC)
25	X.3.14.5.122.25	Tee Sock ø 6" - 3" PVC RR SNI Vinilon		Bh	1.143.075,65	VINILON (PVC)
26	X.3.14.5.122.26	Tee Sock ø 6" - 4" PVC RR SNI Vinilon		Bh	1.150.310,30	VINILON (PVC)
27	X.3.14.5.122.27	Tee Sock ø 4" Stainless Steel Sc.60		Bh	2.550.076,21	STEEL
28	X.3.14.5.122.28	Tee Sock ø 4" Steel Sc.80		Bh	1.168.785,20	STEEL
29	X.3.14.5.122.29	Tee Sock ø 3/4" Stainless Steel Tebal		Bh	704.949,54	STEEL
	X.3.14.5.123.	Tee Y				
1	X.3.14.5.123.1	Tee Y ø 3" - 3" PVC Biasa		Bh	39.164,12	PVC
2	X.3.14.5.123.2	Tee Y ø 4" - 3" PVC Biasa		Bh	66.578,31	PVC
3	X.3.14.5.123.3	Tee Y ø 6" - 4" PVC AW		Bh	103.392,91	PVC

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.124.	Dop				
1	X.3.14.5.124.1	Dop ø 2" PVC RR SNI Merk Vinilon		Bh	44.902,44	VINILON (PVC)
2	X.3.14.5.124.2	Dop ø 3" PVC RR SNI Merk Vinilon		Bh	81.159,87	VINILON (PVC)
3	X.3.14.5.124.3	Dop ø 4" PVC RR SNI Merk Vinilon		Bh	145.674,87	VINILON (PVC)
4	X.3.14.5.124.4	Dop ø 6" PVC RR SNI Merk Vinilon		Bh	241.544,16	VINILON (PVC)
5	X.3.14.5.124.5	Dop ø 6" PVC RR SII Merk Vinilon		Bh	287.390,87	VINILON (PVC)
6	X.3.14.5.124.6	Dop ø 8" PVC RR SII Merk Vinilon		Bh	610.016,30	VINILON (PVC)
7	X.3.14.5.124.7	Dop ø 3" PVC RR SII		Bh	87.413,13	VINILON (PVC)
8	X.3.14.5.124.8	Dop ø 1/2" PVC		Bh	3.524,87	PVC
9	X.3.14.5.124.9	Dop ø 3/4" PVC		Bh	5.482,60	PVC
10	X.3.14.5.124.10	Dop ø 3" PVC AW		Bh	39.164,12	PVC
11	X.3.14.5.124.11	Dop ø 4" PVC AW		Bh	128.457,58	PVC
12	X.3.14.5.124.12	Dop ø 6" PVC AW		Bh	155.088,20	PVC
13	X.3.14.5.124.13	Dop ø 2" PVC RR Merk Maspion RR		Bh	63.224,70	MASPION (PVC)
14	X.3.14.5.124.14	Dop ø 3" PVC RR Merk Maspion RR		Bh	100.643,40	MASPION (PVC)
15	X.3.14.5.124.15	Dop ø 12" PVC RR Merk Maspion RR		Bh	1.537.947,84	MASPION (PVC)
16	X.3.14.5.124.16	Dop ø 4" PVC Merk Maspion		Bh	157.125,70	MASPION (PVC)
17	X.3.14.5.124.17	Dop ø 4" PVC RR SNI Merk Maspion		Bh	462.132,68	MASPION (PVC)
	X.3.14.5.125.	Duck Food				
1	X.3.14.5.125.1	Duck Food ø 4"		Bh	1.143.583,51	MASPION (PVC)
2	X.3.14.5.125.2	Duck Food ø 4" CI SII		Bh	1.841.721,71	SII
	V 0 4 4 5 40 /	-				
	X.3.14.5.126. X.3.14.5.126.1	Fire Hydrant Fire Hydrant ø 3" Merk Apron		Bh	4.108.456,12	APRON
2	X.3.14.5.126.2	Fire Hydrant 4" Merk Apron Double		Bh	5.843.924,92	APRON
	X.3.14.5.127.	Flange Steel				
	X.3.14.5.127.1	Flange Steel 4" JIS 10 K		Bh	122.974,97	STEEL
	X.3.14.5.127.2	Flange Steel 4" Stainless Steel		Bh	651.685,96	STEEL
3	X.3.14.5.127.3	Flange Steel ø 6" JIS 10 K		Bh	211.484,86	STEEL
	X.3.14.5.127.4	Flange Steel 8" Lubang 12		Bh	300.778,31	STEEL
	X.3.14.5.127.5	Flange Steel ø 8" PN 16		Bh	783.276,62	STEEL
		Flange Steel Ø 8" lubang 8	1	Bh	378.323,00	STEEL
	X.3.14.5.127.7	Flange Steel ø 10" K10		Bh	446.467,26	STEEL
		Flange Steel Ø 10" PN 16		Bh	806.437,50	STEEL
		Flange Steel 10" JIS 10 K		Bh	446.467,26	STEEL
10	x.3.14.5.127.10	Flange Steel ø 12" K 10		Bh	580.635,00	STEEL

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
11	X.3.14.5.127.11	Flange Steel ø 12" PN 16		Bh	1.345.874,09	STEEL
12	X.3.14.5.127.12	Flange Steel ø12" PN 16 Lubang 12 Tebal 25mm Pabrikasi		Bh	1.275.038,11	STEEL
13	X.3.14.5.127.13	Flange Steel 350mm Pabrikasi		Bh	3.187.595,80	STEEL
14	X.3.14.5.127.14	Flange Steel ø 14" (350mm) Tebal 25mm Pabrikasi		Bh	3.187.595,80	STEEL
15	X.3.14.5.127.15	Flange Steel 14" K 10 Standart		Bh	759.777,91	STEEL
16	X.3.14.5.127.16	Flange Steel ø 16" (400mm)		Bh	1.770.886,79	STEEL
17	X.3.14.5.127.17	Flange Steel ø 16" (400mm) Tebal 3cm Pabrikasi		Bh	5.666.836,03	STEEL
18	X.3.14.5.127.18	Flange Steel ø 20/500mm K 10		Bh	2.195.899,49	STEEL
19	X.3.14.5.127.19	Flange Steel ø 20/500mm Tebal 2,5cm Pabrikasi		Bh	5.843.924,92	STEEL
20	X.3.14.5.127.20	Flange Steel ø 20" (500mm) PN 16		Bh	7.366.886,84	STEEL
21	X.3.14.5.127.21	Flange Steel ø 20" 10 K (500mm)		Bh	2.125.063,51	STEEL
22	X.3.14.5.127.22	Flange Steel 500mm (For DCIP)		Bh	8.571.090,03	STEEL
23	X.3.14.5.127.23	Flange Steel 500mm (For DCIP)		Bh	10.519.064,65	STEEL
24	X.3.14.5.127.24	Flange Steel 500mm Lubang 20 Tebal 3cm Pabrikasi		Bh	14.875.444,58	STEEL
25	X.3.14.5.127.25	Flange Steel "24" JIS 10 (600mm)		Bh	3.014.048,92	STEEL
26	X.3.14.5.127.26	Flange Steel ø 24" (600mm) Pabrikasi		Bh	10.625.317,56	STEEL
27	X.3.14.5.127.27	Flange Steel ø 28" (700mm) PN 16 Pabrikasi		Bh	20.754.787,50	STEEL
28	X.3.14.5.127.28	Flange Steel 700mm (For Steel)		Bh	11.376.173,02	STEEL
29	X.3.14.5.127.29	Flange Steel "28" JIS 10 (700mm)		Bh	5.950.177,83	STEEL
	X.3.14.5.128.	Ferulle				
1	X.3.14.5.128.1	Ferulle ø 1/2" Bahan Kuningan		Bh	143.106,00	STEEL
		-				
	X.3.14.5.129.	Street Box				
1	X.3.14.5.129.1	Street Box Besar		Bh	249.081,86	STEEL
	X.3.14.5.130.	Tutup Box Meter				
1	X.3.14.5.130.1	Tutup Box Meter		Bh	68.145,44	STEEL
	X.3.14.5.131.	Stop Kran				
1	X.3.14.5.131.1	Stop Kran ø 1/2" Kuningan + Neple Sock ø 1/2" PVC		Bh	73.547,10	Kuningan
2	X.3.14.5.131.2	Stop Kran ø 1/2" Asli Jepang		Bh	135.115,52	Asli Jepang
	X.3.14.5.131.3	Stop Kran ø 3/4" Asli Jepang		Bh	187.986,15	Asli Jepang
	X.3.14.5.131.4	Stop Kran ø 3/4" Asli Jepang		Bh	286.678,85	Asli Jepang
	X.3.14.5.131.5	Stop Kran ø 1" Asli Jepang		Bh	325.059,41	Asli Jepang

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
6	X.3.14.5.131.6	Stop Kran ø 1 1/2" Asli Jepang		Bh	415.136,43	Asli Jepang
7	X.3.14.5.131.7	Stop Kran ø 2" Asli Jepang		Bh	501.296,80	Asli Jepang
8	X.3.14.5.131.8	Stop Kran ø 2" KW Biasa		Bh	375.972,31	Asli Jepang
9	X.3.14.5.131.9	Stop Kran ø 2 1/2" Asli Jepang		Bh	1.190.035,14	Asli Jepang
10	X.3.14.5.131.10	Stop Kran ø 3" Asli Jepang		Bh	1.547.754,94	Asli Jepang
	X.3.14.5.132.	Floating Valve				
1		Floating Valve ø 1/2" PVC		Bh	37.597,00	PVC
2	X.3.14.5.132.2	Floating Valve ø 1 1/2" Pelampung Merk San Ei		Bh	877.270,28	San Ei
3	X.3.14.5.132.3	Floating Valve ø 4" (100mm) Merk Singer		Bh	43.209.624,74	Singer
4	X.3.14.5.132.4	Floating Valve ø 4" Merk Yata		Bh	9.718.269,91	Yata
5	X.3.14.5.132.5	Floating Valve ø 6" (150mm) Merk Singer		Bh	46.043.042,76	Singer
6	X.3.14.5.132.6	Floating Valve ø 6" (150mm)		Bh	12.870.800,97	Yata
	X.3.14.5.133.	Ball Valve				
1	X.3.14.5.133.1	Ball Valve ø 1/4" Biasa		Bh	31.330,83	
2	X.3.14.5.133.2	Ball Valve ø 1/4" Kitz Asli		Bh	75.193,99	Kitz Asli
3	X.3.14.5.133.3	Ball Valve ø 1/2" Biasa		Bh	30.547,27	
4	X.3.14.5.133.4	Ball Valve Magnetik Inlet ø 1/2" Kuningan dengan Kunci		Bh	328.976,06	
5	X.3.14.5.133.5	Ball Valve ø 1/2" Tebal		Bh	42.297,21	
6	X.3.14.5.133.6	Ball Valve ø 3/4" Kitz Asli		Bh	244.382,82	Kitz Asli
7	X.3.14.5.133.7	Ball Valve ø 1" PVC		Bh	80.677,77	PVC
8	X.3.14.5.133.8	Ball Valve ø 2" PVC		Bh	178.586,90	PVC
9	X.3.14.5.133.9	Ball Valve ø 3" PVC		Bh	532.627,63	PVC
10	X.3.14.5.133.10	Ball Valve ø 4" PVC		Bh	610.955,88	PVC
	X.3.14.5.134.	Kopling				
1	X.3.14.5.134.1	Kopling ø 1" Drat PVC		Bh	27.414,18	
2	X.3.14.5.134.2	Kopling ø 1" PVC		Bh	65.794,74	
3	X.3.14.5.134.3	Kopling/water Mur ø 1" PVC		Bh	402.339,00	
4	X.3.14.5.134.4	Kopling ø 1 1/2" Drat PVC		Bh	195.819,45	
5	X.3.14.5.134.5	Kopling ø 1 1/2" Biasa		Bh	93.993,66	
6		Kopling ø 2" Drat Biasa		Bh	234.983,57	
7	X.3.14.5.134.7	Kopling ø 2" PVC		Bh	93.993,66	
8		Kopling Type H ø 2"		Bh	71.553,00	
9		1 0 0		Bh	8.358.583,15	
		Kopling AF750-30		Bh	64.361.089,92	
11	X.3.14.5.134.11	Kopling Flexibel F 180		Bh	19.267.242,51	
12	X.3.14.5.134.12	Kopling Flexibel F 140 Merk Martin		Bh	3.235.440,00	Martin
13	X.3.14.5.134.13	Kopling P 180		Bh	6.258.720,00	
14	X.3.14.5.134.14	Kopling Pompa Type karet bundar OD 180 ID 42mm		Bh	5.940.480,00	
15	X.3.14.5.134.15	Kopling Type "karet gelang"		Bh	3.288.480,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.5.135.	Butterfly Valve				
1	X.3.14.5.135.1	Butterfly Valve Ø 2"		Bh	822.440,74	
2	X.3.14.5.135.2	Butterfly Valve ø 2" (50mm) Merk Arita		Bh	1.161.270,00	Arita
3	X.3.14.5.135.3	Butterfly Valve ø 3" (75mm)		Bh	1.225.224,00	
4	X.3.14.5.135.4	Butterfly Valve ø 3" KV		Bh	2.762.583,10	KV
5	X.3.14.5.135.5	Butterfly Valve ø 4" (100mm) Merk Kitz Jepang		Bh	6.516.861,44	Kitz Jepang
6	X.3.14.5.135.6	Butterfly Valve ø 4" DK		Bh	2.975.088,92	
7	X.3.14.5.135.7	Butterfly Valve ø 4" KV		Bh	3.578.960,99	KV
8	X.3.14.5.135.8	Butterfly Valve ø 6" Merk Gear Box AVK		Bh	8.512.650,56	Gear Box AVK
9		Butterfly Valve ø 6" Merk Dray		Bh	4.073.038,13	Dray
10	X.3.14.5.135.10	Butterfly Valve ø 6" Merk KV		Bh	4.533.468,83	KV
11	X.3.14.5.135.11	Butterfly Valve ø 8" Merk Arsta		Bh	7.140.212,98	Arita
12		Butterfly Valve ø 8" Weco		Bh	5.808.506,93	Weco
13	X.3.14.5.135.13	Butterfly Valve ø 8" Merk KV		Bh	9.633.621,25	KV
14	X.3.14.5.135.14	Butterfly Valve ø 10" Merk Tozen		Bh	9.491.950,35	Tozen
15	X.3.14.5.135.15	Butterfly Valve ø 10" KV Gear Box		Bh	14.025.419,18	KV
16	X.3.14.5.135.16	Butterfly Valve ø 12" Gear Box Merk Toolson		Bh	17.496.356,78	Toolson
17	X.3.14.5.135.17	Butterfly Valve ø 14" (350mm) Merk KV Gear Box		Bh	19.125.571,61	KV
18	X.3.14.5.135.18	Butterfly Valve 400mm Gear Box		Bh	59.404.800,00	Gear Box
19	X.3.14.5.135.19	Butterfly Valve ø 16" (400mm) Merk KV		Bh	27.059.142,05	KV
20	X.3.14.5.135.20	Butterfly Valve ø 20" (500mm) Merk AVK Gear Box		Bh	70.596.240,00	Gear Box
21	X.3.14.5.135.21	Butterfly Valve ø 20" (500mm) Body Ductile Iron Sdisc 316ss		Bh	59.855.956,12	
22	X.3.14.5.135.22	Butterfly Valve ø 20" (500mm) Merk AVK		Bh	71.543.804,90	AVK
23	X.3.14.5.135.23	Butterfly Valve ø 20" (500mm) Merk KV		Bh	41.792.915,74	KV
24	X.3.14.5.135.24	Butterfly Valve AVK ø 20" (500mm) Gear Box		Bh	75.085.577,42	Gear Box
25	X.3.14.5.135.25	Butterfly Valve ø 24" (600mm) Gear Box		Bh	101.518.477,26	Gear Box
	X.3.14.5.136.	Blind Flange				
1	X.3.14.5.136.1	Blind Flange ø 2"		Bh	153.522,24	
2	X.3.14.5.136.2	Blind Flange ø 4"		Bh	180.154,03	
3	X.3.14.5.136.3	Blind Flange ø 6" (150mm) PN 16 Pabrikasi		Bh	1.558.379,91	
4	X.3.14.5.136.4	Blind Flange ø 6" PN 16		Bh	939.931,94	
5	X.3.14.5.136.5	Blind Flange ø 8" (200mm) PN 16 Pabrikasi		Bh	2.054.228,59	
6	X.3.14.5.136.6	Blind Flange ø 8" 10K		Bh	704.949,54	
7	X.3.14.5.136.7	Blind Flange ø 8" PN 16		Bh	1.062.532,29	

B X.3.14.5.136.8 Blind Flange o 10" 10K Blind Flange 400mm Pabrikasi Blind Flange Steel o 12" Blind Flange 500mm Pabrikasi Blind Flange 600mm Pabrikasi Blind Flange o 16" 150 ASTM Blind Fla	NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
10	8	X.3.14.5.136.8	Blind Flange ø 10" 10K		Bh	1.018.260,19	
11 X.3.14.5.136.11 Blind Flange Steel of 12" PN 16 Bh 2.012.868,00 12 X.3.14.5.136.12 Blind Flange 600mm Pabrikasi Bh 11.050.330.26 13 X.3.14.5.136.13 Blind Flange of 16" 150 ASTM Bh 4.533.468,83 ASTM X.3.14.5.137.1 Water Motor or 12" Linflow Bh 2.99.055,18 Linflow 2 X.3.14.5.137.1 Water Motor or 12" Linflow Bh 1.049.591,02 Linflow 3 X.3.14.5.137.1 Water Motor or 12" Linflow Bh 1.049.591,02 Linflow 4 X.3.14.5.137.1 Water Motor or 12" Linflow Bh 1.049.591,02 Linflow 5 X.3.14.5.137.5 Water Motor or 1" Linflow Bh 1.122.033.02 Linflow 6 X.3.14.5.137.5 Water Motor or 2" Linflow Bh 5.104.403.05 Linflow 7 X.3.14.5.137.8 Water Motor or 2" Linflow Bh 6.400.193.50 Linflow 8 X.3.14.5.137.8 Water Motor or 2" Linflow Bh 6.400.193.50 Linflow 8 X.3.14.5.137.8 Water Motor or 2" Linflow Bh 6.400.193.50 Linflow 9 X.3.14.5.138.1 Check Valve or 3" Asil Jepang Bh 244.382.82 Asil Jepang 1 X.3.14.5.138.1 Check Valve or 3" Asil Jepang Bh 244.382.82 Asil Jepang 2 X.3.14.5.138.1 Check Valve or 1" Kuringan Bh 11.74.91.20 KININGAN BlaSA 3 X.3.14.5.138.3 Check Valve or 1" FVC Bh 117.491.20 KININGAN BlaSA 4 X.3.14.5.138.5 Check Valve or 1" FVC Bh 117.491.20 PVC 5 X.3.14.5.138.5 Check Valve or 1" FVC Bh 117.491.20 PVC 6 X.3.14.5.138.6 Check Valve or 1" Kitz Bh 5.66.673.41 Kitz 7 X.3.14.5.138.7 Check Valve or 2" Asil Jepang Bh 2.04.23.32.61 8 X.3.14.5.138.1 Check Valve or 1" FVC Bh 1.74.91.20 PVC 9 X.3.14.5.138.1 Check Valve or 1" FVC Bh 1.33.672.06 Kitz 10 X.3.14.5.138.1 Check Valve or 1" FVC Bh 1.33.672.06 Kitz 11 X.3.14.5.138.1 Check Valve or 1" FVC Bh 1.49.33 Cl 12 X.3.14.5.138.1 Check Valve or 1" Fall peang Check	9	X.3.14.5.136.9	Blind Flange 400mm Pabrikasi		Bh	4.533.468,83	
2 X.3.14.5.136.12 Blind Flange 600mm Pabrikasi Bh 1.1050.330.26	10	X.3.14.5.136.10	Blind Flange Steel ø 12"		Bh	1.062.532,29	
3 X.3.14.5.136.13 Blind Flange o 16* 150 ASTM	11	X.3.14.5.136.11	Blind Flange Steel ø 12" PN 16		Bh	2.012.868,00	
X.3.14.5.137. Water Meter	12	X.3.14.5.136.12	Blind Flange 600mm Pabrikasi		Bh	11.050.330,26	
1	13	X.3.14.5.136.13	Blind Flange ø 16" 150 ASTM		Bh	4.533.468,83	ASTM
1		X.3.14.5.137.	Water Meter				
2 X.3.14.5.137.2 Water Meter or 3/4" Linflow Bh 1.1049.591.02 Linflow St. 3.14.5.137.3 Water Meter or 1 1/2" Linflow Bh 3.329.266,70 Linflow Bh 3.329.266,70 Linflow Bh 3.329.266,70 Linflow Bh 5.104.403.05 Linflow Bh 5.104.403.05 Linflow St. 3.14.5.137.5 Water Meter or 2" Linflow Bh 6.460.193.50 Linflow Bh 6.460.193.50 Linflow Control of 1/2" Water Meter or 3" Linflow Bh 6.460.193.50 Linflow Bh 6.460.193.50 Linflow Control of 1/2" Bh 2.771.340.00 Linflow Linflow St. 3.14.5.137.8 Water Meter or 1 1/2" Bh 2.771.340.00 Linflow Linflow St. 3.14.5.138.1 Check Valve or 1/2" Asli Jepang Bh 2.44.382.82 Asli Jepang St. 3.14.5.138.2 Check Valve or 1/4" St. 3.14.5.138.3 Check Valve or 1/4" St. 3.14.5.138.3 Check Valve or 1" Kuningan Blass Bh 117.491.20 PVC St. 3.14.5.138.4 Check Valve or 1 1/2" ONDA Bh 516.962.21 ONDA St. 3.14.5.138.6 Check Valve or 1 1/2" Merk Kitz St. 3.14.5.138.7 Check Valve or 1 1/2" Merk Kitz St. 3.14.5.138.7 Check Valve or 2" Asli Jepang Bh 1.204.203.19 Asli Jepang St. 3.14.5.138.7 Check Valve or 2" Kitz St. 3.14.5.138.7 Check Valve or 2" Kitz St. 3.14.5.138.1 Check Valve or 2" Kitz St. 3.14.5.138.1 Check Valve or 3" Kitz St. 3.14.5.139.1 Check Valve or 3" Kitz St. 3.14.5.139.1	1				Bh	299.055.18	Linflow
3	2						
4							
5 X.3.14.5.137.5 Water Meter o 2" Linflow Bh 5.104.403,05 Linflow Call							
6 X.3.14.5.137.6 Water Meter ø 3" Linflow Bh 6.460.193.50 Linflow R.3.14.5.137.7 Water Meter ø 4" Linflow Bh 6.921.048,51 Linflow R.3.14.5.137.8 Water Meter ø 4" Linflow Bh 6.921.048,51 Linflow Linflow R.3.14.5.138.1 Check Valve Z.771.340,00 Linflow Z							
7						-	
R X.3.14.5.138.0 Check Valve Check Valve Check Valve Other							
1							
2 X.3.14.5.138.2 Check Valve Ø 3/4" 3 X.3.14.5.138.3 Check Valve Ø 1" Kuningan Biasa 4 X.3.14.5.138.4 Check Valve Ø 1" PVC 5 X.3.14.5.138.5 Check Valve Ø 1 1/2" ONDA 6 X.3.14.5.138.6 Asii 7 X.3.14.5.138.7 Check Valve Ø 2" Asii Jepang Kuningan 8 X.3.14.5.138.8 Check Valve Ø 2" Kitz 9 X.3.14.5.138.9 Check Valve Ø 2" Kitz 10 X.3.14.5.138.10 Check Valve Ø 2" Kitz 11 X.3.14.5.138.11 Check Valve Ø 8" Flange Kitz 12 X.3.14.5.138.12 Check Valve Ø 8" Flange Kitz 13 X.3.14.5.138.11 Check Valve Ø 8" Flange Kitz 14 X.3.14.5.138.12 Check Valve Ø 16" (400mm) 15 X.3.14.5.139.1 Sock 16 X.3.14.5.139.2 Sock Ø 1" Galv Cl 17 X.3.14.5.139.3 Sock Ø 1 1/2" Galv Cl 28 X.3.14.5.139.3 Sock Ø 1 1/2" Galv Cl 30 X.3.14.5.139.4 Sock Ø 4" Stainless 304 30 X.3.14.5.139.4 Sock Ø 4" Stainless 304 31 X.3.14.5.139.4 Sock Ø 4" Stainless 304 32 X.3.14.5.139.4 Sock Ø 4" Stainless 304 33 X.3.14.5.139.4 Sock Ø 4" Stainless 304 34 X.3.14.5.139.4 Sock Ø 4" Stainless 304 35 X.3.14.5.139.4 Sock Ø 4" Stainless 304 36 X.3.14.5.139.4 Sock Ø 4" Stainless 304 37 X.3.14.5.139.4 Sock Ø 4" Stainless 304 38 X.3.14.5.139.4 Sock Ø 4" Stainless 304 38 X.3.14.5.139.4 Sock Ø 4" Stainless 304 38 X.3.14.5.139.4 Sock Ø 4" Stainless 304 39 X.3.14.5.139.4 Sock Ø 4" Stainless 304 30 X.3.14.5.139.5 Sock Ø 4" Stainless 304 31 X.3.14.5.139.6 Sock Ø 4" Stainless 304 32 X.3.14.5.139.6 Sock Ø 4" Stainless 304 33 X.3.14.5.139.6 Sock Ø 4" Stainless 304 34 X.3.14.5.139.8 Bh		X.3.14.5.138.	Check Valve				
3 X.3.14.5.138.3 Check Valve Ø 1" Kuningan Biasa Bh 117.491.20 Bh SAA	1	X.3.14.5.138.1	Check Valve ø 1/2" Asli Jepang		Bh	244.382,82	Asli Jepang
3 X.3.14.5.138.3 Biasa	2	X.3.14.5.138.2	Check Valve ø 3/4"		Bh	52.480,02	
5 X.3.14.5.138.5 Check Valve Ø 1 1/2" ONDA Bh 516.962,21 ONDA 6 X.3.14.5.138.6 Check Valve Ø 1 1/2" Merk Kitz Asli Bh 587.457,17 Kitz 7 X.3.14.5.138.7 Check Valve Ø 2" Asli Jepang Kuningan Bh 1.204.203,19 Asli Jepang 8 X.3.14.5.138.8 Check Valve Ø 2" Kitz Bh 2.266.734,41 Kitz 9 X.3.14.5.138.9 Check Valve Type Waver 4" Bh 3.293.848,71 10 X.3.14.5.138.10 Check Valve Type Water 6" Jepang Bh 5.999.762,81 Asli Jepang 11 X.3.14.5.138.11 Check Valve Ø 8" Flange Kitz Bh 11.333.672,06 Kitz 12 X.3.14.5.138.12 Check Valve Ø 16" (400mm) Bh 36.232.332,61 X.3.14.5.139.1 Sock Ø 1/2" Galv Cl Bh 7.205,74 Cl 2 X.3.14.5.139.2 Sock Ø 1" Galv Cl Bh 39.164,12 Cl 3 X.3.14.5.139.3 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6 Lem Kig 41.272,00 41.272,00 41.272,00 41.272,00	3	X.3.14.5.138.3	_		Bh	117.491,20	
6 X.3.14.5.138.6 Check Valve Ø 1 1/2" Merk Kitz Asli 7 X.3.14.5.138.7 Check Valve Ø 2" Asli Jepang Kuningan 8 X.3.14.5.138.8 Check Valve Ø 2" Kitz 9 X.3.14.5.138.9 Check Valve Ø 2" Kitz 10 X.3.14.5.138.10 Check Valve Type Water 6" Jepang Bh 5.999.762.81 Asli Jepang 11 X.3.14.5.138.11 Check Valve Ø 8" Flange Kitz 12 X.3.14.5.138.12 Check Valve Ø 16" (400mm) 13 X.3.14.5.138.12 Check Valve Ø 16" (400mm) 14 X.3.14.5.139.1 Sock 15 X.3.14.5.139.1 Sock Ø 1/2" Galv Cl 16 X.3.14.5.139.2 Sock Ø 1" Galv Cl 17 X.3.14.5.139.3 Sock Ø 1" Type Water Older Cl 18 M 7.205,74 Cl 28 X.3.14.5.139.3 Sock Ø 1" Galv Cl 30 X.3.14.5.139.4 Sock Ø 1" Stainless 304 18 M 7.205,74 Cl Bh 7.205,74 Cl Bh 7.205,74 Cl Bh 39.164,12 Cl 4 X.3.14.5.139.3 Sock Ø 1" Type Galv Cl Bh 39.164,12 Cl 4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 1 X.3.14.5.139.4 Sock Ø 4" Stainless 304 1 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Kig 41.272,00 2 X.3.14.6.2 Lem PVC Kecil 1/4 Kg (2 ons) 4 X.3.14.6.3 Lem PVC Kig 70.859.20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	4	X.3.14.5.138.4	Check Valve ø 1" PVC		Bh	117.491,20	PVC
Salidary Salidary	5	X.3.14.5.138.5	Check Valve ø 1 1/2" ONDA		Bh	516.962,21	ONDA
Runingan Runingan	6	X.3.14.5.138.6	Asli		Bh	587.457,17	Kitz
9 X.3.14.5.138.9 Check Valve Type Water 6" Bh 3.293.848,71 10 X.3.14.5.138.10 Check Valve Type Water 6" Jepang Bh 5.999.762,81 Asli Jepang 11 X.3.14.5.138.11 Check Valve Ø 8" Flange Kitz Bh 11.333.672,06 Kitz 12 X.3.14.5.138.12 Check Valve Ø 16" (400mm) Bh 36.232.332,61 X.3.14.5.139. Sock Bh 7.205,74 Cl 2 X.3.14.5.139.1 Sock Ø 1/2" Galv Cl Bh 14.193,30 Cl 3 X.3.14.5.139.3 Sock Ø 1 " Galv Cl Bh 39.164,12 Cl 4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6. Lem Kig 41.272,00 2 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Kig 9.433,60 3 X.3.14.6.3 Lem PVC Kecil 1/4 Kg (2 ons) Kig 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	7	X.3.14.5.138.7	. 0		Bh	1.204.203,19	Asli Jepang
The content of the	8	X.3.14.5.138.8	Check Valve ø 2" Kitz		Bh	2.266.734,41	Kitz
11 X.3.14.5.138.10 Jepang Bh 5.999.762,81 ASII Jepang Bh 11.333.672,06 Kitz 12 X.3.14.5.138.12 Check Valve Ø 16" (400mm) Bh 36.232.332,61	9	X.3.14.5.138.9	31		Bh	3.293.848,71	
12 X.3.14.5.138.12 Check Valve Ø 16" (400mm) Bh 36.232.332,61	10	X.3.14.5.138.10	J.		Bh	5.999.762,81	Asli Jepang
X.3.14.5.139. Sock 1 X.3.14.5.139.1 Sock Ø 1/2" Galv Cl Bh 7.205,74 Cl 2 X.3.14.5.139.2 Sock Ø 1" Galv Cl Bh 14.193,30 Cl 3 X.3.14.5.139.3 Sock Ø 1 1/2" Galv Cl Bh 39.164,12 Cl 4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6. Lem Kig 41.272,00 2 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Kig 9.433,60 3 X.3.14.6.3 Lem PVC Kig 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	11	X.3.14.5.138.11	Check Valve ø 8" Flange Kitz		Bh	11.333.672,06	Kitz
1 X.3.14.5.139.1 Sock Ø 1/2" Galv CI Bh 7.205,74 CI 2 X.3.14.5.139.2 Sock Ø 1" Galv CI Bh 14.193,30 CI 3 X.3.14.5.139.3 Sock Ø 1 1/2" Galv CI Bh 39.164,12 CI 4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6. Lem Kig 41.272,00 2 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Kig 9.433,60 3 X.3.14.6.3 Lem PVC Kig 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	12	X.3.14.5.138.12	Check Valve ø 16" (400mm)		Bh	36.232.332,61	
2 X.3.14.5.139.2 Sock Ø 1" Galv CI Bh 14.193,30 CI 3 X.3.14.5.139.3 Sock Ø 1 1/2" Galv CI Bh 39.164,12 CI 4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 V.3.14.6. Lem Klg 41.272,00 2 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Klg 9.433,60 3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00		X.3.14.5.139.	Sock				
3 X.3.14.5.139.3 Sock Ø 1 1/2" Galv CI Bh 39.164,12 CI 4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6. Lem Klg 41.272,00 2 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Klg 9.433,60 3 X.3.14.6.2 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	1	X.3.14.5.139.1	Sock ø 1/2" Galv CI		Bh	7.205,74	CI
4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6. Lem Lem PVC Kecil 1/2 Kg Klg 41.272,00 2 X.3.14.6.2 Lem PVC Kecil 1/4 Kg (2 ons) Klg 9.433,60 3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	2	X.3.14.5.139.2	Sock ø 1" Galv CI		Bh	14.193,30	CI
4 X.3.14.5.139.4 Sock Ø 4" Stainless 304 Bh 1.161.701,17 SSS 304 X.3.14.6. Lem Lem PVC Kecil 1/2 Kg Klg 41.272,00 2 X.3.14.6.2 Lem PVC Kecil 1/4 Kg (2 ons) Klg 9.433,60 3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	3	X.3.14.5.139.3	Sock ø 1 1/2" Galv CI		Bh		CI
1 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Klg 41.272,00 2 X.3.14.6.2 Lem PVC Kecil 1/4 Kg (2 ons) Klg 9.433,60 3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	4	X.3.14.5.139.4	Sock ø 4" Stainless 304		Bh	1.161.701,17	SSS 304
1 X.3.14.6.1 Lem PVC Kecil 1/2 Kg Klg 41.272,00 2 X.3.14.6.2 Lem PVC Kecil 1/4 Kg (2 ons) Klg 9.433,60 3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00		X.3.14 6	I em				
2 X.3.14.6.2 Lem PVC Kecil 1/4 Kg (2 ons) Klg 9.433,60 3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00	1			Kecil 1/2 Ka	Kla	∆ 1 272 ∩∩	
3 X.3.14.6.3 Lem PVC Klg 70.859,20 4 X.3.14.6.4 Seltif TBA Bh 6.050,00							
4 X.3.14.6.4 Seltif TBA Bh 6.050,00				17 Ng (2 0113)	- u		
					- J		
		X.3.14.6.5	Seltif		Bh	6.050,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.3.14.7.	Instalasi Air				
1	X.3.14.7.1	Bak Pengaman Meter Air		Bh	128.455,00	
2	X.3.14.7.2	Water Meter	1/2" Linflow	Bh	372.840,00	
3	X.3.14.7.3	Water Stop 150 mm		M¹	112.500,00	*
4	X.3.14.7.4	Water Stop 200 mm		M¹	143.750,00	*
5	X.3.14.7.5	Water Stop 230-320 mm		M¹	181.250,00	*
	X.3.15.	Buis Beton/Gorong-gorong				
1	X.3.15.1	Bulat	Pasir Putih Samboja f 100 x 50 cm	Bh	273.440,64	Malang Indah
2	X.3.15.2	Bulat	Pasir Putih Samboja f 80 x 50 cm	Bh	270.721,77	Malang Indah
3	X.3.15.3	Bulat	Pasir Putih Samboja f 60 x 50 cm	Bh	135.425,62	Malang Indah
4	X.3.15.4	Bulat	Pasir Putih Samboja f 50 x 100 cm	Bh	198.865,92	Malang Indah
5	X.3.15.5	Bulat	Pasir Putih Samboja f 40 x 100 cm	Bh	116.005,12	Malang Indah
6	X.3.15.6	Bulat	Pasir Putih Samboja f 30 x 100 cm	Bh	99.432,96	Malang Indah
7	X.3.15.7	Bulat	Pasir Putih Samboja f 20 x 100 cm	Bh	41.430,40	Malang Indah
8	X.3.15.8	Belahan	Pasir Putih Samboja f 100 x 50 cm	Bh	136.720,32	Malang Indah
9	X.3.15.9	Belahan	Pasir Putih Samboja f 80 x 50 cm	Bh	116.005,12	Malang Indah
10	X.3.15.10	Belahan	Pasir Putih Samboja f 60 x 50 cm	Bh	58.002,56	Malang Indah
11	X.3.15.11	Belahan	Pasir Putih Samboja f 50 x 100 cm	Bh	99.432,96	Malang Indah
12	X.3.15.12	Belahan	Pasir Putih Samboja f 40 x 100 cm	Bh	58.002,56	Malang Indah
13	X.3.15.13	Belahan	Pasir Putih Samboja f 30 x 100 cm	Bh	49.716,48	Malang Indah
14	X.3.15.14	Belahan	Pasir Putih Samboja f 20 x 100 cm	Bh	20.715,20	Malang Indah
15	X.3.15.15	Bulat Cor Besi	Pasir Putih Samboja f 60 x 50 cm	Bh	248.582,40	Malang Indah
16	X.3.15.16	Bulat Cor Besi	Pasir Putih Samboja f 80 x 50 cm	Bh	455.734,40	Malang Indah
17	X.3.15.17	Bulat Cor Besi	Pasir Putih Samboja f 100 x 50 cm	Bh	580.025,60	Malang Indah
18	X.3.15.18	Belahan Cor Non Besi	Pasir Putih Samboja f 60 x 50 cm	Bh	139.827,60	Malang Indah
19	X.3.15.19	Belahan Cor Non Besi	Pasir Putih Samboja f 80 x 50 cm	Bh	331.443,20	Malang Indah
20	X.3.15.20	Belahan Cor Non Besi	Pasir Putih Samboja f 100 x 50 cm	Bh	480.592,64	Malang Indah
	X.3.16.	Aspal				
1	X.3.16.1	Aspal		Kg	14.528,57	*
2	X.3.16.2	Alat Bantu		Ls	13.905,00	
3	X.3.16.3	Filler		Kg	1.380,00	
4	X.3.16.4	Bahan Pengisi (filler tambahan)	Pakai Harga Semen	Kg	20.909,00	
5	X.3.16.5	Asbuton Halus	(M55)	Ton	456.393,00	
	X.3.16.6	Bunker Oil	(M54)	Liter	6.798,00	
7	X.3.16.7	Aspal Emulsi	(M31)	Kg	16.686,00	
	X.3.17.	Bahan Bakar				
1	X.3.17.1	Minyak Bensin/Premium		Liter	8.340,00	*
	X.3.17.2	Minyak Diessel/solar		Liter	8.855,00	*
3	X.3.17.3	Minyak Pelumas		Liter	45.881,60	*
4	X.3.17.4	Minyak Tanah		Liter	20.330,00	
	X.3.17.5	Minyak Aspal/Kerosine		Liter	14.520,00	*
	X.3.17.6	Batu bara		Kg	428,00	
	X.3.17.7	Pertamax		Liter	10.551,81	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
8	X.3.17.8	Pertalite		Liter	9.375,00	
9	X.3.17.9	Minyak Begesting		Liter	6.250,00	*
	7	minjuk Bogosting		Littor	0.200700	
	X.3.18.	Lain Lain				
1	X.3.18.1	Plastik Filter		M2	27.642,00	
2	X.3.18.2	Pipa Porus		M¹	27.642,00	
3	X.3.18.3	Filter, Strippe, dll		Ls	27.642,00	
4	X.3.18.4	Plastik Polithelene	Uk L= 1.00 P= 1.50 t=0.04 - 0.07	M ²	918,00	Super*
5	X.3.18.5	Bahan Modifikasi	(M67)	Kg	107.304,00	
		Bahan Anti Pengelupasan (anti				
6	X.3.18.6	stripping agent)		Kg	77.724,00	
7	X.3.18.7	Anchorge	(M65)	Bh	709.308,00	
8	X.3.18.8	Ducting (Strand prestress)	(M71)	M¹	71.502,00	
9	X.3.18.9	Bahan Pengawet kresot	(M63)	Liter	10.200,00	
10	X.3.18.10	Tiang Pancang Beton Pratekan	(M50)	M³	589.560,00	
11	X.3.18.11	Expansion Joint tipe Asphaltic Plug		Kg	16.524,00	
12	X.3.18.12	Gebalan rumput		M2	76.296,00	
13	X.3.18.13	Pohon		Bh	125.052,00	
14	X.3.18.14	Tanah humus		M ³	389.334,00	
15	X.3.18.15	Pupuk		Kg	46.224,00	
16	X.3.18.16	Rel Pengaman		M ¹	454.536,00	
17	X.3.18.17	Paku Jalan		Bh	23.540,00	
	X.3.18.18	Kusen & Pintu PVC toilet		Bh	989.750,00	
	X.3.18.19	Air		Liter	32,10	
20	X.3.18.20	Pintu Lipat Folding Gate		M2	1.284.000,00	
21	X.3.18.21	Screening Screening		Kg	1.605,00	
22	X.3.18.22	Jendela Nako + Kaca 5 mm		M ²	268.000,00	*
	X.3.18.23	Lem Kayu		Kg	37.520,00	Rajawali*
	X.3.18.24	Klem Stainelss Steel		Bh	14.682,11	rajawan
25	X.3.18.25	Tangki air 1200 liter		Bh	1.500.800,00	Grand
26	X.3.18.26	Tangki air 600 liter		Bh	964.800,00	Grand
27	X.3.18.27	Pelampung otomatis		Bh	85.974,40	Orana
	X.3.18.28	Roof Drain Metal		Bh	37.520,00	
29	X.3.18.29	Mesin Jet Pump kap.250 watt		Bh	1.089.688,00	Sanyo
		Mesin Pompa tekan kap. 150				,
30	X.3.18.30	watt		Bh	589.600,00	SAnyo
	X.3.18.31	ljuk		Kg	12.864,00	*
32	X.3.18.32	Bahan Anti Rayap		Liter	53.600,00	
33	X.3.18.33	Joint Sealent		Kg	36.555,20	
34	X.3.18.34	Bentonit		Kg	9.112,00	
	X.3.19.	Beton Segar				
1	X.3.19.1	Beton Ready Mix	K 125	M3	1.394.227,12	
2	X.3.19.2	Beton Ready Mix	K 175	M3	1.482.549,20	*
3	X.3.19.3	Beton Ready Mix	K 225	M3	1.495.166,64	*
4	X.3.19.4	Beton Ready Mix	K 250	M3	1.558.253,84	*
5	X.3.19.5	Beton Ready Mix	K 300	M3	1.621.341,04	*
6	X.3.19.6	Beton Ready Mix	K 350	M3	1.697.045,68	*

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	X.3.19.7	Beton Ready Mix	K 450	М3	1.804.293,92	*
8	X.3.19.8	Beton Ready Mix	K 500	M3	1.943.085,76	
9	X.3.19.9	Strotox - 100		M3	159.209,15	*
10	X.3.19.10	Sewa Concrete Pump ≥ 40 m3		M3	77.280,00	
11	X.3.19.11	Sewa Concrete Pump ≤ 40 m3		M3	4.060.650,00	
12	X.3.19.12	Tambahan Pipa ≥ 30 Meter		M1	6.727,50	
13	X.3.19.13	Sewa Crane		Jam	287.500,00	*
14	X.3.19.14	Sewa Pipa Pendukung		Jam	57.500,00	*
15	X.3.19.15	Sewa Peralatan		Jam	172.500,00	*
16	X.3.19.16	Sewa Tripot dan Crane 2 T		Hari		*
17	X.3.19.17	Sewa Crane 30 Ton		Hari	6.160.000,00	*
18	X.3.19.18	Sewa Scafolding		Set	94.875,00	
19	X.3.19.19	Mesin Las Listrik 18 Pk 8 Jam		Hari	209.000,00	
	X.3.20.	Pompa				
1	X.3.20.1	Pompa Sumur Dangkal Otomatis	JP Basic 3 P = 0.6Kw Q max = 40 Lpm H Max = 45 m	Unit	3.891.360,00	Grundfos
2	X.3.20.2	Pompa Sumur Dangkal Otomatis	JP Basic 4 P = 0.75Kw Q max = 50 Lpm H Max = 50 m	Unit	4.288.000,00	Grundfos
3	X.3.20.3	Pompa Sumur Dangkal Otomatis	JP Basic 5 P = 1.1Kw Q max = 70 Lpm H Max = 55 m	Unit	7.696.960,00	Grundfos
4	X.3.20.4	Pompa Sumur Dangkal Otomatis	JP Basic 7 P = 1.8Kw Q max = 100 Lpm H Max = 60 m	Unit	9.240.640,00	Grundfos
5	X.3.20.5	P. Otomatis Semi Jet Complete Set	JPC 3 P = 0.6Kw Q max = 40 Lpm H Max = 45 m	Unit	3.891.360,00	Grundfos
6	X.3.20.6	P. Otomatis Semi Jet Complete Set	JPC 4 P = 0.75Kw Q max = 50 Lpm H Max = 50 m	Unit	4.288.000,00	Grundfos
7	X.3.20.7	P. Sumur Dalam Otomatis Jet Pump	JD Basic 3 P = 0.55Kw Q max = 21 Lpm H Max = 30 m	Unit	4.673.920,00	Grundfos
8	X.3.20.8	P. Sumur Dalam Otomatis Jet Pump	JD Basic 4 P = 0.75Kw Q max = 23 Lpm H Max = 40 m	Unit	4.888.320,00	Grundfos
9	X.3.20.9	P. Sumur Dalam Otomatis Jet Pump	JD Basic 5 P = 1.1Kw Q max = 30 Lpm H Max = 50 m	Unit	7.418.240,00	Grundfos
10	X.3.20.10	P. Sumur Dalam Otomatis Jet Pump	JD Basic 6 P = 1.8Kw Q max = 35 Lpm H Max = 60 m	Unit	9.926.720,00	Grundfos
11	X.3.20.11	Pompa Celup Otomatis dan Manual	KPC 300 A P = 0.22Kw Q max = 230 Lpm H Max = 7 m	Unit	2.497.760,00	Grundfos
12	X.3.20.12	Pompa Celup Otomatis dan Manual	KPC 600 A P = 0.55Kw Q max = 280 Lpm H Max = 10 m	Unit	3.987.840,00	Grundfos
13	X.3.20.13	Pompa Celup Otomatis dan Manual	KPC 24/7 -210 P = 0.22Kw Q max = 130 Lpm H Max = 6 m	Unit	2.401.280,00	Grundfos
14	X.3.20.14	Pompa Celup Otomatis dan Manual	KPC 24/7 -270 P = 0.22Kw Q max = 230 Lpm H Max = 7 m	Unit	2.497.760,00	Grundfos
15	X.3.20.15	Pompa Transfer	NS Basic 4-23 M P = 0.37 Kw Q max = 4 m3 H Max = 23 m	Unit	2.830.080,00	Grundfos
16	X.3.20.16	Pompa Transfer	NS Basic 5-33 M P = 0.75 Kw Q max = 5 m3 H Max = 33 m	Unit	3.698.400,00	Grundfos
17	X.3.20.17	Pompa Transfer	NS Basic 13-18 M P = 0.75 Kw Q max = 13 m3 H Max = 18 m	Unit	3.730.560,00	Grundfos
18	X.3.20.18	Pompa Transfer	NS Basic 13-18 T P = 0.75 Kw Q max = 13 m3 H Max = 18 m	Unit	4.148.640,00	Grundfos
19	X.3.20.19	Pompa Transfer	NF 30 -18 M P = 1.85 Kw Q max = 30 m3 H Max = 18 m	Unit	6.935.840,00	Grundfos

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
20	X.3.20.20	Pompa Transfer	NF 30 -18 T P = 1.85 Kw Q max = 30 m3 H Max = 18 m	Unit	7.439.680,00	Grundfos
21	X.3.20.21	Pompa Transfer	NF 30 -30 T P = 3 Kw Q max = 30 m3 H Max = 30 m	Unit	11.020.160,00	Grundfos
22	X.3.20.22	Pompa Transfer	NF 30 -36 T P = 4 Kw Q max = 30 m3 H Max = 36 m	Unit	12.242.240,00	Grundfos
23	X.3.20.23	P.Booster With Pressure Manager	CMB-SP1-36PM1 P = 0.28 Kw Q max = 1.5 m3 H Max = 35 m	Unit	8.511.680,00	Grundfos
24	X.3.20.24	P.Booster With Pressure Manager	CMB-SP3-37PM1 P = 0.42 Kw Q max = 3 m3 H Max = 35 m	Unit	8.994.080,00	Grundfos
25	X.3.20.25	P.Booster With Pressure Manager	CMB-SP5-28PM22 P = 0.47 Kw Q max = 5 m3 H Max = 25 m	Unit	9.755.200,00	Grundfos
26	X.3.20.26	P.Booster With Pressure Manager	CMB-SP5-47PM1 P = 0.83 Kw Q max = 5 m3 H Max = 45 m	Unit	12.349.440,00	Grundfos
27	X.3.20.27	P.Booster With Pressure Manager	CMB-SP5-47PM2 P = 0.83 Kw Q max = 5 m3 H Max = 45 m	Unit	15.972.800,00	Grundfos
28	X.3.20.28	Pompa Booster With Pressure Tank	CM-SP-PT3-3 P = 0.33 Kw Q max = 66 Lpm H Max = 27 m	Unit	9.219.200,00	Grundfos
29	X.3.20.29	Pompa Booster With Pressure Tank	CM-SP-PT3-4 P = 0.42 Kw Q max = 66 Lpm H Max = 35 m	Unit	9.648.000,00	Grundfos
30	X.3.20.30	Pompa Booster With Pressure Tank	CM-SP-PT3-5 P = 0.5 Kw Q max = 66 Lpm H Max = 45 m	Unit	10.312.640,00	Grundfos
31	X.3.20.31	Pompa Booster With Pressure Tank	CM-SP-PT5-3 P = 0.48 Kw Q max = 100 Lpm H Max = 26 m	Unit	9.540.800,00	Grundfos
32	X.3.20.32	Pompa Booster With Pressure Tank	CM-SP-PT5-5 P = 0.85 Kw Q max = 100 Lpm H Max = 45 m	Unit	12.027.840,00	Grundfos
33	X.3.20.33	P.B. Centrifugal W/ Pres. Manager	CMB1-36PM1 P = 0.28 Kw Q max = 1.5 m3 H Max = 35 m	Unit	5.896.000,00	Grundfos
34	X.3.20.34	P.B. Centrifugal W/ Pres. Manager	CMB3-37PM1 P = 0.42 Kw Q max = 3 m3 H Max = 35 m	Unit	6.303.360,00	Grundfos
35	X.3.20.35	P.B. Centrifugal W/ Pres. Manager	CMB5-28PM1 P = 0.47 Kw Q max = 5 m3 H Max = 25 m	Unit	6.764.320,00	Grundfos
36	X.3.20.36	P.B. Centrifugal W/ Pres. Manager	CMB5-46PM2 P = 0.83 Kw Q max = 5 m3 H Max = 45 m	Unit	11.266.720,00	Grundfos
37	X.3.20.37	Pompa Booster Centrifugal With Inverter	CMBE 3-30 P = 0.6 Kw Q max = 3 m3 H Max = 26 m	Unit	19.746.240,00	Grundfos
38	X.3.20.38	Pompa Booster Centrifugal With Inverter	CMBE 3-31 P = 1.1 Kw Q max = 5 m3 H Max = 26 m	Unit	29.748.000,00	Grundfos
39	X.3.20.39	P. B.Centrifugal With Pressure Tank	CM PT 3 - 3 P = 0.33 Kw Q max = 66 Lpm H Max = 27 m	Unit	6.815.776,00	Grundfos
40	X.3.20.40	P. B.Centrifugal With Pressure Tank	CM PT 3 - 4 P = 0.42 Kw Q max = 66 Lpm H Max = 35 m	Unit	7.193.120,00	Grundfos
41	X.3.20.41	P. B.Centrifugal With Pressure Tank	CM PT 3 - 5 P = 0.5 Kw Q max = 66 Lpm H Max = 45 m	Unit	7.504.000,00	Grundfos
42	X.3.20.42	P. B.Centrifugal With Pressure Tank	CM PT 5 - 5 P = 0.48 Kw Q max = 100 Lpm H Max = 26 m	Unit	7.193.120,00	Grundfos
43	X.3.20.43	P. B.Centrifugal With Pressure Tank	CM PT 5 - 5 P = 0.85 Kw Q max = 100 Lpm H Max = 45 m	Unit	9.575.104,00	Grundfos
44	X.3.20.44	Pompa Sumur Dalam Jet Pump	CM JT 3 - 5 P = 0.5 Kw	Unit	8.106.464,00	Grundfos
45	X.3.20.45	Pompa Sumur Dalam Jet Pump	CM JT 5 - 5 P = 0.85 Kw	Unit	10.130.400,00	Grundfos

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
46	X.3.20.46	P.T. Centrifugal Big Cap. Non Auto	CM 10 - 2 P = 1 Kw Q max = 200 Lpm H Max = 32 m	Unit	8.728.224,00	Grundfos
47	X.3.20.47	P. T. Centrifugal Big Cap. Non Auto	CM 10 - 3 P = 1,2 Kw Q max = 200 Lpm H Max = 45 m	Unit	12.009.616,00	Grundfos
48	X.3.20.48	Pompa Transfer Vertikal Centrifugal Non Auto	CMV 3 - 9 P = 1,3 Kw Q max = 56 Lpm H Max = 32 m	Unit	11.256.000,00	Grundfos
49	X.3.20.49	Pompa Transfer Vertikal Centrifugal Non Auto	CMV 5 - 8 P = 1,3 Kw Q max = 64 Lpm H Max = 45 m	Unit	12.435.200,00	Grundfos
50	X.3.20.50	Pompa Transfer Vertikal Centrifugal Non Auto	CMV 5 - 10 P = 1,9 Kw Q max = 74 Lpm H Max = 45 m	Unit	13.614.400,00	Grundfos
51	X.3.20.51	Mini Booster	UPA 15 - 90 P = 40 w Q max = 30 Lpm H Max = 9 m	Unit	1.590.848,00	Grundfos
52	X.3.20.52	Mini Booster	UPA 120 P = 130 w Q max = 58 Lpm H Max = 12 m	Unit	2.522.416,00	Grundfos
53	X.3.20.53	Pompa Kolam Renang	SB - 10 P = 0.75 kw Q max =10 - 13 M3/h	Unit	5.977.472,00	Grundfos
54	X.3.20.54	Pompa Kolam Renang	SB - 15 P = 1,1 kw Q max =15 - 15 M3/h	Unit	6.432.000,00	Grundfos
55	X.3.20.55	Pompa Kolam Renang	SB - 20 P = 1,5 kw Q max = 15 - 20 M3/h	Unit	7.180.256,00	Grundfos
56	X.3.20.56	Pompa Kolam Renang	SB - 30 P = 2.2 kw Q max = 20 - 30 M3/h	Unit	7.879.200,00	Grundfos
	X.3.21.	Tangki Air FiberGlass			-	
1	X.3.21.1	Tanki air fiberglass silinder : 1 m3		Unit	1.286.400,00	
2	X.3.21.2	Tanki air fiberglass silinder : 2 m3		Unit	2.572.800,00	
3	X.3.21.3	Tanki air fiberglass silinder : 3 m3		Unit	3.859.200,00	
4	X.3.21.4	Tanki air fiberglass silinder : 4 m3		Unit	5.145.600,00	
5	X.3.21.5	Tanki air fiberglass silinder : 5 m3		Unit	6.432.000,00	
6	X.3.21.6	Hanger/Support		Unit	93.217,39	
7	X.3.21.7	Peralatan		Unit	46.608,70	
8	X.3.21.8	GreaseTrap /Penagkap Lemak		Unit	1.286.400,00	
	X.3.22.	Bio Septic Tank				
1	X.3.22.1	Bioseptic tank Kap. 6 Orang	Ukuran 90 x 90 x 110	Unit	4.824.000,00	
2	X.3.22.2	Bioseptic tank Kap. 8 Orang	Ukuran 110 x 110 x 130	Unit	6.432.000,00	
3	X.3.22.3	Bioseptic tank Kap. 12 Orang	Ukuran 145 x 120 x 150	Unit	8.040.000,00	
	X.3.22.4	Bioseptic tank Kap. 17 Orang	Ukuran 200 x 120 x 150	Unit	9.648.000,00	
	X.3.22.5	Bioseptic tank : 2 m3/hari		Unit	7.485.356,52	
	X.3.22.6	Bioseptic tank : 3 m3/hari		Unit	11.176.765,22	
	X.3.22.7	Bioseptic tank : 4 m3/hari		Unit	15.329.600,00	
	X.3.22.8	Bioseptic tank : 5 m3/hari		Unit	17.226.573,91	
9	X.3.22.9	Bioseptic tank : 6 m3/hari		Unit	19.995.130,43	
	X.3.23.	FIRE EXTINGUISHER DRY CH	EMICAL POWDER			
1	X.3.23.1	Fire Ext dry chemical powder : 1 kg		Unit	495.264,00	
2	X.3.23.2	Fire Ext dry chemical powder : 2 kg		Unit	707.520,00	

NO.	KODE	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
3	X.3.23.3	Fire Ext dry chemical powder : 3 kg		Unit	1.002.320,00	
4	X.3.23.4	Fire Ext dry chemical powder : 4,5 kg		Unit	1.090.760,00	
5	X.3.23.5	Fire Ext dry chemical powder : 6 kg		Unit	1.238.160,00	
6	X.3.23.6	Fire Ext dry chemical powder : 9 kg		Unit	1.497.584,00	
7	X.3.23.7	Fire Ext dry chemical powder : 12 kg Fire Ext dry chemical powder :		Unit	1.792.384,00	
8	X.3.23.8	25 kg		Unit	13.324.960,00	
9	X.3.23.9	Fire Ext dry chemical powder : 50 kg		Unit	16.862.560,00	
10	X.3.23.10	Fire Ext dry chemical powder : 68 kg		Unit	18.419.104,00	
	X.3.24.	FIRE EXTINGUISHER KARBON	I DIOKSIDA (CO2)			
1	X.3.24.1	Fire Ext karbon dioksida (CO2) : 2 kg		Unit	2.098.976,00	
2	X.3.24.2	Fire Ext karbon dioksida (CO2) : 5 kg		Unit	3.596.560,00	
3	X.3.24.3	Fire Ext karbon dioksida (CO2) : 6,8 kg		Unit	4.480.960,00	
4	X.3.24.4	Fire Ext karbon dioksida (CO2): 9 kg		Unit	5.660.160,00	
5	X.3.24.5	Fire Ext karbon dioksida (CO2): 23 kg Fire Ext karbon dioksida (CO2):		Unit	11.202.400,00	
6	X.3.24.6	45 kg		Unit	15.329.600,00	
	X.3.25.	FIRE ALARM				
1	X.3.25.1	Terminal box		Buah	1.919.201,60	
2	X.3.25.2	Smoke Detector		Buah	350.000,00	
3	X.3.25.3	Head Detector		Buah	266.928,00	
4	X.3.25.4	Alarm Bell		Buah	451.097,60	
5	X.3.25.5	Manual Break Glass		Buah	234.875,20	
6	X.3.25.6	Indicator Lamp		Buah	166.588,80	
7	X.3.25.7	MCFA (Master Control Fire Alarm)/FACP.		Unit	10.000.000,00	
	X.4.	HARGA PERALATAN LISTRIK				
	X.4.1.	Pengadaan Material Listrik				
1	Arde Instalasi I	_istrik		btg	308.600	
2	Bola lampu 65		EHL Twister 840/865	bh	347.600	
3	Bola lampu 45 w philips		EHL Twister 840/865	bh	271.600	
4	Bola lampu massimo 45 w			bh	218.800	
5	Bola lampu massimo 45 w			bh	252.500	
	'			bh	308.600	
7	Bola lampu massimo 105 w Bola lampu essential 18 w philips			bh	50.500	
	•	<u> </u>		bh		
8		gen 65 w philips		bh	252.500	
9	•	PLN 250 w philips			196.400	
10	Bola lampu me	eteor		bh	140.300	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
11	Bola lampu sorot 80 w,merah,biru,kuning		bh	308.600	
12	Bola lampu son 70 w		bh	196.400	
13	Bola lampu son 150 w		bh	218.800	
14	Bola lampu meteor		bh	140.300	
15	Bola Lampu Rotari		set	504.900	
16	Bola lampu sorot 80 w par		bh	252.500	
17	Bola lampu sorot 120 w par		bh	252.500	
18	Bola lampu sorot 150 w		bh	308.600	
19	Bola lampu sorot 200 w		bh	308.600	
20	Bola lampu TL 36,40 w philips		bh	308.600	
21	Bola lampu HPIT 400 w		bh	308.600	
22	Bola lampu genie 5 w		bh	39.300	
23	Bola lampu genie 8 w		bh	43.200	
24	Bola lampu genie 11 w		bh	46.100	
25	Bola lampu genie 18 w		bh	50.500	
26	Bola lampu cendle 10 w E 14 masko		bh	50.500	
27	Bola lampu TLS 14 w essent philips		bh	19.700	
28	Lampu slang warna warni		bh	30.900	
29	Lampu celling clamp brass 25 w		bh	476.900	
30	Lampu hias oulex		bh	280.500	
31	Gardel light GPL 005		bh	73.000	
32	Wall leten grey 60 w		bh	437.600	
33	Box ballast		bh	981.800	
34	Box MCB 3 phs		bh	84.200	
35	Ballast BSN 400 w philips		bh	504.900	
36	Ballast BSN 250 w philips		bh	443.200	
37	Ballast BSN 150 w philips		bh	252.500	
38	Ballast BSN 70 w philips		bh	196.400	
39	Ballast BHL 400 w philips		bh	504.900	
40	Ballast BHL 150 w philips		bh	252.500	
41	Ballast TL 36 w philips		bh	42.000	
42	Box penggerak		bh	1.402.500	
43	Box KWH mtr		set	2.805.000	
44	Body protection		set	308.600	
45	Beugel 3,8,9,10 ,13 "		bh	44.900	
46	Beugel 13 "		bh	50.500	
47	Besi siku 5x5x5 cm		mtr	95.400	
48	Besi siku 3x3x3 cm		mtr	50.500	
49	Besi NP 5 cm		mtr	28.100	
50	Besi UNP 6 x 1'2,5 m		btg	95.400	
51	Besi UNP 8 x 1,5 m		btg	140.300	
52	Besi UNP 8 x 75 m		btg	140.300	
53	Besi UNP 8 x 60 m		btg	140.300	
54	Besi UNP 8 x 1m		btg	196.400	
55	CCO 120-150/150		bh	73.000	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
56	Eye daylight 6 A		bh	95.400	
57	Elboch PVC 11/2 " d		ktk	38.000	
58	Drat skrup 5/16x11/2 "		bh	4.500	
59	Drat skrup 3/8x 2 "		bh	4.500	
60	Dos timbul		bh	16.900	
61	Fitting turunan E 27		bh	78.600	
62	Fitting poeselin E 40/ WD 40		bh	50.500	
63	Fuse HRC 200 A		bh	106.600	
64	Panel NDP komplit		unit	19.635.000	
65	Fixe dead 35/70 mm		set	101.000	
66	Fhiser S 6		bh	5.100	
67	Fhiser S 12,14		bh	22.500	
68	No.Fuse breker 3 phs 60 A		bh	1.402.500	
69	Magnet contactor		bh	1.094.000	
70	MCB I phase 6 A masko		bh	51.000	
71	MCB I phase 4 A MG		bh	73.000	
72	MCB I phase 6 A		bh	95.400	
73	MCB I phase 16 A		bh	95.400	
74	MCB I phase 20 A		bh	95.400	
75	MCB I phase 25 A		bh	140.300	
76	MCB I phase 32 A		bh	140.300	
77	MCB I phase 40 A		bh	308.600	
78	MCB I phase 50 A		bh	308.600	
79	MCB I phase 63 A		bh	392.700	
80	MCB 3 phase 16 A		bh	289.000	
81	MCB 3 phase 20 A		bh	289.000	
82	MCB 3 phase 25 A		bh	328.200	
83	MCB 3 phase 32 A		bh	328.200	
84	MCB 3 phase 40 A		bh	328.200	
85	MCB 3 phase 50 A		bh	953.700	
86	MCB 3 phase 63 A		bh	1.065.900	
87	M.Baut 3/6x 1 "		bh	2.900	
88	M.Baut 1/2x 2 "		bh	2.500	
89	M.Baut 3/8x11/2 "		bh	2.900	
90	M.Baut 1/2x 4 "		bh	2.900	
91	M.Baut 1/2x15 cm		bh	8.500	
92	Kap lampu HPIT 400 w philips		bh	2.550.000	
93	Kap lampu sorot HPIT 80 w philips		bh	325.000	
94	Kap lampu sorot HPIT 400 w philips		bh	3.000.000	
95	Kap lampu zetalux 150 w philips komplit		bh	1.550.000	
96	Kap lampu down light zetalux		bh	196.000	
97	Kap lampu PJ luminer		unt	9.930.800	
98	Kap lampu taman bulat		bh	308.600	
99	Kap lampu PJU osiwa		roll	981.800	
100	Kap lampu HP 300 w		bh	981.800	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
101	Kap lampu Pastro 204		bh	981.800	
102	Kap lampu pijar		bh	95.400	
103	Kap lampu taman Fiber		bh	50.500	
104	Kap lampu down light 11 w		bh	84.200	
105	Kap lampu down light 18 w		bh	106.600	
106	Kap TBC 288/414 1x4		bh	1.065.900	
107	Kap Imp taman bulat susu TQ 2 TL		bh	252.500	
108	Kas zekring 8 grup / 12 grup hanger		bh	504.900	
109	Kas zekring 18 grup / 24 grup hanger		bh	1.009.800	
110	Kabel NYA 1,5 mm		mtr	2.200	
111	Kabel NYA 2,5 mm		mtr	4.000	
112	Kabel NYA 4 mm		mtr	7.000	
113	Kabel NYM 2 x 2,5 mm		mtr	14.300	
114	Kabel NYM 3 x 2,5 mm		mtr	14.900	
115	Kabel NYM 3 x 4 mm		mtr	19.700	
116	Kabel NYM 4 x 4 mm		mtr	25.600	
117	Kabel NYY 3 x 4 mm		mtr	19.700	
118	Kabel NYY 4 x 4 mm		mtr	61.200	
119	Kabel NYY 4 x 6 mm		mtr	61.500	
120	Kabel NYY 4 x 10 mm		mtr	109.400	
121	Kabel NYY 1 x 70 mm		mtr	109.400	
122	Kabel duct 100 x 60		btg	252.500	
123	Kabel duct 16 x 25		btg	84.200	
124	Kabel duct 10 x 25		btg	84.200	
125	Kabel duct 40 x 25		btg	95.400	
126	Kabel ties 25 mm		bks	67.400	
127	Kabel ties 35 mm		bks	73.000	
128	Kabel twiested 4x16 mm		mtr	50.500	
129	Kabel twiested 2x10 mm		mtr	10.100	
130	Kabel twiested 3x50+1x35mm		mtr	50.500	
131	Kabel NYMHY 2 x 0,75 mm		mtr	8.500	
132	Kabel NYMHY 3 x 0,75 mm		mtr	10.100	
133	Kabel schon 70 mm Al/Cu		bh	62.000	
134	Kabel schon 25 mm		bh	11.300	
135	Kabel NYMF 10 mm		mtr	34.300	
136	Kabel NYMF 16 mm		mtr	40.200	
137	Kabel NYMFGBY 4x6 mm		mtr	40.200	
138	Kabel NYMFGBY 4x10 mm		mtr	73.000	
139	Kabel NYMFGBY 4x 25 mm		mtr	252.500	
140	Kabel NYMFGBY 4x 50 mm		mtr	375.900	
141	Kabel NYMFGBY 4x 70 mm		mtr	493.700	
142	Klem beugel 11/2 x3 "		set	73.000	
143	Klem beugel 11/2 x 4 "		set	73.000	
144	Klem beugel 11/2 x 5 "		set	73.000	
145	Klem beugel 11/2 x 7,9 "		set	84.200	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
146	Klem kabel No.10 mm		ktk	50.500	
147	Klem kabel No.12 mm		ktk	73.000	
148	Klem kabel No.19 mm		ktk	73.000	
149	Klem stenlis		bh	19.700	
150	Klem sleng 1/2 "		bh	8.500	
151	Kapasitor		bh	130.000	
152	Isolasi schot 23		btg	138.600	
153	Isolasi unibal		bh	41.000	
154	Ignitor SN 58		bh	129.100	
155	Ignitor SN 150		bh	129.100	
156	Terminal kabel 25 mm		bh	154.300	
157	Tap sadapan		bh	22.500	
158	Tap conector doubel baut		bh	44.900	
159	Time swicht		bh	1.178.100	
160	Tiang lampu taman		bh	308.600	
161	Tiang besi 9 M		btg	3.366.000	
162	Tiang besi 9 M 4,5,6 "		btg	3.646.500	
163	Tiang besi 9 M cabang dua (2)		btg	3.758.700	
164	T.dos PVC 5/8"		bh	14.100	
165	T.dos clipsal		bh	22.500	
166	Treck schoor		set	1.402.500	
167	Suspension		bh	78.600	
168	Service widge clamp		bh	28.100	
169	Panel MCB 2 grup Dexta		bh	73.000	
170	Pole brecket 3 "		set	50.500	
171	Pipa PVC 5/8 "		btg	16.900	
172	Pipa PVC 1/2 aw		btg	95.400	
173	Pipa PVC 11/4 d		bh	50.500	
174	Pipa ornament 11/2 x 11/2 M		btg	196.400	
175	Pipa ornament 11/2 x 1 M		btg	196.400	
176	Pipa ornament 11/2 x 2 M		btg	252.500	
177	Paku skrup 11/4 "		bh	2.900	
178	Paku skrup 11/2 "		bh	2.900	
179	Paku beton 2 "		bh	3.400	
180	Plat stenlis		mtr	19.700	
181	Lerge engle 35 x70 mm		set	207.600	
182	Steker 2 P		bh	14.100	
183	Steker AC		bh	84.200	
184	Stater S 10		bh	8.500	
185	Stanol		klg	16.900	
186	Sock pvc 2 " aw		bh	11.300	
187	Sock lampu selang / flexible		bh	16.900	
188	Skalar doubel clipsal		bh	30.900	
189	Skalar tunggal clipsal		bh	28.100	
190	Skalar bell clipsal		bh	140.300	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
191	Stop ktk cab 4 panjang		bh	14.100	
192	Stop ktk cab 4 segi 4		bh	140.300	
193	Stop ktk AC clipsal		bh	84.200	
194	Stop ktk clipsal		bh	28.100	
195	Rel tembaga sisir		bh	154.300	
196	Rel dudukan MCB		mtr	50.500	
197	Ring 3/8 ".5/8 " 1/2 "3/4 "		bh	2.900	
198	Join sleep 70 mm		bh	50.500	
199	Join sleep 70 mm		bh	50.500	
200	OK mtr 3 phase		set	168.300	
201	Handel ohm saklar 63 A 3 phs		bh	1.683.000	
	X.4.2. Lampu Gantung, Berdiri, Meja X.4.2.1. Lampu Gantung	Dan Dinding (Optio Bowl, Cone, Flat)			
1.	Optio Bowl	Benitho HL	Buah	387.200	Artolite
2.	Optio Cone	Big Geovany HL	Buah	439.800	Artolite
3.	Optio Flat	Sheila HL	Buah	525.800	Artolite
4.	Stelo Globe	C4 HL Incandescent 4x25/40 Watt	Buah	2.310.700	Artolite
5.	Stelo Globe	C12 HL Incandescent 12x25/40 Watt	Buah	8.086.200	Artolite
6.	Stelo Pyramide	C4 HL Incandescent 4x25/40 Watt	Buah	2.310.700	Artolite
7.	Stelo Pyramide	C12 HL Incandescent 12x25/40 Watt	Buah	8.086.200	Artolite
8.	HLG Pyramide	ACR E 27	Buah	816.700	Artolite
9.	HLG CD 5 ACR	Grill 32 CDMT	Buah	1.020.500	Artolite
10.	HLG Geovany	A C3 E14	Buah	1.020.500	Artolite
11.	HLG Geovany	S C1 E14	Buah	471.700	Artolite
12.	HLG	CFA E27	Buah	338.400	Artolite
13.	HLG Stelo Globe	C1 E27	Buah	513.400	Artolite
14.	HLG Stelo Pyramide	C1 E27	Buah	513.400	Artolite
15.	Deco Slim	S HL Incandescent 25/40 Watt	Buah	1.839.600	Artolite
16.	Deco Slim	R HL Incandescent 25/40 Watt	Buah	1.858.400	Artolite
17.	Deco Thin	S HL	Buah	2.206.700	Artolite
18.	Deco Thin	R HL	Buah	2.225.500	Artolite
19.	HLG WRB	E27	Buah	332.700	Artolite
20.	HLG Shyompink	A1-18 4XE14	Buah	1.022.100	Artolite
21.	HL WND SLP	053-20 CA 4XE27	Buah	2.347.700	Artolite
22.	HL WND SLP	053-20 C1 E27	Buah	593.500	Artolite
23.	HLG Terra	E27	Buah	814.000	Artolite
24.	HLG 9 SVN	E27	Buah	524.200	Artolite
25.	HLG CF 2	Big Geovany C3 E27	Buah	2.090.300	Artolite
26.	HLP Sheila Joint 4	E27	Buah	2.258.300	Artolite
27.	HLG Govany C1	E27	Buah	384.000	Artolite
28.	HLP Govany C4	E27	Buah	1.399.500	Artolite
29.	HLG Eliza 20 C2	E27	Buah	1.037.600	Artolite
30.	HLG CF BG 5 C2	E27	Buah	744.300	Artolite
31.	HLG Cede Grill 42	E27	Buah	1.301.100	Artolite

32	HARGA MERK	SATUAN	UKURAN/TIPE	NAMA BARANG	NO.
34. HLG CF KRV E27 Buah 211.600 35. HLG CF KPS E27 Buah 389.000 36. HLG CF KNS E27 Buah 320.900 37. HL CD 32 ART Buah 824.700 38. HL 317 E27 Buah 496.400 39. HL Shinam C1 E27 Buah 399.800 40. HL Bhinam C1 E27 Buah 399.800 X.4.2.2. Lampu Berdiri X.4.2. Lampu Berdiri 1. Optio Bowl Benitho SL Buah 1.463.200 2. Optio Cone Sibu SL Buah 1.469.300 4. SL Polyana E14 Buah 2.594.900 4. SL Polyana E14 Buah 2.594.900 5. SL Magnolia E14 Buah 2.594.900 6. SL Flammea E14 Buah 2.594.900 7. LS Lavender Buah 5.599.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena L	527.200 Artolite	Buah	E27	HLG CF D 31	32.
35. HLG CF KPS E27 Buah 389.000 36. HLG CF KNS E27 Buah 320.900 37. HL CD 32 ART Buah 824.700 38. HL 317 E27 Buah 496.400 39. HL Shinam C1 E27 Buah 399.800 40. HL Bhinam C1 E27 Buah 399.800 X.4.2.2. Lampu Berdiri	518.000 Artolite	Buah	E27	HLG CF D 32	33.
36. HLG CF KNS E27 Buah 320,900 37. HL CD 32 ART Buah 824,700 38. HL 317 E27 Buah 496,400 39. HL Shinam C1 E27 Buah 399,800 40. HL Bhinam C1 E27 Buah 399,800 K.4.2.2. Lampu Berdiri Lampu Berdiri Buah 1,463,200 2. Optio Cone Sibu SL Buah 1,469,300 4. SL Polyana E14 Buah 2,594,900 5. SL Magnolia E14 Buah 3,803,700 6. St. Flammea E14 Buah 2,666,600 7. LS Lavender Buah 2,666,600 8. LS Lengkung E27 Buah 1,036,400 10. Zhena LS Buah 2,543,500 10. Zhena LS Buah 2,543,500 11. Zhena DL Buah 9,380,000 12. LS Alicia Buah 2,750,000 13. LS Althea Buah 2,750,000 14. Deco Thin R S.L	211.600 Artolite	Buah	E27	HLG CF KRV	34.
37. HL CD 32 ART Buah 824,700 38. HL 317 E27 Buah 496,400 39. HL Shinam C1 E27 Buah 399,800 40. HL Bhinam C1 E27 Buah 399,800 X.4.2.2. Lampu Berdiri Buah 1.463,200 2. Optio Cone Sibu SL Buah 1.462,200 3. Optio Flat Big Geovany SL Buah 1.469,300 4. SL Polyana E14 Buah 2.594,900 5. SL Magnolia E14 Buah 3.803,700 6. SL Flammea E14 Buah 2.668,600 7. LS Lavender Buah 5.598,900 8. LS Lengkung E27 Buah 1.036,400 9. LS Minosa E27 Buah 1.036,400 9. LS Minosa E27 Buah 1.618,000 10. Zhena LS Buah 938,000 11. Zhena DL Buah 938,000 12. LS Alicia Buah 5.318,200 13. LS Althea Buah	389.000 Artolite	Buah	E27	HLG CF KPS	35.
38. HL 317 E27 Buah 496.400 39. HL Shinam C1 E27 Buah 399.800 40. HL Bhinam C1 E27 Buah 399.800 X.4.2.2. Lampu Berdiri Lampu Berdiri Benitho SL Buah 1.463.200 2. Optio Cone Sibu SL Buah 1.463.200 3. Optio Flat Big Geovany SL Buah 1.469.300 4. SL Polyana E14 Buah 2.594.900 5. SL Magnolia E14 Buah 3.803.700 6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 2.668.600 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800	320.900 Artolite	Buah	E27	HLG CF KNS	36.
39, HL Shinam C1	824.700 Artolite	Buah		HL CD 32 ART	37.
A0. HL Bhinam C1	496.400 Artolite	Buah	E27	HL 317	38.
X.4.2.2.	399.800 Artolite	Buah	E27	HL Shinam C1	39.
1. Optio Bowl Benitho SL Buah 1.463.200 2. Optio Cone Sibu SL Buah 1.482.000 3. Optio Flat Big Geovany SL Buah 1.469.300 4. SL Polyana E14 Buah 2.594.900 5. SL Magnolia E14 Buah 3.803.700 6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 9.38.000 12. LS Alicia Buah 5.318.200 Buah 5.318.200 13. LS Althea Buah 4.855.800 Buah 2.750.000 14. Deco Thin S SL Buah 2.760.000 15. Deco Thin R SL Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27	399.800 Artolite	Buah	E27	HL Bhinam C1	40.
2. Optio Cone Sibu SL Buah 1.482.000 3. Optio Flat Big Geovany SL Buah 1.469.300 4. SL Polyana E14 Buah 2.594.900 5. SL Magnolia E14 Buah 3.803.700 6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 1.035.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Ferra				X.4.2.2. Lampu Berdiri	
3. Optio Flat Big Geovany SL Buah 1.469.300 4. SL Polyana E14 Buah 2.594.900 5. SL Magnolia E14 Buah 3.803.700 6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 1.035.000 16. LS Shyompink A1-18 2XE14 Buah 1.352.000 17. LS WND SLP 053-20 E27 Buah 1.415.000 19. LS Terra E27 Buah 1.415.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 <td>1.463.200 Artolite</td> <td>Buah</td> <td>Benitho SL</td> <td>Optio Bowl</td> <td>1.</td>	1.463.200 Artolite	Buah	Benitho SL	Optio Bowl	1.
4. SL Polyana E14 Buah 2.594.900 5. SL Magnolia E14 Buah 3.803.700 6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.229.000 19. LS Terra E27 Buah 1.000.000 20. LS Angels Cab 3 E14 Buah 1.000.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27	1.482.000 Artolite	Buah	Sibu SL	Optio Cone	2.
5. SL Magnolia E14 Buah 3.803.700 6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 938.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 2.750.000 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 1.035.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.29.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27	1.469.300 Artolite	Buah	Big Geovany SL	Optio Flat	3.
6. SL Flammea E14 Buah 2.668.600 7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 E14 Buah 958.000 22. LS CF A E27 Buah 900.000	2.594.900 Artolite	Buah	E14	SL Polyana	4.
7. LS Lavender Buah 5.598.900 8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 2.750.000 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.229.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 E14 Buah 958.000 22. LS CF A E27 Buah 900.000	3.803.700 Artolite	Buah	E14	SL Magnolia	5.
8. LS Lengkung E27 Buah 1.036.400 9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	2.668.600 Artolite	Buah	E14	SL Flammea	6.
9. LS Minosa E27 Buah 2.543.500 10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.229.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 E14 Buah 958.000 22. LS CF A E27 Buah 900.000	5.598.900 Artolite	Buah		LS Lavender	7.
10. Zhena LS Buah 1.618.000 11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.036.400 Artolite	Buah	E27	LS Lengkung	8.
11. Zhena DL Buah 938.000 12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	2.543.500 Artolite	Buah	E27	LS Minosa	9.
12. LS Alicia Buah 5.318.200 13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.061.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.618.000 Artolite	Buah	LS	Zhena	10.
13. LS Althea Buah 4.855.800 14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	938.000 Artolite	Buah	DL	Zhena	11.
14. Deco Thin S SL Buah 2.750.000 15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	5.318.200 Artolite	Buah		LS Alicia	12.
15. Deco Thin R SL Buah 2.760.000 16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	4.855.800 Artolite	Buah		LS Althea	13.
16. LS Shyompink A1-18 2XE14 Buah 1.035.000 17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	2.750.000 Artolite	Buah	S SL	Deco Thin	14.
17. LS WND SLP 053-20 E27 Buah 1.352.000 18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	2.760.000 Artolite	Buah	R SL	Deco Thin	15.
18. LS 9 SVN E27 Buah 1.415.000 19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.035.000 Artolite	Buah	A1-18 2XE14	LS Shyompink	16.
19. LS Terra E27 Buah 1.229.000 20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.352.000 Artolite	Buah	053-20 E27	LS WND SLP	17.
20. LS Angels Cab 3 E14 Buah 1.400.000 21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.415.000 Artolite	Buah	E27	LS 9 SVN	18.
21. LS WND BG 5 E14 Buah 1.061.000 22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.229.000 Artolite	Buah	E27	LS Terra	19.
22. LS CF A E27 Buah 958.000 23. LS Stelo Globe E27 Buah 900.000	1.400.000 Artolite	Buah	E14	LS Angels Cab 3	20.
23. LS Stelo Globe E27 Buah 900.000	1.061.000 Artolite	Buah	E14	LS WND BG 5	21.
	958.000 Artolite	Buah	E27	LS CF A	22.
24 1.0 Chalainiii 11alanan	900.000 Artolite	Buah	E27	LS Stelo Globe	23.
24. LS Stalaknit Haiogen Buah 1.286.000	1.286.000 Artolite	Buah		LS Stalaknit Halogen	24.
X.4.2.3. Lampu Meja				X.4.2.3. Lampu Meia	
1. Optio Cone Sibu DL Buah 705.000	705.000 Artolite	Buah	Sibu DL	. ,	1.
2. Optio Flat Sheila DL Buah 841.000				•	
3. Deco Slim S DL Incandescent 25/40 Watt Buah 2.077.000				<u>'</u>	
4. Deco Slim R DL Incandescent 25/40 Watt Buah 2.027.000					
5. Deco Slim R SL Incandescent 25/40 Watt Buah 3.271.000					
6. Deco Slim S SL Incandescent 25/40 Watt Buah 3.258.000					
7. Deco Thin S DL Incandescent 25/40 Watt Buah 2.473.000					
8. Deco Thin R DL Incandescent 25/40 Watt Buah 2.423.000					

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
9.	DL Benitho	E27	Buah	660.000	Artolite
10.	DL WND BG 5	E14	Buah	1.108.000	Artolite
11.	DL Giovany	E27	Buah	637.000	Artolite
12.	DL Giovany S	E14	Buah	363.000	Artolite
13.	DL Giovany RST	E27	Buah	389.000	Artolite
14.	DL Shyompink	A1-18 2XE14	Buah	724.000	Artolite
15.	DL 9 SVN	E27	Buah	857.800	Artolite
16.	DL WND SLP	053-20 E27	Buah	742.000	Artolite
	X.4.2.4. Lampu Dinding				
1.	Optio Stick		Buah	811.600	Artolite
2.	Stelo Globe	C1 WL Incandescent 25/40 Watt	Buah	393.000	Artolite
3.	Stelo Globe	C2 WL Incandescent 2x25/40 Watt	Buah	657.000	Artolite
4.	Stelo Pyramide	C1 WL Incandescent 25/40 Watt	Buah	393.000	Artolite
5.	Stelo Pyramide	C2 WL Incandescent 2x25/40 Watt	Buah	657.000	Artolite
6.	WL Lingua	E 27	Buah	689.000	Artolite
7.	WL Geovany	E 27	Buah	418.000	Artolite
8.	WL Geovany S	E 14	Buah	385.000	Artolite
9.	WL WND BG5	E 14	Buah	616.000	Artolite
10.	WL Kipas KRS	E 27	Buah	285.000	Artolite
11.	WL Angel	E 14	Buah	521.000	Artolite
12.	WL Parabola	E 14 + BG 5"F	Buah	466.000	Artolite
13.	WL Aladin	E27 Frost	Buah	375.000	Artolite
14.	WL Canopy	E27	Buah	441.300	Artolite
15.	WL Mini Cessna	E27	Buah	762.100	Artolite
16.	WL Daico C	E27	Buah	275.600	Artolite
17.	WL Bulkhead	ACR PL	Buah	284.200	Artolite
18.	WL Parking	2 XPL KRS	Buah	566.200	Artolite
19.	WL Pethron	E27	Buah	1.336.900	Artolite
20.	WL Vikora	E27	Buah	1.153.100	Artolite
21.	WL CF A	E27	Buah	406.400	Artolite
22.	WL Gubba	E27	Buah	552.000	Artolite
23.	WL Vikora W	E27	Buah	1.153.100	Artolite
24.	Optio Bowl	Benitho WL	Buah	603.800	Artolite
25.	Optio Cone	Sibu WL	Buah	632.300	Artolite
26.	Optio Flat	Big Geovany WL	Buah	608.700	Artolite
27.	WL Terra	E27	Buah	878.700	Artolite
28.	WL Shyompink	A1-18 2XE14	Buah	528.800	Artolite
29.	DL WND SLP	053-20 E27	Buah	573.500	Artolite
	X.4.2.5. Lampu Langit-langit Untuk D)ekorasi			
1.	Mentos	20 ACR Milk Frost	Buah	169.000	Artolite
2.	Sunflower	32 ACR Milk Frost	Buah	255.200	Artolite
3.	Square	4-20 ACR Milk Frost	Buah	168.900	Artolite
4.	Square	8-32 ACR Milk Frost	Buah	168.900	Artolite

1. R 2. R 3. R 4. R 5. R 6. R 7. C 8. D 9. R 11. R 12. R 13. R 14. R	A.4.2.6. Lampu Bawah AD 150 AD 175 AD 175 AD 150 AD 175 AD SQ Oppala 1 AD 5 BFSM Lux AD 4 AD Halogen AD Halogen AD Halogen AD 2 VSL Abster Abster	STD PLC STD PLC Horizontal RS Horizontal PRS 1XPLC Horizontal PRS 2XPLC PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	180.400 207.400 199.300 800.722 210.100 310.900 201.300 155.900 107.200 119.100 116.700 120.300	Artolite
1. R 2. R 3. R 4. R 5. R 6. R 7. C 8. D 9. R 11. R 12. R 13. R 14. R	RD 150 RD 175 RD 175 RD 150 RD 175 RD 150 RD 175 RD SQ Oppala 1 RD 5 BFSM Lux RD Halogen RD Halogen RD 2 VSL Roster	STD PLC Horizontal RS Horizontal PRS 1XPLC Horizontal PRS 2XPLC PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	207.400 199.300 800.722 210.100 310.900 201.300 155.900 107.200 119.100 116.700	Artolite
2. R 3. R 4. R 5. R 6. R 7. C 8. D 9. R 10. R 11. R 12. R 13. R 14. R	RD 175 RD 175 RD 150 RD 175 RD SQ Oppala 1 RD 5 BFSM Lux RD Halogen RD Halogen RD Halogen RD 2 VSL	STD PLC Horizontal RS Horizontal PRS 1XPLC Horizontal PRS 2XPLC PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	207.400 199.300 800.722 210.100 310.900 201.300 155.900 107.200 119.100 116.700	Artolite
3. R 4. R 5. R 6. R 7. C 8. D 9. R 10. R 11. R 12. R 13. R 14. R	RD 175 RD 150 RD 175 RD SQ Oppala 1 RD 5 BFSM Lux RD UX RD Halogen RD Halogen RD VSL	Horizontal RS Horizontal PRS 1XPLC Horizontal PRS 2XPLC PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	199.300 800.722 210.100 310.900 201.300 155.900 107.200 119.100 116.700	Artolite
4. R 5. R 6. R 7. C 8. D 9. R 10. R 11. R 12. R 14. R 14. R	RD 150 RD 175 RD SQ Oppala 1 RD 5 BFSM Lux RD Halogen RD Halogen RD 2 VSL	Horizontal PRS 1XPLC Horizontal PRS 2XPLC PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	800.722 210.100 310.900 201.300 155.900 107.200 119.100 116.700	Artolite Artolite Artolite Artolite Artolite Artolite Artolite Artolite
5. R 6. R 7. C 8. D 9. R 10. R 11. R 12. R 13. R 14. R	2D 175 2D SQ Oppala 1 2D 5 BFSM Lux 20 2WL 2D Halogen 2D Halogen 2D2 VSL 20ster	Horizontal PRS 2XPLC PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	210.100 310.900 201.300 155.900 107.200 119.100 116.700	Artolite Artolite Artolite Artolite Artolite Artolite Artolite
6. R 7. C 8. D 9. R 10. R 11. R 12. R 13. R 14. R	RD SQ Oppala 1 CD 5 BFSM Lux DO RWL RD Halogen RD Halogen RD2 VSL Roster	PLC E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah Buah	310.900 201.300 155.900 107.200 119.100 116.700	Artolite Artolite Artolite Artolite Artolite Artolite
7. C 8. D 9. R 10. R 11. R 12. R 13. R 14. R X 1. G	CD 5 BFSM Lux DO PWL RD Halogen RD Halogen RD2 VSL Roster	E27 3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah Buah	201.300 155.900 107.200 119.100 116.700	Artolite Artolite Artolite Artolite
8. D 9. R 10. R 11. R 12. R 13. R 14. R	PWL RD Halogen RD2 VSL Roster	3 HALOGEN 2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah Buah Buah	155.900 107.200 119.100 116.700	Artolite Artolite Artolite
9. R 10. R 11. R 12. R 13. R 14. R X 1. G	RWL RD Halogen RD Halogen RD2 VSL Roster	2-1 Halogen Reff Halogen Baffle Halogen	Buah Buah Buah Buah	107.200 119.100 116.700	Artolite Artolite
10. R 11. R 12. R 13. R 14. R X 1. G	RD Halogen RD Halogen RD2 VSL Roster	Reff Halogen Baffle Halogen	Buah Buah Buah	119.100 116.700	Artolite
11. R 12. R 13. R 14. R X 1. G	RD Halogen RD2 VSL Roster	Baffle Halogen	Buah Buah	116.700	
12. R 13. R 14. R X 1. G	RD2 VSL Poster	<u> </u>	Buah		Artonte
13. R 14. R X 1. G	Poster	паюден			Artolite
14. R X 1. G			Buan		
1. G	cosei		Duch	76.400	Artolite
1. G			Buah	38.600	Artolite
1. G	4.2.7. Lampu Taman				
	G.4.2.7. Lampu Taman GL Pilar	Daico E27	Buah	669.600	Artolite
/ 117	SL Pilar		Buah	827.600	Artolite
		Cylinder Cyruss E27			
	GL Gubba	E27	Buah	1.042.500	Artolite
	SL Vikora	E27	Buah	1.165.400	Artolite
	GL E27 + BG 12	Frost	Buah	347.900	Artolite
	SLG E27 + BG 12	Frost	Buah	402.900	Artolite
	SL Lingua	E27	Buah	1.454.700	Artolite
	GL Cede Grill	32 E27	Buah	1.122.300	Artolite
	GL Cede Grill	32 STL E27	Buah	1.233.200	Artolite
	SL Pilar Daiko	Persegi Kotak E27	Buah	735.900	Artolite
	SL Pethron	1R5 E27	Buah	1.522.500	Artolite
	GL Big Cessna	E27	Buah	1.962.800	Artolite
	GL Octagon	E27	Buah	1.086.800	Artolite
	L Helio	E27	Buah	1.117.600	Artolite
	L Prisma	E27	Buah	1.102.200	Artolite
	SL Top	ACR Grill E27	Buah	1.635.600	Artolite
	L Asteroid	E27	Buah	1.133.000	Artolite
	SL Pethron	E27	Buah	1.518.900	Artolite
	L BD 137	E27	Buah	1.079.100	Artolite
	L BD 833	E27	Buah	1.438.700	Artolite
21. P	PL BD 862	E27	Buah	1.517.800	Artolite
У	4.2.8. Lampu Ringan Umum				
	MM 300 Gloss 2x36	ALML (1) Savy	Buah	786.500	Artolite
	MM 300 Gloss 2x36	Strip (M2) Savy	Buah	809.300	Artolite
	MM 300 Gloss 2x36	Divider (M4) Savy	Buah	875.000	Artolite
4. P	MVI 000 01033 ZAJU	Divider (IVIT) Javy	Buah	1.335.800	Artolite

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
5.	Oriont Ceiling 2x36 M5		Buah	1.389.700	Artolite
6.	Revo RM T5 2x28		Buah	1.495.400	Artolite
7.	GMS TP 1x36 Savy		Buah	493.200	Artolite
8.	BLTG 1x36 Savy		Buah	149.600	Artolite
9.	TKTG 1x36 Savy		Buah	198.900	Artolite
10.	V Shape TP 2x36 Savy		Buah	256.700	Artolite
11.	RMO 2x36 Savy		Buah	413.200	Artolite
12.	RMOT 2x36 Savy		Buah	439.400	Artolite
13.	RM 300 MO 2x36 Savy		Buah	417.500	Artolite
	X.4.3. Bola Lampu				
1.	Bola Lampu	E - Max 17 Watt	Buah	159.600	Philips
2.	Bola Lampu	Essential 18 Watt	Buah	244.600	Philips
3.	Bola Lampu	Halogen 1000 Watt	Buah	266.000	Philips
4.	Bola Lampu	Halogen 500 Watt	Buah	191.500	Philips
5.	Bola Lampu	HPIT 400 Watt	Buah	744.600	Philips
6.	Bola Lampu	HPL 125 Watt Mercury	Buah	266.000	Philips
7.	Bola Lampu	Mercury 250 Watt	Buah	372.300	Philips
8.	Bola Lampu	ML 160 Watt	Buah	221.500	Philips
9.	Bola Lampu	ML 250 Watt	Buah	310.100	Philips
10.	Bola Lampu	Natrium 250 Watt	Buah	563.700	Philips
11.	Bola Lampu	Natrium sox 135 Watt	Buah	531.900	Philips
12.	Bola Lampu	Natrium sox 35 Watt	Buah	340.300	Philips
13.	Bola Lampu	Natrium sox 55 Watt	Buah	478.700	Philips
14.	Bola Lampu	SL 15 Watt	Buah	203.800	Philips
15.	Bola Lampu	SL 20 Watt	Buah	203.800	Philips
16.	Bola Lampu	Pijar 100 Watt	Buah	22.000	Philips
17.	Bola Lampu	Pijar 40 Watt	Buah	16.700	Philips
18.	Bola Lampu	Pijar 40 Watt	Buah	16.700	Chiyoda
19.	Bola Lampu	Pijar 25 Watt	Buah	16.700	Philips
20.	Bola Lampu	Pijar 5 Watt	Buah	13.300	Philips
21.	Bola Lampu	Pijar 60 Watt	Buah	16.700	Philips
22.	Bola Lampu	Seri Natal	Kotak	310.100	Elite (RRE)
23.	Bola Lampu	Son/Natrium 150 Watt	Buah	398.800	Philips
24.	Bola Lampu	Son 100 Watt	Buah	372.300	Philips
25.	Bola Lampu	Son 125 Watt	Buah	427.400	Philips
26.	Bola Lampu	Son 250 Watt	Set	505.100	Philips
27.	Bola Lampu	Son 70 Watt	Buah	372.300	Philips
28.	Bola Lampu	Son H 220 Watt	Buah	505.100	Philips
29.	Bola Lampu	Sorot 200 Watt	Buah	180.800	Toki (Japan)
30.	Bola Lampu	Sorot 300 Watt	Buah	191.500	Toki (Japan)
31.	Bola Lampu	Sorot 500 Watt	Buah	221.500	Toki (Japan)
32.	Bola Lampu	Sorot 80 Watt	Buah	186.100	Philips
33.	Bola Lampu	Sorot Halogen 500 Watt Komplit	Buah	620.500	Philips
34.	Bola Lampu	TL 10 Watt	Buah	44.200	Philips

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
35.	Bola Lampu	TL 20 Watt Bulat	Dos	79.700	Philips
36.	Bola Lampu	TL 20 Watt Panjang	Buah	44.200	Philips
37.	Bola Lampu	TL 40 Watt Bulat	Buah	132.900	Chiyoda
38.	Bola Lampu	TL 40 Watt Panjang	Buah	48.700	Philips
39.	Bola Lampu	TL 36 Watt Panjang	Buah	48.700	Philips
40.	Bola Lampu	Bolam sleng	M	110.000	
	X.4.4. Kap Lampu				
	X.4.4.1. Kap Lampu Kantor				
1.	Kap Lampu	RM 300 Glossy 2 x 18 ALML	Buah	1.152.300	Artolite
2.	Kap Lampu	RM 300 Glossy 2 x 36 ALML	Buah	1.152.300	Artolite
3.	Kap Lampu	RM 300 Crystal 2 x 18 ALML	Buah	842.000	Artolite
4.	Kap Lampu	RM 300 Crystal 2 x 36 ALML	Buah	1.210.600	Artolite
5.	Kap Lampu	RM 300 Glossy 2 x 18 DIV	Buah	890.000	Artolite
6.	Kap Lampu	RM 300 Glossy 2 x 36 DIV	Buah	1.924.300	Artolite
7.	Kap Lampu	RM 300 2 x 18 ACR	Buah	564.000	Philips
8.	Kap Lampu	RM 300 2 x 36 ACR	Buah	1.080.900	Artolite
9.	Kap Lampu	RM 300 2 x 18 KRS	Buah	704.000	Artolite
10.	Kap Lampu	RM 300 2 x 36 KRS	Buah	1.058.700	Artolite
11.	Kap Lampu	RM 300 2 x 18 AP	Buah	664.700	Artolite
12.	Kap Lampu	RM 300 2 x 36 AP	Buah	1.152.300	Artolite
13.	Kap Lampu	RM 300 2 x 18 MLL	Buah	880.500	Artolite
14.	Kap Lampu	RM 300 2 x 36 MLL	Buah	1.404.600	Artolite
15.	Kap Lampu	RMI 300 Glossy 2 x 18 ALML	Buah	929.700	Artolite
16.	Kap Lampu	RMI 300 Glossy 2 x 36 ALML	Buah	1.483.200	Artolite
	Kap Lampu	RMI 300 Crystal 2 x 18 ALML	Buah	669.800	Artolite
18.	Kap Lampu	RMI 300 Crystal 2 x 36 ALML	Buah	1.130.300	Artolite
19.	Kap Lampu	RMI 300 Glossy 2 x 18 DIV	Buah	819.100	Artolite
20.	Kap Lampu	RMI 300 Glossy 2 x 36 DIV	Buah	1.356.600	Artolite
21.	Kap Lampu	SM 2 x 18 ACR	Buah	545.000	Artolite
22.	Kap Lampu	BL 1 x 10	Buah	150.600	Artolite
23.	Kap Lampu	BL 1 x 18	Buah	168.300	Artolite
24.	Kap Lampu	BL 2 x 18	Buah	310.100	Artolite
25.	Kap Lampu	BL 3 x 18	Buah	797.800	Artolite
26.	Kap Lampu	BL 1 x 36	Buah	257.000	Artolite
27.	Kap Lampu	BL 2 x 36	Buah	514.100	Artolite
28.	Kap Lampu	BL 3 x 36	Buah	664.700	Artolite
	X.4.4.2. Kap Lampu Down Lights				
1.	Kap Lampu	RD 100 E27	Buah	221.500	Artolite
2.	Kap Lampu	RD 125 E27	Buah	266.000	Artolite
3.	Kap Lampu	RD 150 E27	Buah	310.100	Artolite
4.	Kap Lampu	RD 175 E27	Buah	310.100	Artolite
5.	Kap Lampu	RD 225 E27	Buah	416.500	Artolite
6.	Kap Lampu	DO 6 RSL E27	Buah	487.400	Artolite

NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7.	Kap Lampu		CD 3-1 Halogen	Buah	310.100	Artolite
8.	Kap Lampu		DO 4 E27	Buah	261.100	Artolite
9.	Kap Lampu		DO 6 E27	Buah	357.800	Artolite
	X.4.4.3.	Kap Lampu Industrial Lights				
1.	Kap Lampu		Industrial Light I E40 (55)	Buah	1.155.000	Artolite
2.	Kap Lampu		Industrial Light II E40 (55)	Buah	1.187.500	Artolite
3.	Kap Lampu		Industrial Light I Square E40 (40)	Buah	904.100	Artolite
4.	Kap Lampu		Industrial Light II Square E40 (40)	Buah	904.100	Artolite
5.	Kap Lampu		Kap WD 35,5 E40 + Fitting Gantung	Buah	387.200	Artolite
6.	Kap Lampu		Kap WD 42,5 E40 + Fitting Gantung	Buah	423.400	Artolite
	X.4.4.4.	Kap Lampu Garden Lamp				
1.	Kap Lampu		GL Mini Cessna E27	Buah	1.010.600	Artolite
2.	Kap Lampu		GL Pillar Cyruss E27	Buah	1.010.600	Artolite
3.	Kap Lampu		GLG E27 + BG 12" C	Buah	484.300	Artolite
4.	Kap Lampu		GL E27 + BG 12" M	Buah	453.500	Artolite
	X.4.4.5.	Kap Lampu Jalan				
1.	Lampu Jalan		Pathfinder HPS 70 Watt	Buah	4.095.000	Artolite
2.	Lampu Jalan		Pathfinder HPLN 80 Watt	Buah	3.861.000	Artolite
3.	Lampu Jalan		Pathfinder HPLN 125 Watt	Buah	3.977.700	Artolite
4.	Lampu Jalan		Pathfinder HQIE 150 Watt	Buah	4.446.000	Artolite
5.	Lampu Jalan		MRL-10 HPST 150 Watt	Buah	4.095.000	Artolite
6.	Lampu Jalan		MRL-10 HQIE 150 Watt	Buah	4.201.400	Artolite
7.	Lampu Jalan		MRL-10 HPST 250 Watt	Buah	4.563.000	Artolite
8.	Lampu Jalan		MRL-10 HPLN 250 Watt	Buah	4.148.200	Artolite
9.	Lampu Jalan		MRL-10 HPIT 250 Watt	Buah	4.800.000	Artolite
10.	Lampu Jalan		MRL-2 HPS 70 Watt	Buah	2.000.000	Artolite
11.	Lampu Jalan		MRL-2 HPLN 80 Watt	Buah	1.800.000	Artolite
12.	Lampu Jalan		MRL-2 MII 100 Watt	Buah	1.800.000	Artolite
13.	Lampu Jalan		MRL-2 HPST 70 Watt	Buah	2.500.000	Artolite
14.	Lampu Jalan		MRL-2 HQIE 150 Watt	Buah	2.500.000	Artolite
15.	Lampu Jalan		MRL-8 HPLN 125 Watt	Buah	4.000.000	Artolite
16.	Lampu Jalan		MRL-8 HPST 150 Watt	Buah	4.100.000	Artolite
17.	Lampu Jalan		MRL-8 HQIE 150 Watt	Buah	4.250.000	Artolite
18.	Lampu Jalan		MRL-8 HPST 250 Watt	Buah	4.570.000	Artolite
19.	Lampu Jalan		MRL-8 HPLN 250 Watt	Buah	4.150.000	Artolite
20.	Lampu Jalan		MRL-8 HPIT 250 Watt	Buah	4.800.000	Artolite
21.	Lampu Jalan		MRL-9 SON 250 Watt	Buah	2.240.000	Artolite
22.	Lampu Jalan		MRL-9 HPLN 125 Watt	Buah	4.000.000	Artolite
23.	Lampu Jalan		MRL-9 HPST 150 Watt	Buah	4.100.000	Artolite
24.	Lampu Jalan		MRL-9 HQIE 150 Watt	Buah	4.300.000	Artolite
25.	Lampu Jalan		MRL-9 HPST 250 Watt	Buah	4.570.000	Artolite
26.	Lampu Jalan		MRL-9 HPLN 250 Watt	Buah	4.150.000	Artolite

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
27.	Lampu Jalan	MRL-9 HPIT 250 Watt	Buah	4.800.000	Artolite
28.	Lampu Jalan	AURORA HPS 70 Watt	Buah	4.680.000	Artolite
29.	Lampu Jalan	AURORA HPLN 80 Watt	Buah	4.450.000	Artolite
30.	Lampu Jalan	AURORA HPLN 125 Watt	Buah	5.150.000	Artolite
31.	Lampu Jalan	AURORA HPST 150 Watt	Buah	6.273.000	Artolite
32.	Lampu Jalan	AURORA HQIE 150 Watt	Buah	6.273.000	Artolite
33.	Lampu Jalan	AURORA HPST 250 Watt	Buah	8.190.000	Artolite
34.	Lampu Jalan	AURORA HPLN 250 Watt	Buah	7.722.000	Artolite
35.	Lampu Jalan	AURORA HPIT 250 Watt	Buah	8.190.000	Artolite
36.	Lampu Jalan	IRIS HPS 70 Watt	Buah	3.393.000	Artolite
37.	Lampu Jalan	IRIS HPLN 80 Watt	Buah	3.280.000	Artolite
38.	Lampu Jalan	F.2000,2015 HPS 70 Watt	Buah	4.446.000	Artolite
39.	Lampu Jalan	F.2000,2015 HPLN 80 Watt	Buah	4.100.000	Artolite
40.	Lampu Jalan	F.2000,2015 MII 100 Watt	Buah	3.870.000	Artolite
41.	Lampu Jalan	F.2000,2015 HPLN 125 Watt	Buah	4.329.000	Artolite
42.	Lampu Jalan	F.2000,2015 HPST 150 Watt	Buah	5.270.000	Artolite
43.	Lampu Jalan	F.2000,2015 HQIE 150 Watt	Buah	5.270.000	Artolite
44.	Lampu Jalan	F.2005,2018 HPS 70 Watt	Buah	5.400.000	Artolite
45.	Lampu Jalan	F.2005,2018 HPLN 80 Watt	Buah	5.265.000	Artolite
46.	Lampu Jalan	F.2005,2018 MII 100 Watt	Buah	4.914.000	Artolite
47.	Lampu Jalan	F.2005,2018 HPLN 125 Watt	Buah	5.382.000	Artolite
48.	Lampu Jalan	F.2005,2018 HPST 150 Watt	Buah	6.450.000	Artolite
49.	Lampu Jalan	F.2005,2018 HQIE 150 Watt	Buah	6.450.000	Artolite
50.	Lampu Jalan	F.2017,2016 HPS 70 Watt	Buah	5.148.000	Artolite
51.	Lampu Jalan	F.2017,2016 HPLN 80 Watt	Buah	4.797.000	Artolite
52.	Lampu Jalan	F.2017,2016 MII 100 Watt	Buah	4.914.000	Artolite
53.	Lampu Jalan	F.2017,2016 HPLN 1250 Watt	Buah	5.031.000	Artolite
54.	Lampu Jalan	F.2017,2016 HPST 150 Watt	Buah	5.967.000	Artolite
55.	Lampu Jalan	F.2017,2016 HQIE 150 Watt	Buah	5.967.000	Artolite
56.	Lampu Jalan	F.6000-XL HPS 70 Watt	Buah	4.095.000	Artolite
57.	Lampu Jalan	F.6000-XL HPLN 80 Watt	Buah	3.861.000	Artolite
58.	Lampu Jalan	F.6000-XL HPLN 125 Watt	Buah	3.980.000	Artolite
59.	Lampu Jalan	F.6000-XL HPST 150 Watt	Buah	4.914.000	Artolite
60.	Lampu Jalan	F.6000-XL HQIE 150 Watt	Buah	4.914.000	Artolite
61.	Lampu Jalan	F.6016-XL HPS 70 Watt	Buah	4.800.000	Artolite
62.	Lampu Jalan	F.6016-XL HPLN 80 Watt	Buah	4.563.000	Artolite
63.	Lampu Jalan	F.6016-XL HPLN 125 Watt	Buah	4.680.000	Artolite
64.	Lampu Jalan	F.6016-XL HPST 150 Watt	Buah	5.616.000	Artolite
65.	Lampu Jalan	F.6016-XL HQIE 150 Watt	Buah	5.616.000	Artolite
66.	Lampu Jalan	F.3080 HPS 70 Watt	Buah	3.627.000	Artolite
67.	Lampu Jalan	F.3080 HPLN 80 Watt	Buah	3.393.000	Artolite
68.	Lampu Jalan	F.3080 MII 100 Watt	Buah	3.393.000	Artolite
69.	Lampu Jalan	F.3080 HPLN 125 Watt	Buah	3.627.000	Artolite
70.	Lampu Jalan	F.3080 HQIE 150 Watt	Buah	3.627.000	Artolite

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
71.	Lampu Sorot	SFLA-SS/ Sorot Symmetrical (SS)/Asymmetrical	Buah	3.744.000	Artolite
		SA (SA) HPST 150 W			
72.	Lampu Sorot	SFLA-SS/SA HPST 250 Watt	Buah	4.329.000	Artolite
73.	Lampu Sorot	SFLA-SS/SA HPIT 250 Watt	Buah	4.329.000	Artolite
74.	Lampu Sorot	ARC HPS 70 Watt	Buah	6.435.000	Artolite
75.	Lampu Sorot	ARC HPLN 80 Watt	Buah	6.201.000	Artolite
76.	Lampu Sorot	ARC HPLN 125 Watt	Buah	5.921.000	Artolite
77.	Lampu Sorot	ARC HPST 150 Watt	Buah	7.254.000	Artolite
78.	Lampu Sorot	ARC HPST 250 Watt	Buah	9.254.000	Artolite
79.	Lampu Sorot	ARC HPIT 250 Watt	Buah	9.254.000	Artolite
80.	Lampu Sorot	SFLA-SLX Square Sym - Assy Exclusive (Apollo) HPST 150 W	Buah	5.531.000	Artolite
81.	Lampu Sorot	SFLA-SLX HPST 250 Watt	Buah	5.850.000	Artolite
82.	Lampu Sorot	SFLA-SLX HPIT 250 Watt	Buah	5.850.000	Artolite
83.	Lampu Sorot	GBO/GBT HPS 70 Watt	Buah	2.457.000	Artolite
84.	Lampu Sorot	GBO/GBT HPLN 80 Watt	Buah	2.223.000	Artolite
85.	Lampu Sorot	GBO/GBT HPLN 125 Watt	Buah	2.574.000	Artolite
86.	Lampu Sorot	GBO/GBT HPST 150 Watt	Buah	3.042.000	Artolite
87.	Lampu Sorot	SFLA SA/SS MHN-TD 70 Watt (Asymmetrical/Symetrical)	Buah	3.159.000	Artolite
88.	Lampu Sorot	SFLA SA/SS MHN-TD 150 Watt (Asymmetrical/Symetrical)	Buah	3.393.000	Artolite
89.	Kap Lampu	Natrium Sox 135 Watt	Buah	9.573.000	
90.	Kap Lampu	Natrium Sox 55 Watt	Buah	6.700.900	
91.	Kap Lampu	Natrium Sox 35 Watt	Buah	3.723.000	
92.	Kap Lampu	Mercury GS 250 w/HP 300	Buah	1.808.200	
93.	Kap Lampu	Halogen 1000 Watt	Buah	2.020.900	
94.	Kap Lampu	Halogen 500 Watt	Buah	1.010.500	
95.	Kap Lampu	HRC 511 Watt	Buah	5.318.200	Philips
96.	Kap Lampu	H/SRP 822 822 Watt	Buah	5.850.000	Philips
97.	Kap Lampu	Mercury 250 Watt	Buah	1.870.000	Philips
	X.4.5. Ballast		_		
	Ballast	150 Watt BSN	Buah	372.300	Philips
2.	Ballast	250 Watt BSN	Buah	670.000	Philips
	Ballast	HPIT 400 Watt	Buah	797.800	Philips
	Ballast	HPL 125 Watt BHL	Buah	373.000	Philips
	Ballast	Mercury 250 Watt BHL	Buah	438.000	Philips
	Ballast	Mercury Son 150 Watt	Buah	373.000	Philips
7.	Ballast	Natrium 250 Watt GS (BSN)	Buah	700.100	Philips
	Ballast	Natrium Sox 135 Watt	Buah	1.374.000	Philips
	Ballast	Natrium Sox 35 Watt	Buah	451.000	Philips
	Ballast	Natrium Sox 55 Watt	Buah	841.000	Philips
	Ballast	Son 100 Watt	Buah	428.000	Philips
	Ballast	Son 70 Watt	Buah	428.000	Philips
13.	Ballast	TL 10 Watt	Buah	79.700	Philips

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
14.	Ballast	TL 20 Watt	Buah	79.700	Philips
15.	Ballast	TL 40 Watt Komplit	Buah	398.800	Philips
16.	Ballast	TL 40 Watt	Buah	79.700	Philips
17.	Ballast	TL 15 Watt	Buah	79.700	Philips
	X.4.6. Zekring				
1.	Batu Zekring	6 A	Buah	13.300	RRT
2.	Batu Zekring	25 A	Buah	53.200	RRT
3.	Batu Zekring	63 A/32 A	Buah	85.100	RRT
4.	Elemen Zekring	6 A	Buah	26.500	
5.	Elemen Zekring	25 A	Buah	26.500	
6.	Elemen Zekring	63 A	Buah	79.700	
7.	Kop Zekring	6 A	Buah	26.500	RRT
8.	Kop Zekring	25 A	Buah	26.500	RRT
9.	Kop Zekring	63 A	Buah	79.700	
10.	Eye Daylight	63 A	Buah	203.800	
11.	Kas Zekring	8 - 12 group	Buah	842.000	Masko
12.	Kas Zekring	3 group	Buah	399.000	Masko
13.	Zekring Otomatis	16 A	Buah	132.900	Likon
14.	Zekring Otomatis	20 A	Buah	132.900	Likon
15.	Vulmasa	-	Kg	1.382.800	
16.	Tutup Box Zekring	cor	Buah	797.800	
	X.4.7. MCB				
1.	MCB	1 Phase 10 Amp	Buah	79.700	Merlin Gerlin
2.	MCB	1 Phase 16 Amp	Buah	79.700	Merlin Gerlin
3.	MCB	1 Phase 20 Amp	Buah	79.700	Merlin Gerlin
4.	MCB	1 Phase 25 Amp	Buah	79.700	Merlin Gerlin
5.	MCB	1 Phase 32 Amp	Buah	132.900	Merlin Gerlin
6.	MCB	1 Phase 50 Amp	Buah	132.900	Merlin Gerlin
7.	MCB	1 Phase 6 Amp	Buah	80.000	Merlin Gerlin
8.	MCB	1 Phase 63 Amp	Buah	458.000	Merlin Gerlin
9.	MCB	3 Phase 32 Amp	Buah	905.000	Merlin Gerlin
	MCB	3 Phase 50 Amp	Buah	957.300	Merlin Gerlin
	MCB	3 Phase 63 Amp	Buah	1.915.000	Merlin Gerlin
	MCB	1 Pole 6 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
	MCB	1 Pole 10 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
	MCB	1 Pole 16 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
	MCB	1 Pole 20 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
	MCB	1 Pole 25 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
	MCB	1 Pole 32 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
	MCB	1 Pole 40 Amp 4,5 Kilo Amp	Buah	64.000	Clipsal
		4 Module MCB Box 4 Module MCB			-
19.	MCB BOX	Box	Buah	487.400	Clipsal

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
20.	мсв вох	8 Module MCB Box 8 Module MCB Box	Buah	798.000	Clipsal
21.	MCB BOX	12 Module MCB Box 12 Module MCB Box	Buah	1.507.000	Clipsal
	X.4.8. Tiang Lampu				
1.	Tiang Lampu	Bulat 071,SR-7 Cabang 1 T. 7 m Lengkung	Buah	6.086.000	Artoria
2.	Tiang Lampu	Bulat 081,SR-8 Cabang 1 T. 8 m Lengkung	Buah	6.730.000	Artoria
3.	Tiang Lampu	Bulat 091,SR-9 Cabang 1 T. 9 m Lengkung	Buah	7.216.000	Artoria
4.	Tiang Lampu	Bulat 0101,SR-10 Cabang 1 T. 10 m Lengkung	Buah	10.510.000	Artoria
5.	Tiang Lampu	Bulat 0111, SR-11 Cabang 1 T. 11 m Lengkung	Buah	11.170.600	Artoria
6.	Tiang Lampu	Bulat 0121,SR-12 Cabang 1 T. 12 m Lengkung	Buah	12.600.000	Artoria
7.	Tiang Lampu	Bulat 0131,SR-13 Cabang 1 T. 13 m Lengkung	Buah	13.280.000	Artoria
8.	Tiang Lampu	Bulat 071T,ST-7 Cabang 1 T. 7 m l T	Buah	7.039.000	Artoria
9.	Tiang Lampu	Bulat 081T,ST-8 Cabang 1 T. 8 m l T	Buah	7.907.000	Artoria
10.	Tiang Lampu	Bulat 091T,ST-9 Cabang 1 T. 9 m l T	Buah	8.600.000	Artoria
11.	Tiang Lampu	Bulat 0101T,ST-10 Cabang 1 T. 10 m l	Buah	11.790.000	Artoria
12.	Tiang Lampu	Bulat 0111T,ST-11 Cabang 1 T. 11 m l	Buah	11.900.000	Artoria
13.	Tiang Lampu	Bulat 0121T,ST-12 Cabang 1 T. 12 m l	Buah	12.900.000	Artoria
14.	Tiang Lampu	Bulat 0131T,ST-13 Cabang 1 T. 13 m l T	Buah	14.030.000	Artoria
15.	Tiang Lampu	Bulat 072,DR-7 Cabang 2 T. 7 m T	Buah	7.400.000	Artoria
16.	Tiang Lampu	Bulat 082,DR-8 Cabang 2 T. 8 m T	Buah	7.995.000	Artoria
17.	Tiang Lampu	Bulat 092,DR-9 Cabang 2 T. 9 m T	Buah	8.450.000	Artoria
18.	Tiang Lampu	Bulat 0102,DR-10 Cabang 2 T. 10 m T	Buah	12.220.000	Artoria
19.	Tiang Lampu	Bulat 0112,DR-11 Cabang 2 T. 11 m T	Buah	12.880.000	Artoria
20.	Tiang Lampu	Bulat 0122,DR-12 Cabang 2 T. 12 m T	Buah	14.287.000	Artoria
21.	Tiang Lampu	Bulat 0132,DR-13 Cabang 2 T. 13 m T	Buah	14.872.000	Artoria
22.	Tiang Lampu	Bulat 072T,DT-7 Cabang 2 T. 7 m T	Buah	7.819.000	Artoria
23.	Tiang Lampu	Bulat 082T,DT-8 Cabang 2 T. 8 m T	Buah	8.688.000	Artoria
24.	Tiang Lampu	Bulat 092T,DT-9 Cabang 2 T. 9 m T	Buah	9.335.500	Artoria
25.	Tiang Lampu	Bulat 0102T,DT-10 Cabang 2 T. 10 m T	Buah	12.772.300	Artoria
26.	Tiang Lampu	Bulat 0112T,DT-11 Cabang 2 T. 11 m T	Buah	12.875.800	Artoria
27.	Tiang Lampu	Bulat 0122T,DT-12 Cabang 2 T. 12 m T	Buah	13.796.000	Artoria
28.	Tiang Lampu	Bulat 0132T,DT-13 Cabang 2 T. 13 m T	Buah	15.009.000	Artoria

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
29.	Tiang Lampu	Octagonal 861,SR-O-6 Cabang 1 T. 6 m	Buah	6.222.300	Artoria
30.	Tiang Lampu	Octagonal 871,SR-O-7 Cabang 1 T. 7 m	Buah	7.180.000	Artoria
31.	Tiang Lampu	Octagonal 881,SR-O-8 Cabang 1 T. 8 m	Buah	8.137.000	Artoria
32.	Tiang Lampu	Octagonal 88.51,SR-O-8,5 Cabang 1 T. 8,5 m	Buah	9.095.000	Artoria
33.	Tiang Lampu	Octagonal 891,SR-O-9 Cabang 1 T. 9 m	Buah	9.413.200	Artoria
34.	Tiang Lampu	Octagonal 8101,SR-O-10 Cabang 1 T. 10 m	Buah	11.646.800	Artoria
35.	Tiang Lampu	Octagonal 8111,SR-O-11 Cabang 1 T. 11 m	Buah	11.742.500	Artoria
36.	Tiang Lampu	Octagonal 8121,SR-O-12 Cabang 1 T. 12 m	Buah	14.000.000	Artoria
37.	Tiang Lampu	Octagonal 8131,SR-O-13 Cabang 1 T. 13 m	Buah	15.237.000	Artoria
38.	Tiang Lampu	Octagonal 862,DR-O-6 Cabang 2 T. 6 m	Buah	7.977.300	Artoria
39.	Tiang Lampu	Octagonal 872,DR-O-7 Cabang 2 T. 7 m	Buah	8.775.000	Artoria
40.	Tiang Lampu	Octagonal 882,DR-O-8 Cabang 2 T. 8 m	Buah	9.733.000	Artoria
41.	Tiang Lampu	Octagonal 88.52,DR-O-8,5 Cabang 2 T. 8,5 m	Buah	10.689.500	Artoria
42.	Tiang Lampu	Octagonal 892,DR-O-9 Cabang 2 T. 9 m	Buah	11.008.600	Artoria
43.	Tiang Lampu	Octagonal 8102,DR-O-10 Cabang 2 T. 10 m	Buah	13.243.000	Artoria
44.	Tiang Lampu	Octagonal 8112,DR-O-11 Cabang 2 T. 11 m	Buah	13.561.300	Artoria
45.	Tiang Lampu	Octagonal 8122,DR-O-12 Cabang 2 T. 12 m	Buah	16.114.000	Artoria
46.	Tiang Lampu	Octagonal 8132,DR-O-13 Cabang 2 T. 13 m	Buah	1.779.000	Artoria
47.	Tiang Lampu	Octagonal 82.51,SR-O-2,5 Cabang 1 T. 2,5 m	Buah	3.217.000	Artoria
48.	Tiang Lampu	Octagonal 841,SR-O-4 Cabang 1 T. 4 m Octagonal 851,SR-O-5 Cabang 1 T. 5	Buah	3.522.600	Artoria
49.	Tiang Lampu	m Octagonal 8113T,PT-O-11 Cabang 3 T	Buah	4.441.600	Artoria
50.	Tiang Lampu	11 m Octagonal 8114T,PT-O-11 Cabang 4 T	Buah	18.348.000	Artoria
51.	Tiang Lampu	11 m Octagonal 8111T,PT-O-11 Cabang 1 T	Buah	19.950.000	Artoria
52.	Tiang Lampu	4 m Octagonal 8112T4,PT-O-11 Cabang 2	Buah	13.401.800	Artoria
53.	Tiang Lampu	T 11 m Octagonal 892T,PT-O-9 Cabang 2 T 9	Buah	15.795.000	Artoria
54.	Tiang Lampu	m Octagonal 8102T,PT-O-10 Cabang 2 T	Buah	9.540.700	Artoria
55.	Tiang Lampu	10 m Octagonal 8112T,PT-O-11 Cabang 2 T	Buah	11.008.600	Artoria
56.	Tiang Lampu	11 m	Buah	11.647.000	Artoria

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
57.	Tiang Lampu	Octagonal 8122T,PT-O-12 Cabang 2 T 12 m	Buah	13.944.100	Artoria
58.	Anchor			275.600	Artoria
59.	Anchor			597.400	Artoria
60.	Bracket	Cabang 2		597.400	Artoria
61.	Tiang Lampu		Batang	5.640.000	
62.	Tiang Lampu		Batang	3.723.000	
63.	Tiang Lampu		Batang	4.150.000	
64.	Tiang Lampu		Batang	6.594.600	
65.	Tiang Lampu		Batang	4.467.300	
66.	Tiang Lampu		Batang	6.913.600	
67.	Tiang Lampu		Batang	4.786.400	
68.	Tiang Lampu		Batang	7.232.700	
69.	Tiang Lampu		Batang	5.211.800	
	Tiang Trafo		Batang	7.000.000	
	Trafo		Buah	95.726.800	
72.	Trech Schoer		Buah	2.020.900	
	W				
	X.4.9. Kabel Listrik	ANYA 4 F	D. II	0// 000	
	Kabel	NYA 1,5 mm	Roll	266.000	Eterna
	Kabel	NYA 2,5 mm	Roll	434.200	Eterna
	Kabel	NYA 4 mm	Roll	714.300	Eterna
4.	Kabel	NYFGBY 4 x 10 mm	Roll	168.300	Eterna
	Kabel	NYFGBY 4 x 16 mm	Roll	239.200	Eterna
	Kabel	NYFGBY 4 x 25 mm	Roll Roll	398.800	Eterna
	Kabel Kabel	NYFGBY 4 4 x 6 mm	Roll	116.000	Eterna
	Kabel	NYM 2 x 2,5 mm NYM 3 x 2,5 mm	Roll	2.215.900 3.102.300	Eterna Eterna
	Kabel	NYM 3 x 4 mm	Roll	6.204.600	Eterna
	Kabel	NYM 4 x 4 mm	Roll	7.800.000	Eterna
	Kabel	NYMHY 2 x 0,75 mm	Roll	1.507.000	Eterna
	Kabel	NYMHY 3 x 2,5 mm	Roll	3.988.700	Eterna
	Kabel	NYY 1 x 20 mm	Roll	115.100	Eterna
	Kabel	NYY 1 x 50 mm	Roll	150.600	Eterna
	Kabel	NYY 3 x 4 mm	Roll	31.000	Eterna
	Kabel	NYY 4 x 10 mm	M'	132.900	
	Kabel	NYY 4 x 16 mm	M'	212.800	
	Kabel	NYY 4 x 6 mm	M'	797.800	
	Kabel	Schoon 120 mm	M'	103.600	
	Kabel	Schoon 150 mm	M'	149.700	
	Kabel	Schoon 50 mm	M'	57.500	
23.	Kabel	Schoon 70 mm	M'	63.400	
24.	Kabel	TC 3 X 70 + 1 X 50 mm	M'	124.400	
25.	Kabel	Twisted 2 x 10 mm	M'	24.100	
26.	Rel Dudukan MCB	2 x 10 mm	Bh	95.800	
27.	Rel Tembaga Sisir	-	Batang	122.200	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.4.10. Connector (Penyambun	n Listrik)			
1.	Magnet Conector	SR 50	Buah	1.728.300	
2.	Tap Conector	70 mm	Buah	42.600	
	Tup concetes	70 11111	Budii	12.000	
	X.4.11. Lampu Lengkap				
1.	SON 70 W		Set	415.700	
		Ballast BSN 70 W	Buah	201.000	
		Bohlam	Buah	179.800	
		Capasitor 10 M	Buah	35.000	
2.	MHN-TD 70 W		Set	626.400	
		Ballast BSN 70 W	Buah	152.000	
		Bohlam	Buah	335.000	
		Capasitor 10 M	Buah	35.000	
		Ignitor SN 57	Buah	168.300	
3.	SON 150 W	J	Set	767.100	
		Ballast BSN 150 W	Buah	314.800	
		Bohlam	Buah	258.400	
		Capasitor 20 M	Buah	82.000	
		Ignitor SN 38	Buah	168.300	
4.	MHN-TD 70 W	3	Set	626.400	
		Ballast BSN 70 W	Buah	152.000	
		Bohlam	Buah	334.900	
		Capasitor 10 M	Buah	35.000	
		Ignitor SN 57	Buah	168.300	
5.	SON 150 W	igintor Giv Gr	Set	767.100	
	0011 100 11	Ballast BSN 150 W	Buah	314.800	
		Bohlam	Buah	258.400	
		Capasitor 20 M	Buah	82.000	
		Ignitor SN 38	Buah	168.300	
6.	MHN-TD 150 W	ignition en ee	Set	797.900	
		Ballast BSN 150 W	Buah	274.400	
		Bohlam	Buah	334.900	
		Capasitor 20 M	Buah	82.000	
		Ignitor SN 58	Buah	168.300	
7.	SON 250 W		Set	854.000	
		Ballast BSN 250 W	Buah	372.300	
		Bohlam	Buah	271.100	
		Capasitor 20 M + 10 M	Buah	98.800	
		Ignitor SN 58	Buah	168.300	
8.	CDMT 70 W		Set	923.700	
		Ballast BMH 70 W	Buah	251.800	
		Bohlam CDMT 70 W/830	Buah	489.200	
		Capasitor 12 M	Buah	31.800	
		Ignitor SN 58 T 15	Buah	168.300	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
9.	SON 400 W		Set	1.210.400	
		Ballast BSN 400 W	Buah	669.100	
		Bohlam	Buah	289.200	
		Capasitor 45 M	Buah	140.300	
		Ignitor SN 58	Buah	168.300	
10.	CDMT 70 W		Set	931.100	
		Ballast BMH 70 W	Buah	251.800	
		Bohlam CDMT 70 W/942	Buah	496.500	
		Capasitor 12 M	Buah	31.800	
		Ignitor SN 58 T 15	Buah	168.300	
11.	HPI-BU 250 W		Set	895.400	
		Ballast BHL 250 W	Buah	258.400	
		Bohlam	Buah	471.100	
		Capasitor	Buah	66.800	
		Ignitor Si51	Buah	169.000	
12.	HPIT 1000 W		Set	4.718.200	
		Ballast BHL 1000 W	Buah	2.583.600	
		Bohlam	Buah	1.824.000	
		Capasitor (20 M x 3)	Buah	201.000	
		Ignitor 60 M (20 M x 3)	Buah	168.300	
13.	HPI-BU 400 W	J	Set	982.800	
		Ballast BHL 400 W	Buah	797.800	
		Bohlam	Buah	620.500	
		Capasitor	Buah	168.300	
		Ignitor Si51	Buah	168.300	
14.	SON- T 1000 W	J	Set	4.475.800	
		Ballast BSN 1000 W	Buah	2.583.600	
		Bohlam	Buah	1.170.000	
		Capasitor SN 36	Buah	417.900	
		Ignitor 60 M (25 M x 5)	Buah	304.100	
15.	HPIT 250 W	· · · · · · · · · · · · · · · · · · ·	Set	927.400	
		Ballast BHL 250 W	Buah	296.800	
		Bohlam	Buah	449.800	
		Capasitor 20 M	Buah	81.900	
		Ignitor Si51	Buah	168.300	
16.	SON- T 250 W	.g	Set	930.600	
		Ballast BSN 250 W	Buah	410.500	
		Bohlam	Buah	274.400	
		Capasitor 40 M (20 x 2)	Buah	133.900	
		Ignitor SN58	Buah	168.300	
17.	HPIT 400 W	Igrinior Ortoo	Set	1.031.700	
	III I TOO VV	Ballast BHL 400 W	Buah	368.000	
		Bohlam	Buah	468.000	
		Capasitor 25 M	Buah	84.100	
		Ignitor SN58	Buah	168.300	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
18.	SON- T 400 W		Set	1.210.400	
		Ballast BSN 400 W	Buah	670.000	
		Bohlam	Buah	289.200	
		Capasitor 45 M	Buah	140.300	
		Ignitor SN45M	Buah	168.300	
	X.4.12. Box Metal				
1.	Box Penggerak	Komplit	Set	6.913.600	
2.	Box Penggerak	Kosong	Set	4.786.400	
3.	Bordes Trafo	9	Set	5.850.000	
4.	Box Ballast		Buah	585.000	
5.	Box Panel	Kosong	Buah	4.786.400	
6.	Box Penggerak	Komplit	Set	6.913.600	
7.	Box Penggerak	Kosong	Set	4.786.400	
8.	Box Zekring Cor Besar		Buah	585.000	
9.	Fuse box	Komplit Cor (Box Zekring Cor)	Set	691.400	
10.	Fuse	HRC 250 w	Buah	425.500	
11.	Fush Button Switch	Fush Button Switch 32 A	Buah	159.600	
12.	Handel	01 63 A Germany	Buah	6.204.600	
	Fuse	HRC 315 A - 400 A	Buah	487.400	
	X.4.13. Fitting Lampu				
1.	Fitting	Gantung E 27 Porselin	Buah	95.800	
2.	Fitting	WD	Buah	95.800	
3.	Fitting	E 40	Buah	159.600	
4.	Fitting	TL Per	Buah	31.900	
	X.4.14. Saklar & Stop Kontak				
1.	Flush Switch	250V 10 A 1 Gang 1 Way Switch	Buah	40.600	Clipsal
2.	Flush Switch	250V 10 A 1 Gang 1 Way Switch	Buah	44.200	Clipsal
					-
3.	Flush Switch Flush Switch	250V 10 A 2 Gang 1 Way Switch 250V 10 A 2 Gang 2 Way Switch	Buah Buah	44.200 49.100	Clipsal
4. 5.	Flush Switch	250V 10 A 2 Gang 2 Way Switch	Buah	53.600	Clipsal Clipsal
5. 6.	Flush Switch	250V 10 A 3 Gang 1 Way Switch	Buah	70.200	•
7.	Flush Switch	250V 10 A 3 Gang 2 Way Switch	Buah	221.500	Clipsal
					Clipsal
8.	Flush Switch	250V 10 A 4 Gang 2 Way Switch	Buah	266.000	Clipsal
9.	Flush Switch	250V 10 A 5 Gang 1 Way Switch	Buah	381.100	Clipsal
10.	Flush Switch	250V 10 A 5 Gang 2 Way Switch	Buah	443.200	Clipsal
11.	Flush Switch	250V 10 A 6 Gang 1 Way Switch	Buah	620.500	Clipsal
12.	Flush Switch	250V 10 A 6 Gang 2 Way Switch	Buah	620.500	Clipsal
	Flush Switch	250V 10 A 6 Gang 1 Way Switch	Buah	750.200	Clipsal
	Flush Switch	250V 10 A 7 Gang 1 Way Switch	Buah	814.500	Clipsal
15.	Flush Switch	250V 10 A 8 Gang 1 Way Switch	Buah	920.600	Clipsal
	Flush Switch	250V 10 A 9 Gang 1 Way Switch	Buah	1.021.000	Clipsal
17.	Flush Switch	250V 10 A 1 Gang Blank Plate	Buah	46.600	Clipsal

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
18.	Flush Switch	250V 10 A 2 Gang Blank Plate	Buah	92.000	Clipsal
19.	Claw Fixing Switches	250V 10 A 1 Gang 1 Way Switch	Buah	22.100	Clipsal
20.	Claw Fixing Switches	250V 10 A 1 Gang 2 Way Switch	Buah	44.200	Clipsal
21.	Claw Fixing Switches	250V 10 A 2 Gang 1 Way Switch	Buah	44.200	Clipsal
22.	Claw Fixing Switches	250V 10 A 2 Gang 2 Way Switch	Buah	49.100	Clipsal
23.	Claw Fixing Switches	250V 10 A 3 Gang 1 Way Switch	Buah	53.600	Clipsal
24.	Claw Fixing Switches	250V 10 A 3 Gang 2 Way Switch	Buah	70.200	Clipsal
25.	Claw Fixing Sockets	250 V 10/16A 1 Gang (2P + E) Shuko Socket Outlet	Buah	79.700	Clipsal
26.	Socket Outlets	250 V 10/16A (2P + E) Shuko Socket Outlet Shutter (CP)	Buah	132.900	Clipsal
27.	Socket Outlets	250 V 13A 3 Pins B.S Unswitched Socket Outlet	Buah	150.600	Clipsal
28.	Socket Outlets	250 V 13A 1 Gang 3 Pins B.S Switched Souket Outlet	Buah	168.300	Clipsal
29.	Socket Outlets	250 V 13A 1 Gang 3 Pins B.S Switched Socket Outlet With Neon	Buah	168.300	Clipsal
30.	Socket Outlets	250 V 15A 3 Round Pins Unswithed Souket Outlet	Buah	168.300	Clipsal
31.	Socket Outlets	250 V 15A 3 Round Pins Switched Souket Outlet	Buah	310.100	Clipsal
32.	Socket Outlets	250 V 15A 3 Round Pins Switched Souket Outlet With Neon	Buah	398.800	Clipsal
33.	Socket Outlets	250 V 13A 2 Gang 3 Pins B.S Unswitched Soket Outlet	Buah	310.100	Clipsal
34.	Socket Outlets	250 V 13A 2 Gang 3 Pins B.S Switched Souket Outlet	Buah	221.500	Clipsal
35.	Socket Outlets	250 V 13A 2 Gang 3 Pins B.S Switched Souket Outlet With Neon	Buah	280.100	Clipsal
36.	Telephone,TV & Data Outlets	1 Gang Telp Outlet 4 Wire FCC Standard	Buah	66.800	Clipsal
37.	Telephone,TV & Data Outlets	2 Gang Telp Outlet 4 Wire FCC Standard	Buah	145.100	Clipsal
38.	Telephone,TV & Data Outlets	1 Gang TV Outlet 75 Ohm	Buah	73.500	Clipsal
39.	Telephone,TV & Data Outlets	2 Gang TV Outlet 75 Ohm	Buah	151.200	Clipsal
40.	Telephone,TV & Data Outlets	2 Gang TV/FM Splitter	Buah	296.000	Clipsal
41.	Telephone,TV & Data Outlets	1 Gang Telp Cord Grip	Buah	109.000	Clipsal
42.	Telephone,TV & Data Outlets	1 Gang Telp Cord Grip	Buah	172.700	Clipsal
43.	Telephone,TV & Data Outlets	1 Gang data Cat5e Shuttered	Buah	311.800	Clipsal
44.	Telephone,TV & Data Outlets	1 Gang Cat5e Non-Shuttered Keystone	Buah	133.000	Clipsal
45.	Miscellaneous	250 V 10A Push Button With Bell Symbol	Buah	5.800	Clipsal
46.	Miscellaneous	10A 1 Gang Marked " PRESS "	Buah	170.500	Clipsal
47.	Miscellaneous	250V 500VA MAX Dimmer Switch For Incandescent Lamp	Buah	254.500	Clipsal
48.	Miscellaneous	500W Max 2 Gang Dimmer Switch for Incandescent Lamp	Buah	484.000	Clipsal
49.	Miscellaneous	250V 400VA MAX Dimmer Switch For Low Voltage or Halogen Load	Buah	254.500	Clipsal
50.	Miscellaneous	250V 20A D.P. Flush Switch With Neon	Buah	169.700	Clipsal

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
51.	Miscellaneous	250V 13A 3 Pins B.S Plug Top With Fused	Buah	38.100	Clipsal
52.	Miscellaneous	250V 15A 3 Round pins Plug	Buah	71.900	Clipsal
53.	Miscellaneous	250V 10A 3 Pins Flexible External Cord Grip Plug Top (Grey)	Buah	71.700	Clipsal
54.	Miscellaneous	250V 10A Flexible Cord Extension Socket (Grey)	Buah	94.600	Clipsal
55.	Flush & Surface Box	1 Gang (75 x 75 x 35) mm Inbow metal Box	Buah	7.800	Clipsal
56.	Flush & Surface Box	2 Gang (132 x 75 x 35) mm Inbov metal Box	Buah	65.800	Clipsal
57.	Flush & Surface Box	2 Gang (97 x 97 x 39) mm Inbov metal Box	Buah	65.900	Clipsal
58.	Flush & Surface Box	1 Gang Surface Mounting plastik Box	Buah	19.100	Clipsal
59.	Flush & Surface Box	2 Gang Surface Mounting plastik Box	Buah	49.000	Clipsal
60.	Flush & Surface Box	2 Single Gang Surface Mounting plastik Box	Buah	77.300	Clipsal
61.	Flush & Surface Box	1 Gang Combination for BS & Claw Fixing plastik Box	Buah	5.800	Clipsal
62.	Architrave Switch	1 Gang 10A - 1 Way Switch	Buah	71.200	Clipsal
63.	Architrave Switch	2 Gang 10A - 1 Way Switch	Buah	104.400	Clipsal
64.	Architrave Switch	3 Gang 10A - 1 Way Switch	Buah	221.000	Clipsal
65.	Architrave Switch	4 Gang 10A - 1 Way Switch	Buah	442.600	Clipsal
66.	Architrave Switch	1 Gang Mounting Blocks Architrave	Buah	60.200	Clipsal
67.	Architrave Switch	1 Gang Architrave Flush Metal Box	Buah	30.400	Clipsal
68.	Architrave Switch	2 Gang Mounting Blocks Architrave	Buah	112.100	Clipsal
69.	Architrave Switch	3 Gang Mounting Blocks Architrave	Buah	152.000	Clipsal
70.	Hotel Acces.	20A DP Energy Saving Switch W/Neon	Buah	468.300	Clipsal
71.	Hotel Acces.	Key Tag for E31KT	Buah	98.400	Clipsal
72.	Hotel Acces.	115/240V Shaver Unit 20vA Thermal Cut-out Incorporeted	Buah	982.800	Clipsal
73.	Saklar	Double Tembok	Buah	53.200	Broco
74.	Saklar	Engkel	Buah	53.200	Broco
75.	Saklar	Engkel/Double	Buah	74.400	Clipsal
76.	Saklar	Engkel Tembok/On-Off 3 Phase	Buah	266.000	
77.	Steker	AC	Buah	95.800	
78.	Steker	Arde	Buah	31.900	
79.	Steker	2 Phase	Buah	53.200	
80.	Stop Kontak	AC	Buah	159.600	
81.	Stop Kontak	Cabang 4	Buah	266.000	
82.	Stop Kontak		Buah	53.200	Clipsal
83.	Stop Kontak		Buah	106.400	MK
	Stop Kontak	Tembok	Buah	53.200	Broco
85.	Stop Kontak	Tembok	Buah	53.200	Clipsal

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.4.15. Klem				
1.	White Klem		Buah	76.700	
	Service				
2.	Besi Siku	Ukuran 5 x 5 x 600 cm	Buah	744.600	
3.	Beugel	1 1/2 x 18 x 18 cm	Buah	140.800	
4.	Beugel	10"	Buah	77.400	
5.	Cut Out		Buah	3.691.700	
6.	Drat Sekrup	3/8 x 1 1/2	Buah	7.500	
7.	Dos MK Timbul		Buah	23.300	
8.	Dos Saklar		Buah	15.800	
9.	Elboch PVC	1 1/2"	Buah	71.900	
10.	Elboch PVC	5/8"	Buah	1.300	
11.	Fisher S - 10		Buah	3.100	
12.	Fixed Dead		Buah	140.800	
13.	Invoring	2" (Lboch 2" PVC)	Buah	90.400	
14.	Isolasi Schot	23	Buah	262.600	
15.	Isolasi Unibal		Buah	46.800	
16.	Isolasi Unibal	Besar	Buah	77.400	
17.	Klem Besi Beton	8 mm	Buah	77.400	
18.	Klem Beugel	4", 5", 6"	Buah	77.400	
19.	Klem Kabel	Nomor 10,14,12	Buah	77.400	
20.	Klem Ornamen Tiang Besi	3" - 5"	Buah	77.400	
21.	Klem Ornamen Tiang Besi	8" - 10"	Buah	140.800	
22.	Klem Stainless		Buah	16.500	
23.	Knie PVC	1 1/2" AW	Buah	140.800	
24.	Knie PVC	1" AW	Buah	46.800	
25.	Knie PVC	2" AW	Buah	159.600	
26.	Knie PVC	3/4" AW	Buah	38.700	
27.	Kruesdos	Ccabang 4	Buah	140.800	
28.	Large Angle		Buah	461.100	
29.	L boch	2" Galvanis	Buah	308.500	
30.	Mur Baut		Buah	4.700	
31.	Mur Baut	1/2 x 2"	Buah	4.700	
32.	Paku Skrup	1" x 3/4"	Buah	4.700	
33.	Paku Skrup	5/8"	Kotak	95.800	
34.	Panel LV Board	4 jurusan 63 A	Buah	13.844.200	
35.	Sadel Klem	5/8"	Buah	1.300	
36.	Service Wedge Clamp		Buah	53.200	
	X.4.16. Pull Break				
1.	Handel	01 63 A	Buah	2.660.000	
2.	Ohm Saklar Germany	25 A	Buah	1.394.300	
3.	Pole Breaker	3 "	Buah	79.700	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.4.17. Arde				
1.	Arde	2,75 mm Untuk Trafo	Buah	1.808.200	
2.	Arde	5,5 mm	Buah	3.200.000	
3.	Arde instalasi		Buah	372.300	
4.	Arester		Buah	3.722.800	
	X.4.18. Upvc Conduits & Fittings				
1.	Rigid uPVC	Conduit High Impact BSEN 50086 20 mm uPVC Conduit	Buah	16.400	Clipsal
2.	Rigid uPVC	Conduit High Impact BSEN 50086 25 mm uPVC Conduit	Buah	36.900	Clipsal
3.	Rigid uPVC	Conduit High Impact BSEN 50086 32 mm uPVC Conduit	Buah	80.800	Clipsal
4.	Rigid uPVC	Conduit High Impact BSEN 50086 20 mm Bending Spring	Buah	163.800	Clipsal
5.	Rigid uPVC	Conduit High Impact BSEN 50086 25 mm Bending Spring	Buah	205.100	Clipsal
6.	Rigid uPVC	Conduit High Impact BSEN 50086 32 mm Bending Spring	Buah	294.000	Clipsal
7.	Medium Gauge	Corrugated Conduit BSEN 50086 20 mm Corrugated Conduit	Buah	12.500	Clipsal
8.	Medium Gauge	Corrugated Conduit BSEN 50086 25 mm Corrugated Conduit	Buah	21.600	Clipsal
9.	Medium Gauge	Corrugated Conduit BSEN 50086 32 mm Corrugated Conduit	Buah	58.600	Clipsal
10.	20 mm & 25 mm	Junction Boxes 20 mm One Way Round Junction Box c/w Lid + Bolt	Buah	9.600	Clipsal
11.	20 mm & 25 mm	Junction Boxes 25 mm One Way Round Junction Box c/w Lid + Bolt	Buah	18.500	Clipsal
12.	20 mm & 25 mm	Junction Boxes 20 mm 2 Ways Through Round Junction Box c/w Lid + Bolt	Buah	9.600	Clipsal
13.	20 mm & 25 mm	Junction Boxes 25 mm 2 Ways Through Round Junction Box c/w Lid + Bolt	Buah	18.500	Clipsal
14.	20 mm & 25 mm	Junction Boxes 20 mm One Ways Through Round Junction Box c/w Lid + Bolt	Buah	9.600	Clipsal
15.	20 mm & 25 mm	Junction Boxes 25 mm 2 Ways Angle Round Junction Box c/w Lid + Bolt	Buah	18.500	Clipsal
16.	20 mm & 25 mm	Junction Boxes 20 mm 3 Ways Round Junction Box c/w Lid + Bolt	Buah	9.600	Clipsal
17.	20 mm & 25 mm	Junction Boxes 25 mm 3 Ways Round Junction Box c/w Lid + Bolt	Buah	18.500	Clipsal
18.	32 mm Junction	Boxes Square Junction Box 32 mm with 1 Way Entry c/w Lid + Bolt	Buah	190.400	Clipsal
19.	32 mm Junction	Boxes Square Junction Box 32 mm 2 Ways Trough Entries c/w Lid + Bolt	Buah	207.500	Clipsal
20.	32 mm Junction	Boxes Square Junction Box 32 mm 2 Ways Angle Entries c/w Lid + Bolt	Buah	207.500	Clipsal
21.	32 mm Junction	Boxes Square Junction Box 32 mm 2 Ways Trough Entries c/w Lid + Bolt	Buah	207.500	Clipsal

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
22.	32 mm Junction	Boxes Square Junction Box 32 mm 3 Ways Angle Entries c/w Lid + Bolt	Buah	271.700	Clipsal
23.	32 mm Junction	Boxes Square Junction Box 32 mm 4 Ways Angle Entries c/w Lid + Bolt	Buah	271.700	Clipsal
	X.4.19. Kapasitor				
1.	Kondensator/ Kapasitor	Sox 135 w	Buah	287.200	
2.	Kondensator/ Kapasitor	Sox 55 w	Buah	287.200	

X.5. UPAH KERJA PEMASANGAN LISTRIK

	X.5. UPAH KERJA PEMASANGAN LISTRIK					
NO.	URAIAN	UPAH KERJA (RP)	SATUAN	KETERANGAN		
1	Pasang Ballast - Natrium Sox 135 Watt	165.000	Unit			
2	Pasang Ballast - Natrium Sox 55 Watt	45.600	Unit			
3	Pasang Ballast - Natrium Sox 35 Watt	45.600	Unit			
4	Pasang Ballast - Mercury 250 Watt (BHL)	45.600	Unit			
5	Pasang Ballast - Son 100 Watt	45.600	Unit			
6	Pasang Ballast - HPL 125 Watt (BHL)	54.700	Unit			
7	Pasang Ballast - Son 70 Watt	45.600	Unit			
8	Pasang Ballast - TL 40 Watt (Komplit)	54.700	Unit			
9	Pasang Ballast - TL 20 Watt	54.700	Unit			
10	Pasang Ballast - TL 10 Watt	54.700	Unit			
11	Pasang Ballast - BSN 150 Watt	54.700	Unit			
12	Pasang Ballast - BSN 250 Watt	54.700	Unit			
13	Pasang Ballast - HPIT 400 Watt	547.000	Unit			
14	Pasang Ballast - Mercury Son 150 Watt	45.600	Unit			
15	Pasang Ballast - Natrium 250 Watt GS (BSN)	45.600	Unit			
16	Pasang Batu - Zekring 25 Amp	11.000	Unit			
17	Pasang Batu - Zekring 6 Amp	11.000	Unit			
18	Pasang Batu - Zekring 63 Amp/32 Amp/16 Amp	11.000	Unit			
19	Pasang Beugel dia. 10"	23.700	Unit			
20	Pasang Bola Lampu Halogen - 1000 Watt	54.700	Unit			
21	Pasang Bola Lampu Halogen - 500 Watt	54.700	Unit			
22	Pasang Bola Lampu HPI-T - 400 Watt	54.700	Unit			
23	Pasang Bola Lampu HPL - 125 Watt Mercury	54.700	Unit			
24	Pasang Bola Lampu Mercury - 250 Watt	54.700	Unit			
25	Pasang Bola Lampu Natrium Sox - 135 Watt	54.700	Unit			
26	Pasang Bola Lampu Natrium Sox - 55 Watt	54.700	Unit			
27	Pasang Bola Lampu Natrium Sox - 35 Watt	54.700	Unit			
28	Pasang Bola Lampu Pijar - 100 Watt	45.600	Unit			
29	Pasang Bola Lampu Pijar - 40 Watt	45.600	Unit			
30	Pasang Bola Lampu Pijar - 5 Watt	12.700	Unit			
31	Pasang Bola Lampu Son/Natrium - 150 Watt	54.800	Unit			
32	Pasang Bola Lampu Son - 250 Watt	54.800	Unit			

	UPAH				
NO.	URAIAN	KERJA (RP)	SATUAN	KETERANGAN	
33	Pasang Bola Lampu Son - 70 Watt	54.800	Unit		
34	Pasang Bola Lampu Sorot - 300 Watt	54.800	Unit		
35	Pasang Bola Lampu Sorot - 500 Watt	54.800	Unit		
36	Pasang Bola Lampu Sorot Halogen - 500 Watt Komplit	54.800	Unit		
37	Pasang Bola Lampu TL - 10 Watt	27.400	Unit		
38	Pasang Bola Lampu TL - 20 Watt (Bulat)	27.400	Unit		
39	Pasang Bola Lampu TL - 20 Watt (Panjang)	27.400	Unit		
40	Pasang Bola Lampu TL - 40 Watt (Bulat)	27.400	Unit		
41	Pasang Bola Lampu TL - 40 Watt (Panjang)	27.400	Unit		
42	Pasang Bola Lampu SL - 15 Watt	45.700	Unit		
43	Pasang Bola Lampu SL - 20 Watt	45.700	Unit		
44	Pasang Bola Lampu Son - 100 Watt	54.800	Unit		
45	Pasang Bola Lampu Son - 125 Watt	54.800	Unit		
46	Pasang Bola Lampu Sorot - 200 Watt	54.800	Unit		
47	Pasang Box Ballast	329.000	Unit		
48	Pasang Box Panel	548.000	Unit		
49	Pasang Dan Bongkar Box Penggerak Komplit	548.000	Unit		
50	Pasang Eye Daylight	34.000	Unit		
51	Pasang Fitting E - 40	46.000	Unit		
52	Pasang Fitting Gantung E - 27 (Plafond)	37.000	Unit		
53	Pasang Fitting TL Per	37.000	Unit		
54	Pasang Fuse Box Komplit Cor (Box Zekring Cor)	365.000	Unit		
55	Pasang Fush Button Switch 32 A	365.000	Unit		
56	Pasang Handel 01 63A Germany	548.000	Unit		
57	Pasang Ignector SN 35	46.000	Unit		
58	Pasang Ignector SN 55/58	46.000	Unit		
59	Pasang Invoring 2" (L boch 2" PVC)	54.800	Unit		
60	Pasang Kabel NYA 2,5 mm	11.000	M'		
61	Pasang Kabel NYA 4 mm	11.000	M'		
62	Pasang Kabel NYFGBY - 4 x 10 mm	37.000	M'		
63	Pasang Kabel NYFGBY - 4 x 16 mm	37.000	M'		
64	Pasang Kabel NYFGBY - 4 x 25 mm	37.000	M'		
65	Pasang Kabel NYFGBY - 4 x 6 mm	37.000	M'		
66	Pasang Kabel NYM - 3 x 2,5 mm	11.000	M'		
67	Pasang Kabel NYM - 3 x 4 mm	11.000	M'		
68	Pasang Kabel NYMHY - 2 x 0,75 mm mm	11.000	M'		
69	Pasang Kabel NYMHY - 3 x 2,5 mm	11.000	M'		
70	Pasang Kabel NYY - 3 x 4 mm mm	11.000	M'		
71	Pasang Kabel NYY - 4 x 10 mm	30.000	M'		
72	Pasang Kabel NYY - 4 x 16 mm	55.000	M'		
73	Pasang Kabel NYY - 4 x 6 mm	30.000	M'		
74	Pasang Kabel twisted - 2 x 10 mm	5.000	M'		
75	Pasang Kap Kaca Lampu Artolite	37.000	Unit		
76	Pasang Kap Lampu Down Light Artolite	55.000	Unit		
77	Pasang Kap Lampu Halogen - 1000 Watt	365.000	Unit		
78	Pasang Kap Lampu Halogen - 500 Watt	1.100.000	Unit		

		UPAH		
NO.	URAIAN	KERJA (RP)	SATUAN	KETERANGAN
79	Pasang Kap Lampu HPIT - 400 Watt	190.000	Unit	
80	Pasang Kap Lampu Mercury GS - 250 Watt	46.000	Unit	
81	Pasang Kap Lampu Natrium Sox - 135 Watt	365.000	Unit	
82	Pasang Kap Lampu Natrium Sox - 35 Watt	183.000	Unit	
83	Pasang Kap Lampu Natrium Sox - 55 Watt	365.000	Unit	
84	Pasang kap lampu Philips - 250 Watt	55.000	Unit	
85	Pasang Kap Lampu Philips HRC 511	548.000	Unit	
86	Pasang Kap Lampu Pijar Besar	46.000	Unit	
87	Pasang Kap Lampu Sorot - 200 Watt	183.000	Unit	
88	Pasang Kap Lampu Sorot - 500 Watt	183.000	Unit	
89	Pasang Kap Lampu Taman	183.000	Unit	
90	Pasang Kap Lampu Taman Bundar Artolite D 12	183.000	Unit	
91	Pasang Kap Lampu TL - 1 x 10 Watt Balok	46.000	Unit	
92	Pasang Kap Lampu TL - 1 x 20 Watt Balok	46.000	Unit	
93	Pasang Kap Lampu TL - 1 x 40 Watt Balok	55.000	Unit	
94	Pasang Kap Lampu TL 20 Watt Artolite (Bulat)	55.000	Unit	
95	Pasang Kap Lampu TL 40 Watt Artolite (Bulat)	55.000	Unit	
96	Pasang Kap Per Sox 55 Watt	292.000	Unit	
97	Pasang Klem Besi Beton 8 mm	55.000	Unit	
98	Pasang Klem Beugel 1 1/2 x 9", 1 1/2 x 3"	46.000	Unit	
99	Pasang Klem Ornamen Tiang Besi 3" x 1 1/2"	55.000	Unit	
100	Pasang Klem Ornamen Tiang Besi 8" x 1 1/2"	55.000	Unit	
101	Pasang Klem Plat Stainless	37.000	Unit	
102	Pasang Kondensator/Kapasitor Sox 125 Watt	46.000	Unit	
103	Pasang Kondensator/Kapasitor Sox 55 Watt	46.000	Unit	
104	Pasang Kop Zekring 25 Amp	13.000	Unit	
105	Pasang Kop Zekring 6 Amp	13.000	Unit	
106	Pasang Kop Zekring 63 Amp	13.000	Unit	
107	Pasang Kruesdos Cabang 4	55.000	Unit	
108	Pasang L Boch 2" Galvanis	55.000	Unit	
109	Pasang Magnetic Contactor SR 50	365.000	Unit	
110	Pasang MCB 1 P 10 Amp	32.000	Unit	
111	Pasang MCB 1 P 16 Amp	32.000	Unit	
112	Pasang MCB 1 P 20 Amp	32.000	Unit	
113	Pasang MCB 1 P 25 Amp	32.000	Unit	
114	Pasang MCB 1 P 32 Amp	32.000	Unit	
115	Pasang MCB 1 P 50 Amp	32.000	Unit	
116	Pasang MCB 1 P 6 Amp	32.000	Unit	
117	Pasang MCB 1 P 63 Amp	32.000	Unit	
118	Pasang MCB 3 P 32 Amp	32.000	Unit	
119	Pasang MCB 3 P 50 Amp	32.000	Unit	
120	Pasang MCB 3 P 63 Amp	32.000	Unit	
121	Pasang Nofuse Breaker 60 Amp	548.000	Unit	
122	Pasang Ohm Saklar Germany 25 Amp	411.000	Unit	
123	Pasang Ornamen Lampu Pijar	183.000	Unit	
124	Pasang Pipa Galvanis 2"	46.000	M'	

NO.	URAIAN	UPAH KERJA (RP)	SATUAN	KETERANGAN
125	Pasang Pipa Galvanis 1 1/2" x 6 mm	46.000	M'	
126	Pasang Pipa Galvanis 5"	46.000	M'	
127	Pasang Pipa Ornamen Galvanis 1 1/2 x 2 m, 3 m	46.000	M'	
128	Pasang Pipa Ornamen Galvanis 1 1/2 x 4 m, 6 m	46.000	M'	
129	Pasang Pipa PVC 1" (AW)	28.000	M'	
130	Pasang Pipa PVC 1 1/2" (D)	92.000	M'	
131	Pasang Pipa PVC 5/8"	13.000	M'	
132	Pasang Plat Stainless Tipis	548.000	Unit	
133	Pasang Pole Breaker 2"	37.000	Unit	
134	Pasang Pull Breaker	37.000	Unit	
135	Pasang Rel Dudukan MCB 2 x 10 cm	37.000	Unit	
136	Pasang Saklar Double Tembok Broco	55.000	Unit	
137	Pasang Saklar Engkel Tembok, Saklar On - Off 3 Phase	55.000	Unit	
138	Pasang Selubung Tiang	70.000	Unit	
139	Pasang Service Wedge Clamp	28.000	Unit	
140	Pasang Steker AC	55.000	Unit	
141	Pasang Stop Kontak AC	97.000	Unit	
142	Pasang Stop Kontak MK	97.000	Unit	
143	Pasang Stop Kontak Tembok Broco	55.000	Unit	
144	Pasang Stop Kontak Tembok Clipsal	55.000	Unit	
145	Pasang Tap Connector 70 mm	37.000	Unit	
146	Pasang Tiang Lampu Biasa 11 meter	548.000	Unit	
147	Pasang Tiang Lampu Biasa 9 meter	365.000	Unit	
148	Pasang Tiang Lampu Cabang Dua - 11 m	548.000	Unit	
149	Pasang Tiang Lampu Cabang Dua - 9 m	548.000	Unit	
150	Pasang Tiang Lampu Cabang Empat - 11 m	958.000	Unit	
151	Pasang Tiang Lampu Cabang Empat - 9 m	958.000	Unit	
152	Pasang Tiang Lampu Cabang Satu - 9 m	365.000	Unit	
153	Pasang Tiang Lampu Cabang Tiga - 11 m	776.000	Unit	
154	Pasang Tiang Lampu Cabang Tiga - 9 m	776.000	Unit	
155	Pasang Tutup Box Zekring Cor	55.000	Unit	
156	Pasang Tutup Kap Lampu Sox - 55 Watt	183.000	Unit	
157	Pasang Twisted Cable - 2 x 10 mm	5.100	M'	
158	Pasang Vulmasa	548.000	Unit	
159	Pasang Dudukan Lampu HPIT 4 - 400 Watt	183.000	Unit	
160	Pasang Dudukan Lampu 5 x 5 x 70 cm	119.000	Unit	
161	Pasang Besi Siku 5 x 5 x 1 m	46.000	Unit	

X.6. DAFTAR STANDARISASI UPAH PEMASANGAN INSTALASI

NO.	URAIAN	HARGA (RP)	SATUAN	KETERANGAN
1	Pemasangan/Penyambungan PDAM	4.600.000	per titik	
2	Pemasangan Air Condition	700.000	per unit	
3	Pemasangan Arde Bumi	360.000	per titik	
4	Pemasangan Daya	4.600	per watt	

NO.	URAIAN	HARGA (RP)	SATUAN	KETERANGAN
5	Pemasangan Penangkal Petir	3.975.000	per unit	
	(Speed 2 bh, Kabel 15 m, Arde 1 bh)			
6	Pemasangan Stop Kontak	255.000	per titik	
7	Pemasangan Titik Kran PDAM	250.000	per titik	
8	Pemasangan Titik Lampu	225.000	per titik	

X.7. DAFTAR STANDARISASI HARGA PERALATAN PEMADAM KEBAKARAN

NO.	NAMA BARANG	UKURAN/TIPE	HARGA (RP)	SATUAN	MERK
	V-7.4 MILLID I KI				
	X.7.1. Mobil Pemadam Keba				
1	Fire Truck	Kapasitas 12.000 M ³ , Type 265 PS	3.648.189.477	Unit	Hyno
2	Fire Truck	Kapasitas 10.000 M ³ , Type 260 PS	2.918.551.581	Unit	Hyno
3	Fire Truck	Kapasitas 8.000 M ³ , Type 220 PS	2.553.732.633	Unit	Hyno
4	Fire Truck	Kapasitas 5.000 M ³ , Type 220 PS	2.097.708.949	Unit	Hyno
5	Fire Leader Truck	32 M, Type 220 PS	2.097.708.949	Unit	Hyno
6	Fire Rescue Mobile	Dobel Cabin Lengkap Accessories	2.918.551.581	Unit	Mitsubishi
7	Sea Reader	Lengkap Accessories	3.648.189.477	Unit	
8	Fire Rubber Boat	Lengkap Accessories	1.824.094.738	Unit	Avon
	X.7.2. Pompa Pemadam				
1	Pompa	Portable P575i	88.742.209	Unit	Rabbit
2	Pompa	Plouting	68.403.553	Unit	Rabbit
3	Pompa	Portable 18 HP	36.481.895	Unit	Vanguard
	X.7.3. Selang Pemadam Keb	akaran			
1	Selang	2,5" x 30 meter	12.768.664	Unit	Anggus Duralin
2	Selang	1,5" x 30 meter	8.208.427	Unit	Anggus Duralin
3	Selang	2,5"	11.400.593	Unit	Eageline
4	Selang	1,5"	7.296.379	Unit	Eageline
	X.7.4. Nozzel				
1	Nozzel Akron	2,5"	24.625.279	Unit	
2	Nozzel Akron	1,5"	21.104.776	Unit	
	X.7.5. Cabang Selang				
1	Cabang Selang	2,5" + 1,5" + 1,5"	4.560.237	Unit	
2	Cabang Selang	2,5" + 1,5" + 1,5" + 1,5"	6.384.332	Unit	
	X.7.6. Kopling				
1	Kopling Selang	2,5"	2.280.119	Unit	Machino
2	Kopling Selang	1,5"	1.368.071	Unit	Machino

NO.	NAMA BARANG	UKURAN/TIPE	HARGA (RP)	SATUAN	MERK
	X.7.7. Indactor Foam				
1	Indactor Foam	2,5" - 2,5"	28.638.288	Unit	
2	Indactor Foam	2,5" - 1,5"	27.361.421	Unit	
	X.7.8. Fire Extingusher	Ist December 1 Mar	005 012	D 1	
	Fire Extingusher	Isi Powder 1 Kg	985.012	Buah	
	Fire Extingusher	Isi Powder 2 Kg	1.446.507	Buah	
	Fire Extingusher	Isi Powder 3 Kg	2.015.625	Buah	
	Fire Extingusher	Isi Powder 4,5 Kg	2.252.757	Buah	
	Fire Extingusher	Isi Powder 6 Kg	2.608.455	Buah	
	Fire Extingusher	Isi Powder 9 Kg	3.082.720	Buah	
7	Fire Extingusher	Isi Powder 12 Kg	3.794.117	Buah	
8	Fire Extingusher	Isi Gas (Halotron) 1 1/2 Kg	4.979.778	Buah	
9	Fire Extingusher	Isi Gas (Halotron) 3 1/2 Kg	9.722.425	Buah	
10	Fire Extingusher	Isi Gas (Halotron) 5 Kg	13.279.410	Buah	
11	Fire Hose	2 1/2" x 30 m'	11.619.484	Roll	Cobra
12	Fire Hose	2 1/2" x 20 m'	8.418.198	Roll	Cobra
13	Fire Hose	1 1/2" x 20 m'	5.393.848	Roll	Cobra
14	Fire Hose	1 1/2" x 30 m'	7.469.668	Roll	Cobra
15	Fire Hose	1 1/2" x 20 m'	9.556.433	Roll	Break
16	Fire Hose	1 1/2" x 30 m'	13.042.278	Roll	Break
17	Fire Hose	2 1/2" x 20 m'	12.805.145	Roll	Break
18	Fire Hose	2 1/2" x 30 m'	18.259.188	Roll	Break
	X.7.9. Bahan Kimia				
	Foam AFFF		21.889.137	Drum	
2	Powder APAR		2.736.142	Klg	
3	Foam AFFF 6 %	Isi 25 Liter/Pail	3.336.269	Pail	Readaway
	X.7.10. Perlengkapan Pemadam				
1	Baju Tahan Panas		3.192.166	Buah	
2	Breathing Apparatus		29.185.516	Buah	
3	Compressor Breathing Apparatus		656.674.106	Buah	
4	Mesin Lampu	Kapasitas 3000 Watt	27.361.421	Buah	
5	Head Detector Tes		14.592.758	Buah	
6	Smoke Detector Tes		14.592.758	Buah	
7	Paitot Hand Tes		7.843.607	Buah	
	Radio Rig GM		21.889.137	Buah	Motorola
	Radio HT GM		14.592.758	Buah	Motorola
	Radio Repeater VHF	45 Watt	50.162.605	Buah	Motorola
	Antena Hasler VHF		4.560.237	Buah	111 212
	Antena Mobil		474.265	Buah	1
13	Kabel Antena Rg-8		218.891	Buah	1
	Konektor Antena		182.410	Buah	
	Jas Hujan Satpam		355.698	Pcs	1

NO.	NAMA BARANG	UKURAN/TIPE	HARGA (RP)	SATUAN	MERK
16	Masker Asap		12.769	Buah	
17	Znozzle Akron Turbijet	with pistol	21.104.776	Pcs	

X.8. DAFTAR STANDARISASI HARGA SATUAN PEKERJAAN BIAYA BANGUNAN GEDUNG NEGARA

X.8.1. RINCIAN BIAYA PEKERJAAN STANDAR BANGUNAN GEDUNG TIDAK SEDERHANA

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUML (RP	
	A PEKERJAAN SRUKTUR					
	A.1 Pekerjaan Pondasi					
1	Pas. Urugan tanah - Peninggian lantai	824,72	143.400	m3	118.264.131	
2	Galian tanah, dalam s/d 1 m	58,72	104.100	m3	6.113.002	
3	Pas. Urugan pasir - t. 10 cm; Pondasi	11,81	230.800	m3	2.726.837	
4	Aanstamping batu kali - t. 15 cm	96,90	1.012.700	m3	98.130.630	
5	Pas. pondasi batu kali 1:4	14,14	1.388.300	m3	19.635.421	244.870.021
6	Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm	5,91	101.800	m3	601.369	
7	Bekisting sloof beton	66,00	243.300	m2	16.057.800	
8	Tulangan besi beton U-39 - Besi beton dia 19	1.856,61	16.400	kg	30.448.404	
9	Tulangan besi beton U-39 - Besi beton dia 13	755,47	16.400	kg	12.389.667	
0	Tulangan besi beton U-24 - Besi beton 10	135,52	15.300	kg	2.073.456	
10	Beton K - 250	39,46	1.557.000	m3	61.432.992	123.003.689
12	Bekisting sloof beton	118,30	243.300	m2	28.782.390	
13	Tulangan besi beton U-39 - Besi beton dia 16	1.832,21	16.400	kg	30.048.211	
14	Tulangan besi beton U-24 - Besi beton dia 10	826,06	15.300	kg	12.638.657	
15	Beton K - 225	21,13	1.542.400	m3	32.583.200	104.052.458
					Jumlah A.1 Rp	471.926.168
	A.2 PEKERJAAN STRUKTUR A.2.1 LANTAI DASAR					
	Pekerjaan Kolom					
1	Bekisting kolom beton	133,20	377.300	m2	50.256.360	
2	Tulangan besi beton U-39 - Besi beton dia 16	1.121,76	16.400	kg	18.396.864	
3	Tulangan besi beton U-39 - Besi beton dia 13	153,56	16.400	kg	2.518.410	
4	Tulangan besi beton U-24 - Besi beton dia 10	591,85	15.300	kg	9.055.348	
5	Beton K - 250	10,37	1.557.000	m3	16.146.090	96.373.072
	Pekerjaan Balok Bordes					
1	Bekisting balok beton	3,90	385.100	m2	1.501.890	
2	Tulangan besi beton U-39 - Besi beton dia 13	11,90	16.400	kg	195.226	
3	Tulangan besi beton U-24 - Besi beton dia 10	18,48	15.300	kg	282.744	
4	Beton K - 250	0,36	1.557.000	m3	560.520	2.540.380
	Pekerjaan Tangga					
1	Bekisting beton plat lantai	24,16	419.700	m2	10.138.903	
2	Tulangan besi beton U-39 - Besi beton dia 13	202,67	16.400	kg	3.323.716	
3	Tulangan besi beton U-24 - Besi beton dia 10	186,14	15.300	kg	2.847.892	
4	Beton K - 250	3,86	1.557.000	m3	6.006.011	22.316.521

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMI (RF	
	Pekerjaan Balok					
1	Bekisting balok beton	198,49	385.100	m2	76.436.574	
2	Tulangan besi beton U-39 - Besi beton dia 19	259,56	16.400	kg	4.256.784	
3	Tulangan besi beton U-39 - Besi beton dia 16	2.604,10	16.400	kg	42.707.206	
4	Tulangan besi beton U-39 - Besi beton dia 13	101,66	16.400	kg	1.667.217	
5	Tulangan besi beton U-24 - Besi beton dia 10	1.050,53	15.300	kg	16.073.054	
6	Beton K - 250	26,40	1.557.000	m3	41.104.800	182.245.635
	Pekerjaan Plat lantai					
1	Bekisting beton plat lantai	14,10	419.700	m2	5.917.770	
2	Tulangan besi beton U-39 - Besi beton dia 13	9.334,12	16.400	kg	153.079.647	
3	Beton K - 250	62,96	1.557.000	m3	98.032.613	257.030.029
	A.2.2 LANTAI ATAS					
	Pekerjaan Kolom					
1	Bekisting kolom beton	131,60	377.300	m2	49.652.680	
2	Tulangan besi beton U-39 - Besi beton dia 16	942,28	16.400	kg	15.453.366	
3	Tulangan besi beton U-39 - Besi beton dia 13	144,83	16.400	kg	2.375.245	
4	Tulangan besi beton U-24 - Besi beton dia 10	678,96	15.300	kg	10.388.015	
5	Beton K - 250	11,20	1.557.000	m3	17.438.400	103.885.399
_	Pekerjaan Ringbalk	11,20	1.007.000	1110	17.100.100	100.000.077
1	Beton K - 250	11,81	1.557.000	m3	18.380.677	
2	Tulangan besi beton U-39 - Besi beton dia 16	1.101,19	16.400	kg	18.059.588	
3	Tulangan besi beton U-39 - Besi beton dia 13	257,52	16.400	kg	4.223.380	
4	Tulangan besi beton U-24 - Besi beton dia 10	665,28	15.300	kg	10.178.784	
5	Bekisting Praktis beton	148,36	120.800	m2	17.922.190	74.953.435
5	Pekerjaan Plat lantai	140,30	120.000	IIIZ	17.922.190	74.900.400
1	Beton K - 250	51,85	1.557.000	m3	80.728.893	
2	Tulangan besi beton U-24 - Besi beton dia 10	4.666,41	15.300		71.396.073	
3			419.700	-	144.375.751	323.185.781
3	Bekisting beton plat lantai	344,00	419.700	m2	1	
				_	Jumlah A.2 Rp	1.062.530.252
	B PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai					
1	B.1.1 Pekerjaan Lantai ,Lantai dasar	42.00	220.000	O	10.127.250	
1	Pas. Urugan pasir - t. 10 cm; Penebalan lantai Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm; Lantai	43,88	230.800	m3	10.126.350	
2	bangunan	21,94	101.800	m3	2.233.238	
3	Pas. Lantai Granit tile 400x400 - ex Granito; lantai Toilet	17,00	484.900	m2	8.243.300	
4	Pas. Lantai Granit tile 400x400 - ex Granito	470,71	484.900	m2	228.247.279	
5	Pas. Lantai Granit tile 400x400 - ex Granito; lantai tangga	26,61	484.900	m2	12.903.189	261.753.356
	B.1.2 Pekerjaan Lantai, Lantai Atas					
1	Pas. Lantai Granit Tile 400x400 - ex Granito; lantai Toilet	18,45	484.900	m2	8.946.405	
2	Pas. Lantai Granit Tile 400x400 - ex Granito	350,55	484.900	m2	169.981.695	
3	Pas. Plint Granitetile 100x400 - ex Granito	272,10	290.700	m2	79.099.470	281.250.051
Ť		2.2,10	2,0,,00		Jumlah B.1 Rp	543.003.407
						2.0.0001107
				1		

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUML (RP	
	B.2 Pekerjaan Dinding		• • •			-
	B2.1 Pekerjaan Dinding Lantai Dasar					
1	Pas. Dinding bata beton ringan; ad 1:3 - Bata beton ringan ex Celcon	34,95	389.100	m2	13.599.045	
2	Pas. Dinding bata beton ringan; ad 1:4 - Bata beton ringan ex Celcon	455,44	388.500	m2	176.937.275	
3	Pas. Plester acian; ad. 1:4 - t. 15 mm; Penebalan dinding	63,72	83.600	m2	5.326.992	
4	Pas. Plester acian; ad. 1:4 - t. 15 mm; Interior	870,37	83.600	m2	72.763.266	
5	0	16,00	310.400	m	4.966.400	
6	Pas. Dinding Granit Tile 400 x 400 - ex Granito	50,10	618.600	m2	30.991.860	
7	Pas. Dinding partisi gypsumboard Rangka Kayu	66,00	422.200	m2	27.865.200	332.450.038
	B2.2 Pekerjaan Dinding Lantai atas					
1	Pas. Dinding batu bata; ad 1:2 - Batu bata merah	49,84	184.600	m2	9.200.464	
2	Pas. Dinding batu bata; ad 1:4 - Batu bata merah	666,12	174.700	m2	116.371.863	
3	Pas. Plester acian; ad. 1:4 - t. 15 mm; Penebalan dinding	61,37	83.600	m2	5.130.532	
4	Pas. Plester acian; ad. 1:4 - t. 15 mm; Interior	1.246,55	83.600	m2	104.211.413	
5	0	29,00	310.400	m	9.001.600	
6	Pas. Dinding Granit Tile 400 x 400 - ex Granito	56,70	618.600	m2	35.074.620	
7	Pas. Dinding partisi gypsumboard Rangka Metal Furing	62,90	485.900	m2	30.563.110	337.413.426
				,	Jumlah B.2 Rp	669.863.464
	B.3 Pekerjaan Plafond					
	B.3.1 Pekerjaan Plafond Lantai Dasar					
1	Pas. Rangka Plafond Metal furing - Metal furing	342,90	249.200	m2	85.450.680	
2	Pas. Penutup Plafond Gypsumboard t. 9 mm - ex Jayaboard	342,90	53.100	m2	18.207.990	103.658.670
	B.3.2 Pekerjaan Plafond Lantai Atas					
1	Pas. Rangka Plafond Metal furing - Metal furing	489,00	249.200	m2	121.858.800	
2	Pas. Penutup Plafond Gypsumboard t. 9 mm - ex Jayaboard	489,00	53.100	m2	25.965.900	161.128.923
					Jumlah B.3 Rp	264.787.593
	B.4 Pekerjaan Atap					
1	Rangka atap baja ringan - ex Smartruss/Tasso	606,98	318.900	m2	193.564.328	
2	Penutup atap Genteng Keramik Glazur - ex Kanmuri/Kia	606,98	296.100	m2	179.725.298	
3	Bubungan Genteng Keramik Glazur - ex Kanmuri/Kia	112,00	175.300	m	19.633.600	
4	Pas. Talang seng plat - Seng bjls 30	46,00	163.300	m	7.511.800	
5	Pas. Lisplank Kayu 3/20 mm - Kayu Bengkirai	123,50	115.100	m	14.214.850	451.968.364
					Jumlah B.4 Rp	451.968.364
	B.5 Pekerjaan Kusen					
	B.5.1 Pekerjaan Kusen lantai dasar					
1	Kusen pintu P1 A	9,00	5.086.400	unit	45.777.600	
2	Kusen pintu P 1 B	6,00	1.128.400	unit	6.770.400	
3	Kusen pintu P 2 A	2,00	7.653.500	unit	15.307.000	
4	Kusen pintu P J 1	1,00	13.373.500	unit	13.373.500	

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA	SATUAN	JUML	
			SATUAN (RP)		(RP)
5	Kusen Pintu jendela J 1 A	8,00	2.590.400	unit	20.723.200	
6	Kusen Pintu jendela J 2 A	10,00	6.642.400	unit	66.424.000	
7	Kusen Pintu jendela J 3 A	4,00	9.734.600	unit	38.938.400	
8	Kusen Pintu jendela J 4 A	2,00	6.116.900	unit	12.233.800	
9	Kusen Pintu jendela J 5 A	1,00	18.723.700	unit	18.723.700	238.271.600
	(Kusen, Pintu & Jendela Alm. Ex Alexindo ; Kaca t.6 mm; Accecoris ex Dekkson/SES)					
	B.5.2 Pekerjaan Kusen lantai atas					
1	Kusen pintu P 1 A	9,00	5.086.400	unit	45.777.600	
2	Kusen pintu P 1 B	4,00	1.128.400	unit	4.513.600	
3	Kusen pintu P 2 A	1,00	7.653.500	unit	7.653.500	
4	Kusen Pintu jendela J 1 A	6,00	2.590.400	unit	15.542.400	
5	Kusen Pintu jendela J 1 C	2,00	6.642.400	unit	13.284.800	
6	Kusen Pintu jendela J 2 B	12,00	9.734.600	unit	116.815.200	
7	Kusen Pintu jendela J 3 A	2,00	6.116.900	unit	12.233.800	
8	Kusen Pintu jendela J 3 B	2,00	7.989.100	unit	15.978.200	
9	Kusen Pintu jendela J 5 A	2,00	18.723.700	unit	37.447.400	293.478.685
	(Kusen, Pintu & Jendela Alm. Ex Alexindo ; Kaca t.6 mm; Accecoris ex Dekkson/SES)					
				J	Jumlah B.5 Rp	531.750.285
	C. PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing					
	C.1.2 Pekerjaan Sanitary, Lantai dasar					
1	Pas. Kloset Duduk Keramik - TOTO CW 660 J / SW 660 J	4,00	3.478.500	unit	13.914.000	
2	Pas. Urinoir Keramik - TOTO U 57 M	2,00	3.678.700	umit	7.357.400	
3	Pas. Floor Drain - TOTO TX 1 BN	7,00	704.300	bh	4.930.100	
4	Pas. Kran dinding - TOTO T 23 B 13	4,00	322.200	bh	1.288.800	
5	0 - Beton bertulang + keramik 200x200	1,00	1.096.800	unit	1.096.800	28.587.100
	C.1.2 Pekerjaan Sanitary, Lantai atas					
1	Pas. Kloset Duduk Keramik - TOTO CW 660 J / SW 660 J	2,00	3.478.500	unit	6.957.000	
2	Pas. Kloset Jongkok Keramik - TOTO CE 7	2,00	609.900	bh	1.219.800	
3	Pas. Floor Drain - TOTO TX 1 BN	6,00	704.300	bh	4.225.800	
4	Pas. Kran dinding - TOTO T 23 B 13	10,00	322.200	bh	3.222.000	17.030.814
	C.1.3 SUMUR DALAM					
1	Pengeboran sumur	36,00	75.000	m'	2.700.000	
2	Pipa PVC dia. 3" - Casing; ex Wavin	28,00	101.400	m'	2.839.200	
3	Pipa PVC dia. 2" - Casing; ex Wavin	8,00	60.000	m'	480.000	
4	Pipa PVC dia. 3/4" - ex Wavin	64,00	28.300	m'	1.811.200	
5	Klep diameter 3/4"	1,00	38.500	bh	38.500	
6	Stop kran dia. 1"	1,00	104.500	bh	104.500	
7	Mesin Jet Pump kap.250 watt - Groundfos/Sanyo	1,00	1.413.200	m'	1.413.200	9.386.600
	C.1.4 TANKI AIR					
1	Pipa PVC dia. 1" - Sparing pam; ex Wavin	12,00	32.900	m'	394.800	
2	Pipa PVC dia. 1" - Inst. pompa ke tanki air; ex Wavin	8,00	32.900	m'	263.200	
3	Pipa PVC dia. 3/4" - ex Wavin	4,00	28.300	m'	113.200	
4	Tangki air 1200 liter - Exel	1,00	1.805.300	bh	1.805.300	
5	Dudukan tangki air - Besi siku	1,00	1.287.800	bh	1.287.800	

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA	SATUAN	JUML	
			SATUAN (RP)		(RP	')
6	Stop kran dia. 1" - ex Onda	2,00		bh	209.000	
7	Stop kran dia. 1" - ex Onda	1,00		bh	104.500	4 202 200
8	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	4.282.300
	C.1.5 BAK PENAMPUNGAN AIR (RESERVO	1	104 100	0	F0/ 002	
1	Galian tanah, dalam s/d 1 m	5,63	104.100		586.083	
2	Pas. Urugan pasir - t. 10 cm	0,12		m3	27.696	
3	Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm	3,75	101.800		381.750	
4	Bekisting beton plat lantai	21,00		m2	8.813.700	
5	Tulangan besi beton U-24	315,00	15.300	ŭ	4.819.500	
6	Beton K - 200	2,10	1.517.200	m3	3.186.120	17.814.849
	C.1.6 Instalasi Air Bersih, Lantai dasar					
1	Pipa PVC dia. 2" - ex Wavin	45,00	60.000	m	2.700.000	
2	Pipa PVC dia. 1" - ex Wavin	37,00	32.900	m	1.217.300	
3	Pipa PVC dia. 3/4" - ex Wavin	10,00	28.300	m	283.000	4.200.300
	C.1.7 Instalasi Air Kotor & air bekas, Lantai	1				
1	Pipa PVC dia. 3" - Air kotor; ex Wavin	6,00	101.400	m	608.400	
2	Pipa PVC dia. 4" - Air kotor; ex Wavin	12,00	149.900	m	1.798.800	
3	Pipa PVC dia. 3" - Air hujan; ex Wavin	48,00	101.400	m	4.867.200	
4	Pipa PVC dia. 4" - Air hujan; ex Wavin	75,00	149.900	m	11.242.500	18.516.900
	C.1.8 Instalasi Air Bersih, lantai atas					
1	Pipa PVC dia. 1" - ex Wavin	45,00	32.900	m	1.480.500	
2	Pipa PVC dia. 3/4" - ex Wavin	28,00	28.300	m	792.400	2.272.900
	C.1.9 Instalasi Air Kotor & air bekas, lantai a	atas				
1	Pipa PVC dia. 3" - Air kotor; ex Wavin	3,00	101.400	m	304.200	
2	Pipa PVC dia. 4" - Air kotor; ex Wavin	45,00	149.900	m	6.745.500	
3	Pipa PVC dia. 3" - Air hujan; ex Wavin	28,00	101.400	m	2.839.200	10.778.901
	C.1.10 Pekerjaan Septictank					
1	Septictank Pas. Bata + Rembesan kap. 6,00 m3	2,00	9.188.300	unit	18.376.600	18.376.600
				J	umlah C.1 Rp	131.247.264
	C.2 Pekerjaan Elektrikal					
	C.2.1 Pekerjaan Elektrikal, lantai dasar					
1	Pas. Box Panel	1,00	1.420.000	unit	1.420.000	
2	Pas. Instalasi lampu - ex Masko	43,00	127.400	ttk	5.478.200	
3	Pas. Instalasi stop kontak - ex Masko	14,00	149.700	ttk	2.095.800	
4	Pas. Saklar engkel - ex Masko	43,00	90.100	ttk	3.874.300	
5	Pas. Stop kontak - ex Masko	14,00	104.700	ttk	1.465.800	
6	Pas. Lampu TL 2 x 36 watt grille - ex Panasonic	13,00	562.700	bh	7.315.100	
7	Pas. Down light & PLC 13 W - ex Panasonic	24,00	131.800	bh	3.163.200	24.812.400
	C.2.2 Pekerjaan Elektrikal, lantai atas					
1	Pas. Box Panel	1,00	1.420.000	m	1.420.000	
2	Pas. Instalasi lampu - ex Masko	30,00	127.400	ttk	3.822.000	
3	Pas. Instalasi stop kontak - ex Masko	15,00	149.700	ttk	2.245.500	
4	Pas. Saklar engkel - ex Masko	30,00	90.100	ttk	2.703.000	
5	Pas. Stop kontak - ex Masko	75,00	104.700	ttk	7.852.500	
6	Pas. Lampu TL 2 x 36 watt grille - ex Panasonic	18,00	562.700	bh	10.128.600	
7	Pas. Down light & PLC 13 W - ex Panasonic	27,00	131.800	bh	3.558.600	34.585.918
				J	umlah C.2 Rp	59.398.318

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMI (RI	
	D. PEKERJAAN FINISHING					
1	Cat dinding dalam acrylic emulsion KW.I - ex ICI Dulux	870,37	60.300	m2	52.483.552	
2	Cat dinding dalam acrylic emulsion KW.I - ex ICI Dulux	1.246,55	60.300	m2	81.931.860	
3	Cat plafond acrylic emulsion KW.I - ex ICI Dulux	342,90	60.300	m2	20.676.870	
4	Cat plafond acrylic emulsion KW.I - ex ICI Dulux	489,00	60.300	m2	32.140.503	
5	Railing Tangga Besi Hollow - finish cat shynthetic	10,00	356.500	m	3.885.850	
				J	lumlah D.2 Rp	191.118.636

Α	PEKERJAAN STRUKTUR		
A.1	Pekerjaan Pondasi F	Rp.	471.926.168
A.2	Pekerjaan Struktur F	Rp.	1.062.530.25
B.	PEKERJAAN ARSITEKTUR		
B.1	Pekerjaan Lantai F	Rp.	543.003.407
B.2	Pekerjaan Dinding F	₹p.	669.863.464
B.3	Pekerjaan Plafond F	₹p.	264.787.593
B.4	Pekerjaan Atap F	₹p.	451.968.36
B.5	Pekerjaan Kusen F	₹p.	531.750.28
C.	PEKERJAAN UTILITAS		
C.1	Pekerjaan Plumbing F	₹p.	131.247.26
C.2	Pekerjaan Elektrikal F	₹p.	59.398.318
D.	PEKERJAAN FINISHING F	Rp.	191.118.63
	Jumlah Biaya Pekerjaan Standar (a) R	 ρ.	4.377.593.7
	PPN 10% (b) R	•	437.759.3
	'(c) = (a) + (b) R		4.815.353.1
	Luas bangunan (d) m	•	717,
	Harga bangunan untuk pekerjaan standar /m2 (e) = (c) / (d) R	р .	6.712.509,
	Ijin Mendirikan Bangunan /m2 (f) R	р .	
	(e) + (f) Dibulatkan R	p.	6.710.0

X.8.2. RINCIAN BIAYA PEKERJAAN STANDAR BANGUNAN GEDUNG SEDERHANA

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH (RP)
	A PEKERJAAN STRUKTUR				
	A.1 Pekerjaan Pondasi				
0	Galian tanah, dalam s/d 1 m	99,68	104.100	m3	10.376.688
1	Pas. Urugan pasir	6,23	230.800	m3	1.437.884
2	Aanstamping batu kali	22,59	1.012.700	m3	22.873.703
3	Pas. pondasi batu kali 1:4	68,45	1.388.300	m3	95.022.194

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAF	I (RP)
4	Urugan tanah kembali - Sisi pondasi	25,01	34.700	m3	867.674	
5	Buang tanah - Didalam site	97,26	45.700	m3	4.444.867	
				J	lumlah A.1 Rp	135.023.009
	A.2 Pekerjaan Struktur					
	A.2.1 Pekerjaan Sloof Beton					
1	Bekisting sloof beton - Kayu Meranti	71,20	243.300	m2	17.322.960	
2	Tulangan besi beton U-39	730,11	16.400	kg	11.973.837	
3	Tulangan besi beton U-24	382,47	15.300	kg	5.851.858	
4	Beton K - 175	5,34	1.486.000	m3	7.935.240	43.083.895
	A.2.2 Pekerjaan Kolom Praktis	0,01	1.100.000	1110	7.700.210	10.000.070
1	Bekisting Praktis beton - Kayu Meranti	78,32	120.800	m2	9.461.056	
2	Tulangan besi beton U-39	856,29	16.400	kg	14.043.228	
3	Tulangan besi beton U-24	494,38	15.300	kg	7.563.967	
4	Beton K - 175		1.486.000	m3	7.564.929	38.633.180
4	A.2.3 Pekerjaan Ringbalk	5,09	1.480.000	1113	7.304.929	30.033.100
1		0/ 7/	120,000	O	11 /0/ 100	
1	Bekisting Praktis beton - Kayu Meranti	96,74	120.800	m2	11.686.192	
2	Tulangan besi beton U-39	755,51	16.400	kg	12.390.318	
3	Tulangan besi beton U-24	478,57	15.300	kg	7.322.127	10.100.000
4	Beton K - 175	7,21	1.486.000	m3	10.710.345	42.108.982
	A.2.4 Pekerjaan Plat lantai			_		
1	Bekisting beton plat lantai - Kayu Meranti	3,00	419.700	m2	1.259.100	
2	Tulangan besi beton U-24	63,52	15.300	kg	971.791	
3	Beton K - 175	0,34	1.486.000	m3	501.525	2.732.416
					Jumlah A.2 Rp	126.558.474
	B PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai					
1	Pas. Urugan pasir - t. 10 cm	17,70	230.800	m3	4.086.307	
2	Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm	7,56	101.800	m3	769.608	
3	Pas. Lantai Keramik 300x300 - ex Kia	243,40	277.100	m2	67.446.140	
4	Pas. Rabat beton; finish acian - Beton spesi 1:3:5	54,87	171.700	m2	9.421.110	
5	Pas. Dinding batu bata; ad 1:4 - Rolag bata	66,56	174.700	m	11.628.032	
	Tas. Pinang bala bala, ad 1.1 Trolag bala	00,00	171.700		Jumlah B.1 Rp	93.351.197
	B.2 Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:2 - Batu bata merah	21,50	184.600	m2	3.968.900	
2	Pas. Dinding batu bata; ad 1:4 - Batu bata merah	484,21	174.700	m2	84.590.614	
3	Pas. Dinding partisi gypsumboard Rangka Kayu	28,50	422.200	m2	12.032.700	
4	Pas. Dinding batu bata; ad 1:4 - Penebalan kolom	1,60	174.700	m3	279.485	
5	Pas. Plester acian; ad. 1:4 - t. 15 mm; Interior	947,13	83.600	m2	79.180.068	
					Jumlah B.2 Rp	180.051.767
	B.3 Pekerjaan Plafond					
1	Pas. Rangka Plafond Metal furing - Metal furing	335,46	249.200	m2	83.596.632	
2	Pas. Penutup Plafond Gypsumboard t. 9 mm - ex	335,46	53.100	m2	17.812.926	
	Jayaboard	JJJ,40	55.100			101 400 550
					Jumlah B.3 Rp	101.409.558

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	I (RP)
	B.4 Pekerjaan Atap					
1	Rangka atap baja ringan - ex Smartruss	397,87	318.900	m2	126.879.946	
2	Penutup atap Genteng Keramik - ex Kia	397,87	230.800	m2	91.827.819	
3	Bubungan Genteng Keramik - ex Kia	75,25	171.600	m	12.912.900	
4	Pas. Lisplank Kayu 3/20 mm - Kayu Bengkirai	102,50	115.100	m	11.797.750	
5	Pas. Talang seng plat - Seng bjls 30	42,00	163.300	m	6.858.600	
					Jumlah B.4 Rp	250.277.015
	B.5 Pekerjaan Kusen					
1	Kusen Pintu P1	7,00	6.259.600	unit	43.817.200	
2	Kusen Pintu P2	4,00	5.226.200	unit	20.904.800	
3	Kusen Pintu P3	3,00	989.800	unit	2.969.400	
4	Kusen Pintu P J 1	1,00	12.863.400	unit	12.863.400	
5	Kusen Pintu P J 2	1,00	7.106.100	unit	7.106.100	
6	Kusen Pintu Jendela J 1	2,00	7.602.300	unit	15.204.600	
7	Kusen Pintu Jendela J 2	5,00	9.007.300	unit	45.036.500	
8	Kusen Pintu Jendela J 3	1,00	4.568.848	unit	4.568.848	
9	Kusen Bovenlight BV 1	8,00	1.230.000	unit	9.840.000	
10	Kusen Bovenlight BV 2	3,00	2.048.100	unit	6.144.300	
11	Kusen Bovenlight BV 3	3,00	3.130.100	unit	9.390.300	
12	Bovenlight GR 1	2,00	1.230.000	unit	2.460.000	
13	Bovenlight GR 2	2,00	2.048.100	unit	4.096.200	
14	Bovenlight GR 3	2,00	3.130.100	unit	6.260.200	
1.7	(Kusen, Pintu & Jendela Alm. Ex Alexindo ; Kaca t.6 mm; Accecoris ex Dekkson/SES)	2,00	3.130.100	unit	0.200.200	
	Tiodocalis on Boundaring Loy				Jumlah B.5 Rp	190.661.848
	C PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing					
	C.1.1 Pekerjaan Sanitary					
	Pas. Kloset Duduk Keramik - TOTO CW 660 J / SW 660					
1	J	1,00	3.478.500	unit	3.478.500	
2	Pas. Kloset Jongkok Keramik - TOTO CE 7	2,00	609.900	unit	1.219.800	
3	Pas. Floor Drain - TOTO TX 1 BN	3,00	704.300	bh	2.112.900	
4	Pas. Kran dinding - TOTO T 23 B 13	3,00	322.200	bh	966.600	
5	Pas. Bak Air Fiberglass - Fiber glass	1,00	1.362.100	bh	1.362.100	9.139.900
	C.1.2 Pekerjaan Sumur Dalam					
1	Pengeboran Sumur	24,00	75.000	m'	1.800.000	
2	Pipa PVC dia. 3" - Casing; Wavin	24,00	101.400		2.433.600	
3	Pipa PVC dia. 2" - Casing; Wavin	6,00	60.000		360.000	
4	Pipa PVC dia. 3/4" - ex Wavin	24,00	28.300		679.200	
5	Klep diameter 3/4"	1,00	38.500		38.500	
6	Stop kran dia. 1"	1,00	104.500		104.500	
7	Mesin Jet Pump kap.250 watt - Groundfos/ Sanyo	1,00	1.413.200	bh	1.413.200	6.829.000
	C.1.3 Tanki Air	1,00	1.110.200		1.113.200	3.027.000
1	Pipa PVC dia. 1" - Sparing pam; ex Wavin	12,00	32.900	m'	394.800	
2	Pipa PVC dia. 1" - Inst. d/ pompa ke tanki air; ex Wavin	8,00	32.900	m'	263.200	
3	Pipa PVC dia. 3/4" - ex Wavin	4,00	28.300	m'	113.200	
4	Tangki air 500 liter - Exel	1,00	1.380.800		1.380.800	

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
5	Dudukan tangki air - Besi siku	1,00	1.287.800	bh	1.287.800	
6	Stop kran dia. 1" - ex Onda	2,00	104.500	bh	209.000	
7	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	
8	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	3.857.800
	C.1.4 Instalasi Air Bersih					
1	Pipa PVC dia. 2"	40,00	60.000	m	2.400.000	
2	Pipa PVC dia. 1"	35,00	32.900	m	1.151.500	
3	Pipa PVC dia. 3/4"	8,00	28.300	m	226.400	3.777.900
	C.1.5 Instalasi Air Kotor & air bekas					
1	Pipa PVC dia. 4"	40,00	149.900	m	5.996.000	
2	Pipa PVC dia. 4"	63,50	149.900	m	9.518.650	
3	Pipa PVC dia. 2"	9,00	60.000	m	540.000	16.054.650
	C.1.6 Pekerjaan Reservoir					
1	Galian tanah, dalam s/d 1 m	5,63	104.100	m3	586.083	
2	Pas. Urugan pasir	0,12	230.800	m3	27.696	
3	Pas. Lantai kerja beton tumbuk 1:3:5	3,75	101.800	m2	381.750	
4	Bekisting beton plat lantai	21,00	419.700	m2	8.813.700	
5	Tulangan besi beton U-24	315,00		kg	4.819.500	
6	Beton K - 200	2,10		m3	3.186.120	17.814.849
	C.1.7 Pekerjaan Septictank	, -				
1	Septictank Pas. Bata kap. 3,00 m3 + Rembesan	1,00	6.746.100	bh	6.746.100	6.746.100
	- Company of the Comp	,,,,,			Jumlah C.1 Rp	64.220.199
	C.2 Pekerjaan Elektrikal					
	C.2.1 Panel					
1	Pas. Box Panel	1,00	1.420.000	unit	1.420.000	1.420.000
	E.2.2 Instalasi					
1	Pas. Instalasi lampu	37,00	127.400	ttk	4.713.800	
	Pas. Instalasi stop kontak	18,00	149.700	ttk	2.694.600	7.408.400
	C.2.3 Armature	12/22				
1	Pas. Saklar engkel - ex Masko	18,00	90.100	ttk	1.621.800	
2	Pas. Saklar doble - ex Masko	19,00	129.200	ttk	2.454.800	
3	Pas. Stop kontak - ex Masko	18,00	104.700	ttk	1.884.600	
4	Pas. Lampu TL 2 x 18 watt grille - ex Phanasonic	8,00	359.300	bh	2.874.400	
5	Pas. Lampu TL 2 x 36 watt grille - ex Phanasonic	8,00	562.700	bh	4.501.600	
6	Pas. Down light & PLC 13 W - ex Phanasonic	21,00	131.800	bh	2.767.800	16.105.000
	1 d.s. Downinght at 1 Lo 10 W OX1 Hallasonio	21,00	101.000		Jumlah C.2 Rp	24.933.400
					54111411 0.2 1xp	21.700.100
	D PEKERJAAN FINISHING					
		0.17.11			10.015.===	
1	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	947,13	42.300	m2	40.063.599	
2	Pas. Dinding Keramik 300x300 - ex Kia	36,40	310.400	m2	11.298.560	
3	Pas. Dinding Keramik 300x300	9,20	310.400	m2	2.855.680	
4	Cat plafond acrylic emulsion KW.II - ex Mowilex	335,46	42.300	m2	14.189.958	
5	Cat kayu synthetic - Jotun	47,15	89.200	m2	4.205.780	
					Jumlah D Rp	72.613.577

Α	PEKERJAAN STRUKTUR	
A.1	Pekerjaan Pondasi Rp.	135.023.00
A.2	Pekerjaan Struktur Rp.	126.558.47
B.	PEKERJAAN ARSITEKTUR	
B.1	Pekerjaan Lantai Rp.	93.351.19
B.2	Pekerjaan Dinding Rp.	180.051.76
B.3	Pekerjaan Plafond Rp.	101.409.55
B.4	Pekerjaan Atap Rp.	250.277.01
B.5	Pekerjaan Kusen Rp.	190.661.84
C.	PEKERJAAN UTILITAS	
C.1	Pekerjaan Plumbing Rp.	64.220.19
C.2	Pekerjaan Elektrikal Rp.	24.933.40
D.	PEKERJAAN FINISHING Rp.	72.613.57
	Jumlah Biaya Pekerjaan Standar (a) Rp.	1.239.100.04
	PPN 10% (b) Rp.	123.910.00
	'(c) = (a) + (b) Rp.	1.363.010.04
	Luas bangunan (d) m2.	23
	Harga bangunan untuk pekerjaan standar /m2 (e) = (c) / (d) Rp.	5.726.93
	ljin Mendirikan Bangunan /m2 (f) Rp.	

X.9. DAFTAR STANDARISASI HARGA SATUAN PEKERJAAN BIAYA BANGUNAN RUMAH NEGARA

X.9.1. RINCIAN BIAYA STANDAR RUMAH NEGARA TYPE A

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAI	H (RP)
	A. PEKERJAAN STRUKTUR					
	A.1 Pekerjaan Pondasi					
	A.1.1 Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	143,22	104.100	m3	14.909.202	
2	Pas. Urugan pasir	6,51	230.800	m3	1.502.508	
3	Aanstamping batu kali	19,53	1.012.700	m3	19.778.031	
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	58,59	1.388.300	m3	81.340.497	
5	Urugan tanah kembali - Sisi pondasi	58,59	34.700	m3	2.033.073	
6	Buang tanah - Didalam site	84,63	45.700	m3	3.867.591	123.430.902
	A.1.2. Pekerjaan Pondasi Rolag Bata					
1	Galian tanah, dalam s/d 1 m	4,26	104.100	m3	443.466	
2	Pas. Urugan pasir	0,53	230.800	m3	122.901	
3	Pas. Lantai kerja beton tumbuk 1:3:5 - Spesi 1 : 6	10,65	101.800	m2	1.084.170	
4	Pas. Dinding batu bata; ad 1:4 - Spesi 1 : 4	17,75	174.700	m2	3.100.925	

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAF	l (RP)
5	Pas. Plester acian; ad. 1:4 - Spesi 1:2	35,50	83.600	m2	2.967.800	
6	Urugan tanah kembali - Sisi pondasi	1,42	34.700	m3	49.274	
7	Buang tanah - Didalam site	2,84	45.700	m3	129.788	7.898.324
				J	lumlah A.1 Rp	131.329.226
	A.2 Pekerjaan Struktur					
	A.2.1 Pekerjaan Sloof	7	0.10.000		10 101 500	
1	Bekisting sloof beton - Kayu Meranti	74,40		m2	18.101.520	
2	Tulangan besi beton U-24 - Mutu baja U-24	842,81		kg	12.895.040	
3	Beton K - 175 - Mutu beton K-175	5,58	1.486.000	m3	8.291.880	39.288.440
	A.2.2 Pekerjaan Kolom Praktis					
1	Bekisting Praktis beton - Kayu Meranti	76,80		m2	9.277.440	
2	Tulangan besi beton U-24 - Mutu baja U-24	1.179,45		kg	18.045.647	
3	Beton K - 175 - Mutu beton K-175	5,76	1.486.000	m3	8.559.360	35.882.447
	A.2.3 Pekerjaan Ringbalk					
1	Bekisting Praktis beton - Kayu Meranti	74,40	120.800	m2	8.987.520	
2	Tulangan besi beton U-24 - Mutu baja U-24	842,81	15.300	kg	12.895.040	
3	Beton K - 175 - Mutu beton K-175	5,58	1.486.000	m3	8.291.880	30.174.440
	A.2.4 Pekerjaan Ringbalk Ampiq					
1	Bekisting Praktis beton - Kayu Meranti	43,00	120.800	m2	5.194.400	
2	Tulangan besi beton U-24 - Mutu baja U-24	487,04	15.300	kg	7.451.697	
3	Beton K - 175 - Mutu beton K-175	3,23	1.486.000	m3	4.792.350	17.438.447
	A.2.5 Pekerjaan Plat dak					
1	Bekisting beton plat lantai - Kayu Meranti	36,57	419.700	m2	15.348.429	
2	Tulangan besi beton U-24 - Mutu baja U-24	307,51	15.300	kg	4.704.854	
3	Beton K - 175 - Mutu beton K-175	3,50	1.486.000	m3	5.201.000	25.254.283
	A.2.6 Pekerjaan Kanopi					
1	Bekisting beton plat lantai - Kayu Meranti	14,07	419.700	m2	5.905.179	
2	Tulangan besi beton U-24 - Mutu baja U-24	124,70	15.300	kg	1.907.953	
3	Beton K - 175 - Mutu beton K-175	1,20	1.486.000	m3	1.783.200	9.596.332
	A.2.7 Pekerjaan Meja beton					
1	Bekisting Praktis beton - Kayu Meranti	2,87	120.800	m2	346.696	
2	Tulangan besi beton U-24 - Mutu baja U-24	25,67	15.300	kg	392.702	
3	Beton K - 175 - Mutu beton K-175	0,24	1.486.000	Ü	356.640	1.096.038
		-			lumlah A.2 Rp	158.730.428
	B. PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai					
1	Pas. Urugan pasir - t. 10 cm	17,14	230.800		3.955.335	
2	Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm	306,75	101.800		31.227.150	
3	Pas. Lantai Keramik 300x300 - ex Kia/Roman	262,25	277.100		72.669.475	
4	Pas. Lantai Keramik 300x300 - ex Kia/Roman	87,54	277.100	m2	24.257.334	
5	Pas. Plint Granitetile 100x400 - Granitile polish 10 x 40 cm	236,50	290.700	m	68.750.550	
6	Pas. Lantai Keramik 300x300 - Carport	36,00	277.100	m2	9.975.600	
				J	lumlah B.1 Rp	210.835.444

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAF	I (RP)
	B.2 Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Batu bata merah	792,76	174.700	m2	138.495.172	
2	Pas. Plester acian; ad. 1:4 - t. 15 mm; Interior	1.585,52	83.600	m2	132.549.472	
3	Pas. Acian PC	1.585,52	49.200	m2	78.007.584	
				J	lumlah B.2 Rp	349.052.228
	B.3 Pekerjaan Plafond					
1	Pas. Rangka Plafond Metal furing - Metal furing	328,00	249.200	m2	81.737.600	
2	Pas. Penutup Plafond Gypsumboard t. 9 mm - ex Jayaboard/Knauf	349,94	53.100	m2	18.581.814	
3	Pas. List Profil Gypsum t. 5 cm - ex Jayaboard/Knauf	249,30	56.100	m'	13.985.730	
				J	lumlah B.3 Rp	114.305.144
	B.4 Pekerjaan Atap					
1	Rangka atap baja ringan - ex Smartruss	396,00	318.900	m2	126.284.400	
2	Penutup atap Genteng Keramik Glazur - ex Kia	396,00	296.100	m2	117.255.600	
3	Bubungan Genteng Keramik Glazur - ex Kia	18,00	175.300	m'	3.155.400	
4	Pas. Lisplank Kayu 3/20 mm - Kayu Bengkirai	58,00	115.100	m'	6.675.800	
5	Pas. Fleshing seng plat - Seng bjls 30	22,00	86.700	m'	1.907.400	
6	Pas. Roof Drain	2,00	241.400	bh	482.800	
				J	lumlah B.4 Rp	255.761.400
<u> </u>	B.5 Pekerjaan Kusen					
1	Kusen Pintu dan Jendela Kayu KW.I - Kayu Jati	1,28	11.962.400	m3	15.320.246	
2	Pintu panel kayu KW.I; 82 x 206 cm; R. Tamu - Kayu Jati	2,93	913.000	m2	2.670.708	
3	Pintu panel kayu KW.I; 82 x 206 cm; K. Tidur - Kayu Jati	16,69	913.000	m2	15.234.318	
4	Pintu panel kayu KW.I; 72 x 206 cm; K. Mandi - Rangka Kayu Jati	5,85	913.000	m2	5.341.415	
5	Pintu kaca kayu KW.I; 50 x 206 cm - Rangka Kayu Jati	4,12	671.400	m2	2.766.168	
6	Jendela kaca kayu KW.I; 52 x 122 cm - Rangka Kayu Jati	12,69	671.400	m2	8.518.723	
7	Jendela kaca kayu KW.I; 52 x 182 cm - Rangka Kayu Jati	1,89	671.400	m2	1.270.826	
8	Pintu Besi 240 x 400 cm; Garasi - Rangka Besi siku; Penutup plat besi	9,60	1.041.900	m2	10.002.240	
9	Pas. Kaca polos 5 mm - ex Asahi	11,61	249.900	m2	2.900.439	
	Pekerjaan Kunci dan Penggantung					
10	Pas. Engsel pintu - ex Dekkson	60,00	43.500	bh	2.610.000	
11	Pas. Engsel jendela - ex Dekkson	44,00	39.500	bh	1.738.000	
12	Pas. Kunci pintu ruangan - ex Dekkson	13,00	277.400	bh	3.606.200	
13	Pas. Kunci knob pintu kamar mandi - ex Dekkson	4,00	293.300	bh	1.173.200	
14	Pas. Slot tanam pintu doble - ex Dekkson	3,00	491.300	ps	1.473.900	
15	Pas. Kait angin jendela - ex Dekkson	22,00	127.000	bh	2.794.000	
16	Pas. Grendel Jendela - ex Dekkson	44,00	163.100	bh	7.176.400	
17	Pas. Rel pintu lipat 4 pintu - Dekson	1,00	19.900	unt	19.900	
				J	Jumlah B.5 Rp	84.616.683
<u> </u>				1		

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	C. PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing					
	C.1.1 Pekerjaan Sanitary					
1	Pas. Washtafel keramik - TOTO LW 240 CJ	2,00	2.364.600	bh	4.729.200	
2	Pas. Kloset Duduk Keramik - TOTO CW 660 J / SW 660 J	2,00	3.478.500	bh	6.957.000	
3	Pas. Kloset Jongkok Keramik - TOTO CE 7	1,00	609.900	bh	609.900	
4	Pas. Bak Air Fiberglass - Fibre glass	1,00	1.362.100	bh	1.362.100	
5	Pas. Shower spray - TOTO THX 20 NBP1V	2,00	250.200	bh	500.400	
6	Pas. Shower set - TOTO TX423SZ	2,00	923.200	bh	1.846.400	
7	Pas. Floor Drain - TOTO TX 1 BN	4,00	704.300	bh	2.817.200	
8	Pas. Tempat sabun keramik - TOTO S 11 N	3,00	224.400	bh	673.200	
9	Pas. Kitchenzink stainlees stell 1 lubang - Royal	1,00	1.233.500	bh	1.233.500	
10	Pas. Kran zink - TOTO T 30 AR13V7N	1,00	427.900	bh	427.900	
11	Pas. Kran dinding - TOTO T 23 B 13	3,00	322.200	bh	966.600	22.123.400
	C.1.2 Pekerjaan Sumur Dalam					
1	Pengeboran Sumur	36,00	75.000	m'	2.700.000	
2	Pipa PVC dia. 3" - Casing; Wavin	36,00	101.400	m'	3.650.400	
3	Pipa PVC dia. 2" - Casing; Wavin	10,00	60.000	m'	600.000	
4	Pipa PVC dia. 3/4" - ex Wavin	36,00	28.300	m'	1.018.800	
5	Klep diameter 3/4"	1,00	38.500	bh	38.500	
6	Stop kran dia. 1"	1,00	104.500	bh	104.500	
7	Mesin Jet Pump kap.250 watt - Groundfos	1,00	1.413.200	bh	1.413.200	9.525.400
	C.1.3 Tanki Air					
1	Pipa PVC dia. 1" - Sparing pam; ex Wavin	12,00	32.900	m'	394.800	
2	Pipa PVC dia. 1" - Inst. d/ pompa ke tanki air; ex Wavin	8,00	32.900	m'	263.200	
3	Pipa PVC dia. 3/4" - ex Wavin	4,00	28.300	m'	113.200	
4	Tangki air 1000 liter - Exel	1,00	1.805.300	bh	1.805.300	
5	Dudukan tangki air - Besi siku	1,00	1.287.800	bh	1.287.800	
6	Mesin pompa kap.150 watt - GROUNFOS	1,00	1.149.200	bh	1.149.200	
7	Stop kran dia. 1" - ex Onda	2,00	104.500	bh	209.000	
8	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	
9	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	5.431.500
	C.1.4 Pekerjaan Reservoir					
1	Galian tanah, dalam s/d 1 m	5,63	104.100	m3	586.083	
2	Pas. Urugan pasir	0,12	230.800		27.696	
3	Pas. Lantai kerja beton tumbuk 1:3:5	3,75	101.800	m2	381.750	
4	Bekisting beton plat lantai	21,00	419.700	m2	8.813.700	
5	Tulangan besi beton U-24	315,00	15.300	- J	4.819.500	
6	Beton K - 200	2,10	1.517.200	m3	3.186.120	17.814.849
	C.1.5 Instalasi Air Bersih					
	Pipa PVC dia. 1" - ex Wavin	36,00	32.900		1.184.400	
2	Pipa PVC dia. 3/4" - ex Wavin	32,00	28.300	m'	905.600	
3	Pipa PVC dia. 1/2" - ex Wavin	36,00	26.000	m'	936.000	3.026.000
	C.1.6 Instalasi Air Kotor & air bekas					
1	Pipa PVC dia. 4" - ex Wavin	20,00	149.900	m'	2.998.000	
2	Pipa PVC dia. 3" - ex Wavin	28,00	101.400	m'	2.839.200	

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAF	I (RP)
3	Pipa PVC dia. 2" - ex Wavin	20,00	60.000	m'	1.200.000	
4	Pipa PVC dia. 1" - ex Wavin	16,00	32.900	m'	526.400	7.563.600
	C.1.7 Pekerjaan Septictank					
1	Septictank Pas. Bata + Rembesan kap. 6,00 m3	1,00	9.188.300	UNIT	9.188.300	9.188.300
				,	Jumlah C.1 Rp	74.673.049
	C.2 Pekerjaan Elektrikal					
	C.2.1 Panel					
1	Pas. Box Panel - ex Legrand	2,00	1.420.000	bh	2.840.000	2.840.000
-	C.2.2 Instalasi	2,00	1.420.000	DII	2.040.000	2.040.000
1	Pas. Instalasi lampu - Supreme NYM 2 x 1.5 mm	26,00	127.400	ttk	3.312.400	
2	Pas. Instalasi exhausfan - Supreme NYM 2 x 1.5 mm	2,00		ttk	254.800	
3	Pas. Instalasi antena TV	5,00		ttk	1.113.000	
			149.700			6.925.700
4	Pas. Instalasi stop kontak - Supreme NYM 3 x 2.5 mm	15,00	149.700	lik	2.245.500	0.925.700
	C.2.3 Armature	0	404 ***		0.107.555	
1	Pas. Down light & PLC 13 W - ex Phanasonic	26,00		bh	3.426.800	
2	Pas. Saklar engkel - ex Masko	12,00		bh	1.081.200	
3	Pas. Saklar doble - ex Masko	6,00		bh	775.200	
4	Pas. Stop kontak - ex Masko	15,00		bh	1.570.500	
5	Pas. Outlet TV - ex Masko	5,00	120.400	bh	602.000	7.5.4.000
6	Pas. Outlet exhausefan - ex Maspion	2,00	44.300	bh	88.600	7.544.300
					Jumlah C.2 Rp	17.310.000
	D. PEKERJAAN FINISHING					
1	Pas. Dinding Keramik 300x300 - ex kia	93,06	310.400	m2	28.885.824	
2	Pas. Dinding Keramik 300x300 - Batu templek	17,50	310.400	m2	5.432.000	
3	Cat dinding luar weathershiled KW.I - ex Dulux ICI	906,37	60.300	m2	54.654.111	
4	Cat dinding dalam acrylic emulsion KW.I - ex Dulux ICI	521,59	60.300	m2	31.451.877	
5	Cat plafond acrylic emulsion KW.I - ex Dulux ICI	328,00	60.300	m2	19.778.400	
6	Cat kayu synthetic - Jotun	142,36	89.200	m2	12.698.351	
7	Cat besi synthetic - ex Jotun	19,20	89.200	m2	1.712.640	154.613.203
	Pekerjaan Canopi					
8	Pas. Acian PC - Spesi 1:2	36,57	49.200	m2	1.799.244	
9	Cat plafond acrylic emulsion KW.I - ex Dulux ICI	36,57	60.300	m2	2.205.171	4.004.415
					Jumlah C.2 Rp	158.617.618
	REKAPITULASI BIAYA STANDAR RUMAH NEGARA T	VDF A				
	KERAL HOLASI DIATA STANDAK KUMAH NEGAKA I	11 L A				
	A PEKERJAAN STRUKTUR					
	A.1 Pekerjaan Pondasi				Rp.	131.329.226
	A.2 Pekerjaan Struktur				Rp.	158.730.428
	B. PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai				Rp.	210.835.444
	B.2 Pekerjaan Dinding				Rp.	349.052.228
	B.3 Pekerjaan Plafond				Rp.	114.305.144
	B.4 Pekerjaan Atap				Rp.	255.761.400
	B.5 Pekerjaan Kusen				Rp.	84.616.683

	C.	PEKERJAAN UTILITAS	
	C.1	Pekerjaan Plumbing Rp.	74.673.049
	C.2	Pekerjaan Elektrikal Rp.	17.310.000
	D.	PEKERJAAN FINISHING Rp.	158.617.618
		Jumlah Biaya Pekerjaan Standar (a) Rp.	1.555.231.220
		PPN 10% (b) Rp.	155.523.122
		'(c) = (a) + (b) Rp.	1.710.754.342
		Luas bangunan (d) m2.	250
		Harga bangunan untuk pekerjaan standar /m2 (e) = (c) / (d) Rp.	6.843.017
		ljin Mendirikan Bangunan /m2 (f) Rp.	-
		(e) + (f) Dibulatkan Rp.	6.840.000
Ket.		kan Model Perhitungan Harga Satuan Bangunan Gedung Negara Kementerian Pekerjaan Umum	
	Direktorat	t Jenderal Cipta Karya Sub Direktorat Penataan Bangunan dan Lingkungan	

X.9.2. RINCIAN BIAYA STANDAR RUMAH NEGARA TYPE B

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAF	I RP.
	A. PEKERJAAN STRUKTUR					
	A.1 Pekerjaan Pondasi					
	A.1.1 Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	53,51	104.100	m3	5.570.807	
2	Pas. Urugan pasir	2,97		m3	686.168	
3	Aanstamping batu kali	8,92	1.012.700	m3	9.032.271	
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	23,78		m3	33.019.327	
5	Urugan tanah kembali - Sisi pondasi	17,84	34.700	m3	618.979	
6	Buang tanah - Didalam site	35,68	45.700	m3	1.630.393	50.557.946
	A.1.2 Pekerjaan Rolag Bata					
1	Galian tanah, dalam s/d 1 m	0,54	104.100	m3	56.214	
2	Pas. Urugan pasir	0,07	230.800	m3	15.579	
3	Pas. Lantai kerja beton tumbuk 1:3:5 - Spesi 1 : 6	1,35	101.800	m2	137.430	
4	Pas. Dinding batu bata; ad 1:4 - Spesi 1:4	2,25	174.700	m2	393.075	
5	Pas. Plester acian; ad. 1:4 - Spesi 1:2	4,50	83.600	m2	376.200	
6	Urugan tanah kembali - Sisi pondasi	0,18	34.700	m3	6.246	
7	Buang tanah - Didalam site	0,36	45.700	m3	16.452	1.001.196
					Jumlah A.1 Rp	51.559.142
	A.2 Pekerjaan Struktur					
	A.2.1 Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	39,64	243.300	m2	9.644.412	
2	Tulangan besi beton U-24 - Mutu baja U-24	448,99	15.300	kg	6.869.540	
3	Beton K - 175 - Mutu beton K-175	2,97	1.486.000	m3	4.417.878	20.931.830
	A.2.2 Pekerjaan Kolom Praktis					
1	Bekisting Praktis beton - Kayu Meranti	25,74	120.800	m2	3.109.392	
2	Tulangan besi beton U-24 - Mutu baja U-24	369,50	15.300	kg	5.653.401	
3	Beton K - 175 - Mutu beton K-175	1,42	1.486.000	m3	2.103.730	10.866.523

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAI	H RP.
	A.2.3 Pekerjaan Ringbalk					
1	Bekisting Praktis beton - Kayu Meranti	29,73	120.800	m2	3.591.384	
2	Tulangan besi beton U-24 - Mutu baja U-24	380,86	15.300	kg	5.827.174	
3	Beton K - 175 - Mutu beton K-175	2,23	1.486.000	m3	3.313.409	12.731.966
	A.2.3 Pekerjaan Ringbalk Ampiq					
1	Bekisting Praktis beton - Kayu Meranti	22,68	120.800	m2	2.739.744	
2	Tulangan besi beton U-24 - Mutu baja U-24	290,70	15.300	kg	4.447.695	
3	Beton K - 175 - Mutu beton K-175	1,70	1.486.000	m3	2.527.686	9.715.125
	A.2.3 Pekerjaan Kanopi					
1	Bekisting beton plat lantai - Kayu Meranti	4,62	419.700	m2	1.939.014	
2	Tulangan besi beton U-24 - Mutu baja U-24	40,85	15.300	kg	625.041	
3	Beton K - 175 - Mutu beton K-175	0,39	1.486.000	-	579.540	3.143.595
	A.2.3 Pekerjaan Meja beton					
1	Bekisting Praktis beton - Kayu Meranti	1,33	120.800	m2	160.664	
2	Tulangan besi beton U-24 - Mutu baja U-24	12,05		kg	184.356	
3	Beton K - 175 - Mutu beton K-175	0,11	1.486.000	U	160.488	505.508
-					Jumlah A.2 Rp	57.894.547
	B. PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai					
1	Pas. Urugan pasir - t. 10 cm	8,47	230.800	m3	1.955.006	
2	Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm	131,91		m2	13.428.565	
3	Pas. Lantai Keramik 300x300 - ex Roman	41,21		m2	11.419.291	
4	Pas. Lantai Keramik 300x300 - ex Roman	104,57		m2	28.976.693	
	Pas. Plint Keramik 100x300 - ex Roman	103,68		m	9.983.903	
6	Pas. Rabat beton; finish acian - Beton spesi 1:3:5	37,50		m2	6.438.750	
	Tasi Nabat Beteri, illisir asiari Beteri spesi ileis	07,00	1711700		Jumlah B.1 Rp	72.202.208
					34111411 B. 1 14p	72.202.200
	B.2 Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Batu bata merah	471,85	174.700	m2	82.431.322	
2	Pas. Plester acian; ad. 1:4 - t. 15 mm; Interior	943,69		m2	78.892.484	
3	Pas. Acian PC	943,69	49.200		46.429.548	
	1 43.716/4111 0	710,07	17.200	1112	Jumlah B.2 Rp	207.753.354
					34111411 B.2 14p	207.700.001
	B.3 Pekerjaan Plafond					
1	Pas. Rangka Plafond Metal furing - Metal furing	152,71	249.200	m2	38.055.644	
	Pas. Penutup Plafond Gypsumboard t. 9 mm - ex					
2	Jayaboard Sypsamboard 1. 7 min ox	154,96	53.100	m2	8.228.442	
3	Pas. List Profil Gypsum t. 5 cm - ex Jayaboard	122,13	56.100	m'	6.851.213	
					Jumlah B.3 Rp	53.135.298
	B.4 Pekerjaan Atap					
1	Rangka atap baja ringan - ex Smartruss	158,75	318.900	m2	50.625.375	
	Penutup atap Genteng Keramik - ex Kia	158,75		m2	36.639.500	
	Bubungan Genteng Keramik - ex Kia	12,80		m'	2.196.480	
4	Pas. Lisplank Kayu 3/20 mm - Kayu Bengkirai	41,40	115.100		4.765.140	
5	Pas. Fleshing seng plat - Seng bjls 30	46,00		m'	3.988.200	
6	Pas. Roof Drain	2,00	241.400		482.800	
		2,00	30	1 -	Jumlah B4 Rp	98.697.495
					- aa.i D i ivp	,5.5,7,7,7

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLA	H RP.
	B.5 Pekerjaan Kusen					
1	Kusen Pintu dan Jendela Kayu KW.II - Kayu Bengkirai	0,70	11.070.100	m3	7.731.358	
2	Pintu panel kayu KW.II; 82 x 206 cm; R. Tamu - Kayu Bengkirai	2,93	881.000	m2	2.577.101	
3	Pintu doble teakwood 82 x 206 cm; K. Tidur - Kayu Bengkirai	10,01	722.800	m2	7.236.384	
4	Pintu doble teakwood 72 x 206 cm; K. Mandi - Kayu Bengkirai	2,93	722.800	m2	2.114.335	
5	Pintu kaca kayu KW.II; 50 x 206 cm - Kayu Bengkirai	4,12	652.200	m2	2.687.064	
6	Jendela kaca kayu KW.II; 52 x 122 cm - Kayu Bengkirai	3,81	652.200	m2	2.482.534	
7	Jendela kaca kayu KW.II; 52 x 182 cm - Kayu Bengkirai	1,89	652.200	m2	1.234.484	
8	Pintu Besi 240 x 400 cm; Garasi - Rangka Besi siku; Penutup plat besi	7,32	1.041.900	m2	7.626.708	
9	Pas. Kaca polos 5 mm - ex Asahi	6,16	249.900	m2	1.540.184	
10	Pas. Engsel pintu - ex SES	42,00		bh	1.827.000	
11	Pas. Engsel jendela - ex SES	16,00	39.500	bh	632.000	
12	Pas. Kunci pintu ruangan - ex SES	9,00	277.400	bh	2.496.600	
13	Pas. Kunci knob pintu kamar mandi - ex SES	2,00	293.300	bh	586.600	
14	Pas. Slot tanam pintu doble - ex SES	3,00	491.300	ps	1.473.900	
	Pas. Kait angin jendela - ex SES	8,00	127.000	bh	1.016.000	
16	Pas. Grendel Jendela - ex SES	16,00	163.100	bh	2.609.600	
17	Pas. Rel pintu lipat 4 pintu - Dekson	1,00	19.900	unt	19.900	
					Jumlah B5 Rp	45.891.752
	C. PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing					
	C.1.1 Pekerjaan Sanitary					
1	Pas. Washtafel keramik - TOTO LW 240 CJ	1,00	2.364.600	bh	2.364.600	
2	Pas. Kloset Duduk Keramik - TOTO CW 660 J / SW 660 J	1,00	3.478.500	bh	3.478.500	
3	Pas. Kloset Jongkok Keramik - TOTO CE 7	1,00	609.900	bh	609.900	
4	Pas. Bak Air Fiberglass - Fibre glass	1,00	1.362.100	bh	1.362.100	
5	Pas. Shower spray - TOTO THX 20 NBP1V	1,00	250.200	bh	250.200	
6	Pas. Shower set - TOTO TX423SZ	1,00	923.200	bh	923.200	
7	Pas. Floor Drain - TOTO TX 1 BN	3,00	704.300	bh	2.112.900	
8	Pas. Tempat sabun keramik - TOTO S 11 N	2,00	224.400	bh	448.800	
9	Pas. Kitchenzink stainlees stell 1 lubang - HWACO	1,00	1.233.500	bh	1.233.500	
10	Pas. Kran zink - TOTO T 30 AR13V7N	1,00	427.900	bh	427.900	
11	Pas. Kran dinding - TOTO T 23 B 13	3,00	322.200	bh	966.600	14.178.200
	C.1.2 Pekerjaan Sumur Dalam					
1	Pengeboran Sumur	24,00	75.000	m'	1.800.000	
2	Pipa PVC dia. 3" - Casing; Wavin	24,00	101.400	m'	2.433.600	
3	Pipa PVC dia. 2" - Casing; Wavin	6,00	60.000	m'	360.000	
4	Pipa PVC dia. 3/4" - ex Wavin	24,00	28.300	m'	679.200	
5	Klep diameter 3/4"	1,00	38.500	bh	38.500	
6	Stop kran dia. 1"	1,00	104.500	bh	104.500	
7	Mesin Jet Pump kap.250 watt - Groundfos	1,00	1.413.200	bh	1.413.200	6.829.000

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	I RP.
	C.1.3 Tanki Air					
1	Pipa PVC dia. 1" - Sparing pam; ex Wavin	12,00	32.900	m'	394.800	
2	Pipa PVC dia. 1" - Inst. d/ pompa ke tanki air; ex Wavin	8,00	32.900	m'	263.200	
3	Pipa PVC dia. 3/4" - ex Wavin	4,00	28.300	m'	113.200	
4	Tangki air 500 liter - Exel	1,00	1.380.800	bh	1.380.800	
5	Dudukan tangki air - Besi siku	1,00	1.287.800	bh	1.287.800	
6	Stop kran dia. 1" - ex Onda	2,00	104.500	bh	209.000	
7	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	
8	Stop kran dia. 1" - ex Onda	1,00	104.500	bh	104.500	3.857.800
	C.1.4 Instalasi Air Bersih					
1	Pipa PVC dia. 1" - ex Wavin	28,00	32.900	m'	921.200	
2	Pipa PVC dia. 3/4" - ex Wavin	24,00	28.300	m'	679.200	
3	Pipa PVC dia. 1/2" - ex Wavin	28,00	26.000	m'	728.000	2.328.400
	C.1.5 Instalasi Air Kotor & air bekas					
1	Pipa PVC dia. 4" - ex Wavin	12,00	149.900	m'	1.798.800	
2	Pipa PVC dia. 3" - ex Wavin	20,00	101.400	m'	2.028.000	
3	Pipa PVC dia. 2" - ex Wavin	12,00	60.000	m'	720.000	
4	Pipa PVC dia. 1" - ex Wavin	8,00	32.900	m'	263.200	4.810.000
	C.1.6 Pekerjaan Septictank					
1	Septictank Pas. Bata kap. 3,00 m3 + Rembesan	1,00	6.746.100	unit	6.746.100	6.746.100
					Jumlah C.1 Rp	38.749.500
	C.2 Pekerjaan Elektrikal					
	C.2.1 Panel					
1	Pas. Box Panel - ex Legrand	1,00	1.420.000	bh	1.420.000	1.420.000
	C.2.2 Instalasi					
1	Pas. Instalasi lampu - Supreme NYM 2 x 1.5 mm	16,00	127.400	ttk	2.038.400	
2	Pas. Instalasi exhausfan - Supreme NYM 2 x 1.5 mm	1,00	127.400	ttk	127.400	
3	Pas. Instalasi stop kontak - Supreme NYM 3 x 2.5 mm	10,00	149.700	ttk	1.497.000	3.662.800
	C.2.3 Armature					
1	Pas. Down light & PLC 13 W - ex Phanasonic	16,00	131.800	bh	2.108.800	
2	Pas. Saklar engkel - ex Masko	6,00	90.100	bh	540.600	
3	Pas. Saklar doble - ex Masko	3,00	129.200	bh	387.600	
4	Pas. Stop kontak - ex Masko	10,00	104.700	bh	1.047.000	
5	Pas. Outlet exhausefan - ex Maspion	1,00	44.300	bh	44.300	4.128.300
					Jumlah C.2 Rp	9.211.100
	D. PEKERJAAN FINISHING					
1	Pas. Dinding Keramik 300x300 - ex Roman	43,50	310.400	m2	13.502.400	
2	Pas. Dinding Keramik 300x300 - Batu templek	20,00	310.400	m2	6.208.000	
3	Cat dinding luar weathershiled KW.I - ex ICI Dulux	554,39	60.300	m2	33.429.868	
4	Cat dinding dalam acrylic emulsion KW.I - ex ICI Dulux	264,71	60.300	m2	15.961.862	
5	Cat plafond acrylic emulsion KW.I - ex ICI Dulux	135,27	60.300	m2	8.156.856	
6	Cat kayu synthetic - Jotun	19,87	89.200	m2	1.772.582	
7	Cat besi synthetic - ex Jotun	14,64	89.200	m2	1.305.888	80.337.457

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAI	HRP.
	Pekerjaan Canopi					
8	Pas. Acian PC - Spesi 1 : 2	15,79	49.200	m2	776.868	
9	Cat plafond acrylic emulsion KW.I - ex Mowilex	15,79	60.300	m2	952.137	1.729.005
					Jumlah D Rp	82.066.462
	REKAPITULASI BIAYA STANDAR RUMAH NEGA	RA TYPE B				
	A PEKERJAAN STRUKTUR					
	A.1 Pekerjaan Pondasi				Rp.	51.559.142
	A.2 Pekerjaan Struktur				Rp.	57.894.547
	B. PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai				Rp.	72.202.208
	B.2 Pekerjaan Dinding				Rp.	207.753.354
	B.3 Pekerjaan Plafond				Rp.	53.135.298
	B.4 Pekerjaan Atap				Rp.	98.697.495
	B.5 Pekerjaan Kusen				Rp.	45.891.752
	C. PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing				Rp.	38.749.500
	C.2 Pekerjaan Elektrikal				Rp.	9.211.100
	D. PEKERJAAN FINISHING				Rp.	82.066.462
			Jumlah Biaya P	ekerjaan St	andar (a) Rp.	717.160.858
			•	PPI	N 10% (b) Rp.	71.716.086
				'(c) =	(a)+(b)Rp.	788.876.943
				Luas bang	junan (d) m2.	120
	Harga	a bangunan untuk	pekerjaan standa	nr /m2 (e) =	(c)/(d)Rp.	6.573.975
			ljin Mendirik	an Bangun	an /m2 (f) Rp.	-
				(e) + (f)	Dibulatkan Rp.	6.570.000
Ket.	Berdasarkan Model Perhitungan Harga Satuan Bang	iunan Gedung Nega	ıra Kementerian P	ekeriaan Um	num	
	Direktorat Jenderal Cipta Karya Sub Direktorat Pena				- 	
	. ,	<u> </u>	<u> </u>			

X.9.3. RINCIAN BIAYA STANDAR RUMAH NEGARA TYPE C, D, E

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLA	H (RP)
	A. PEKERJAAN STRUKTUR					
	A.1 Pekerjaan Pondasi					
1	Galian tanah, dalam s/d 1 m - Termasuk urugan sisi pondasi & buang tanah sekitar lokasi pekerjaan	33,02	104.100	m3	3.437.642	
2	Pas. Urugan pasir - t. 10 cm	3,89	230.800	m3	896.658	
3	Aanstamping batu kali - t. 15 cm	5,83	1.012.700	m3	5.901.509	
4	Pas. pondasi batu kali 1:4	16,51	1.388.300	m3	22.922.568	33.158.378
				J	lumlah A.1 Rp	33.158.378

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	A.2 Pekerjaan Struktur					
	A.2.1 Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	25,90	243.300	m2	6.301.470	
2	Tulangan besi beton U-24	321,07	15.300	kg	4.912.405	
3	Beton K - 175 - uk. 15/20; Sitemix	1,94	1.486.000	m3	2.886.555	14.100.430
	A.2.1 Pekerjaan Kolom Praktis		-			
1	Bekisting Praktis beton - Kayu Meranti	39,90	120.800	m2	4.819.920	
2	Tulangan besi beton U-24	242,60	15.300	kg	3.711.731	
3	Beton K - 175 - uk. 15/15; Sitemix	1,50	1.486.000	m3	2.223.428	10.755.079
	A.2.1 Pekerjaan Ringbalk		-			
1	Bekisting Praktis beton - Kayu Meranti	58,16	120.800	m2	7.026.030	
2	Tulangan besi beton U-24	462,23	15.300	kg	7.072.137	
3	Beton K - 175 - uk. 15/15; Sitemix	2,91	1.486.000	m3	4.321.474	18.419.641
	A.2.1 Pekerjaan Canopi		-			
1	Bekisting beton plat lantai - Kayu Meranti	5,32	419.700	m2	2.233.853	
2	Tulangan besi beton U-24	33,27	15.300	kg	509.015	
3	Beton K - 175 - uk.15/15; Sitemix	0,32	1.486.000	m3	477.006	3.219.874
				J	lumlah A.2 Rp	46.495.023
	DEVED IAAN ADOLTEVTUD					
	B. PEKERJAAN ARSITEKTUR		0.0000			
	B.1 Pekerjaan Lantai		0,0000		1 777 0 10	
1	Pas. Urugan pasir - t. 10 cm	7,61		m3	1.755.349	
2	Pas. Lantai kerja beton tumbuk 1:3:5 - t. 5 cm	76,06		m2	7.742.399	
3	Pas. Lantai Keramik 300x300 - ex Roman	76,06		m2	21.074.841	
4	Pas. Rabat beton; finish acian - Beton 1:3:5	9,15	171.700	m2	1.570.197	22 4 42 705
				J	lumlah B.1 Rp	32.142.785
	B.2 Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Batu bata merah	169,99	174.700	m2	29.696.598	
2	Pas. Plester acian; ad. 1:2 - t. 15 mm; tanpa acian;	10,32	88.500	m2	913.320	
	interior Pas. Plester acian; ad. 1:4 - t. 15 mm; tanpa acian;					
3	eksterior	326,22	83.600	m2	27.271.574	
				J	lumlah B.2 Rp	57.881.492
	B.3 Pekerjaan Plafond					
1	Pas. Rangka Plafond Kayu - Kayu Meranti	65,95	133.100	m2	8.777.945	
2	Pas. Penutup Plafond Gypsumboard t. 9 mm	65,95	53.100	m2	3.501.945	
				J	lumlah B.3 Rp	12.279.890
	B.4 Pekerjaan Atap					
1	, ,	1 40	0.674./00	m2	12 442 005	
1	Pas. Kuda kuda Kayu - Kayu Meranti	1,43	9.574.600		13.643.805	
2	Rangka Atap kayu	70,00		m2	23.968.000	
3	Penutup atap Genteng Keramik - ex Kia	70,00		m2	16.156.000	
4	Bubungan Genteng Keramik - ex Kia	9,50	171.600		1.630.200	
5	Pas. Lisplank Kayu 3/20 mm - Kayu Bengkirai	24,50	115.100		2.819.950	
6	Pas. Fleshing seng plat - Seng bjls 30	36,00	86.700		3.121.200	/4 000 :==
				J	lumlah B.4 Rp	61.339.155

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAI	H (RP)
	B.5 Pekerjaan Kusen					
1	Kusen Pintu dan Jendela Kayu KW.III - Kayu Bengkirai	0,58	6.907.300	m3	3.978.605	
2	Pintu panel kayu KW.III; 82 x 206 cm; R. Tamu - Kayu Bengkirai	1,46	742.200	m2	1.085.542	
3	Pintu doble triplex 82 x 206 cm; K. Tidur - Kayu Bengkirai	5,01	738.600	m2	3.697.284	
4	Pintu doble triplex 72 x 206 cm; K. Mandi - Kayu Bengkirai	2,93	738.600	m2	2.160.553	
5	Jendela kaca kayu KW.III; 52 x 122 cm - Kayu Bengkirai	0,63	323.300	m2	205.102	
6	Jendela kaca kayu KW.III; 52 x 182 cm - Kayu Bengkirai	5,68	323.300	m2	1.835.827	
7	Pas. Kaca polos 3 mm - ex Asahi	2,89		m2	672.369	
8	Cat kayu synthetic - ex Seiv	2,89	89.200	m2	258.180	
9	Cat besi synthetic - ex Seiv	24,00	89.200	m2	2.140.800	
10	Pas. Engsel pintu - ex SES	24,00	43.500	bh	1.044.000	
11	Pas. Engsel jendela - ex SES	14,00	39.500	bh	553.000	
12	Pas. Kunci pintu ruangan - ex SES	6,00	277.400	bh	1.664.400	
13	Pas. Kunci knob pintu kamar mandi - ex SES	2,00	293.300	bh	586.600	
14	Pas. Kait angin jendela - ex SES	7,00	127.000	bh	889.000	
15	Pas. Grendel Jendela - ex SES	14,00	163.100	bh	2.283.400	
				J	umlah B.5 Rp	23.054.661
	C. PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing					
	C.1.1 Pekerjaan Sanitary					
1	Pas. Kloset Jongkok Keramik - TOTO CW 660 J / SW 660 J	1,00	609.900	bh	609.900	
2	Pas. Bak Air Fiberglass	1,00	1.362.100	bh	1.362.100	
3	Pas. Kran dinding - TOTO T 23 B 13	2,00	322.200	bh	644.400	
	Pas. Floor Drain - TOTO TX 1 BN	1,00	704.300	bh	704.300	
	C.1.2 Pekerjaan Sumur Dalam	•				
1	Pipa PVC dia. 3" - Casing; Wavin	24,00	101.400	m'	2.433.600	
	Pipa PVC dia. 2" - Casing; Wavin	6,00	60.000		360.000	
	Pipa PVC dia. 3/4" - ex Wavin	24,00	28.300		679.200	
4	Klep diameter 3/4"	1,00	38.500		38.500	
	Stop kran dia. 1"	1,00		bh	104.500	
	Mesin pompa kap.150 watt - Groundfos	1,00	1.149.200		1.149.200	
-	C.1.3 Instalasi Air Bersih	1,00	1.147.200	DIT	1.147.200	
1	Pipa PVC dia. 1" - ex Wavin	15,40	32.900	m'	506.660	
	Pipa PVC dia. 1 - ex wavin Pipa PVC dia. 3/4" - ex Wavin	13,20	28.300		373.560	
	Pipa PVC dia. 3/4 - ex Wavin Pipa PVC dia. 1/2" - ex Wavin	15,40	26.000		400.400	
J	'	15,40	20.000	111	400.400	
1		/ /0	140.000	m¹	000 240	
	Pipa PVC dia. 4" - ex Wavin	6,60	149.900		989.340	
	Pipa PVC dia. 3" - ex Wavin	11,00	101.400		1.115.400	
	Pipa PVC dia. 2" - ex Wavin	6,60	60.000		396.000	
4	Pipa PVC dia. 1" - ex Wavin	4,40	32.900	m'	144.760	
	C.1.5 Pekerjaan Septictank					
1	Septictank Pas. Bata kap. 3,00 m3 + Rembesan	1,00	6.746.100	unit	6.746.100	
				J	umlah C.1 Rp	18.757.920

		VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	I (RP)
	C.2 Pekerjaan Elektrikal					
	C.1 Panel					
	Pas. Box Panel - ex Legrand	1,00	1.420.000	bh	1.420.000	
	C.2 Instalasi	1,00	1.420.000	DIT	1.420.000	
1	Pas. Instalasi stop kontak - Supreme NYM 3 x 2.5 mm	4,00	149.700	ttk	598.800	
2	Pas. Instalasi lampu - Supreme NYM 2 x 1.5 mm	8,00	127.400	ttk	1.019.200	
	C.3 Armature					
1	Pas. Saklar engkel	4,00	90.100	bh	360.400	
2	Pas. Saklar doble	2,00	129.200	bh	258.400	
3	Pas. Stop kontak	4,00	104.700	bh	418.800	
4	Pas. Fitting plafond + Lampu SL	8,00	111.100	bh	888.800	
				J	umlah C.2 Rp	4.964.400
	D. PEKERJAAN FINISHING		-			
1	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	183,16	42.300	m2	7.747.457	
	Cat dinding luar weathershiled KW.II - ex Mowilex	153,38	42.300		6.487.974	
	Cat plafond acrylic emulsion KW.II - ex Mowilex	65,95	42.300	m2	2.789.685	
	Cat kayu synthetic - Jotun	18,00	89.200	m2	1.605.600	
	Pas. Acian PC	5,32	49.200	m2	261.867	
6	Cat plafond acrylic emulsion KW.II - ex Mowilex	5,32	42.300	m2	225.142	19.117.724
					Jumlah D Rp	17.117.724
	REKAPITULASI BIAYA STANDAR RUMAH NEGARA T	YPE C, D, E				
	A PEKERJAAN STRUKTUR					
	A.1 Pekerjaan Pondasi				Rp.	33.158.378
	A.2 Pekerjaan Struktur				Rp.	46.495.023
	B. PEKERJAAN ARSITEKTUR					
	B.1 Pekerjaan Lantai				Rp.	32.142.785
	B.2 Pekerjaan Dinding				Rp.	57.881.492
	B.3 Pekerjaan Plafond				Rp.	12.279.890
	B.4 Pekerjaan Atap				Rp.	61.339.155
	B.5 Pekerjaan Kusen				Rp.	23.054.661
	C. PEKERJAAN UTILITAS					
	C.1 Pekerjaan Plumbing				Rp.	18.757.920
	C.2 Pekerjaan Elektrikal				Rp.	4.964.400
	D. PEKERJAAN FINISHING				Rp.	19.117.724
			lumalata D' D	Nalvania - C'	amdam (-) D	200 101 102
			Jumian Biaya P	•	andar (a) Rp.	309.191.429
					1 10% (b) Rp.	30.919.143
					(a) + (b) Rp.	340.110.572
	H ₂ . 1		nakariaan -t l		junan (d) m2.	70
	Harga bar	igunan untuk			(c)/(d)Rp.	4.858.722
			ıjın Mendirik		an /m2 (f) Rp.	4.070.000
				(e) + (t)	Dibulatkan Rp.	4.860.000
Ket.	Berdasarkan Model Perhitungan Harga Satuan Bangunar	Gedung Nega	ra Kementerian P	ekerjaan Um	ium	
	Direktorat Jenderal Cipta Karya Sub Direktorat Penataan					
	The state of the s	. ე	Jg			

X.10. DAFTAR STANDARISASI HARGA SATUAN PEKERJAAN BIAYA STANDAR PAGAR GEDUNG NEGARA

X.10.1. RINCIAN BIAYA STANDAR PAGAR DEPAN BANGUNAN GEDUNG NEGARA

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	A PAGAR DEPAN tinggi 1,50 m					
	I. Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	9,24	104.100	m3	961.884	
2	Pas. Urugan pasir	0,42		m3	96.936	
3	Aanstamping batu kali	1,26	1.012.700		1.276.002	
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	3,78	1.388.300	m3	5.247.774	
5	Urugan tanah kembali - Sisi pondasi	3,78		m3	131.166	
6	Buang tanah - Didalam site	5,46	45.700		249.522	7.963.284
	II. Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	4,80	243.300	m2	1.167.840	
2	Tulangan besi beton U-24	68,10	15.300	kg	1.041.961	
3	Beton K - 175	0,36	1.486.000		534.960	2.744.761
	III. Pekerjaan Kolom Praktis					
1	Bekisting kolom Praktis - Mutu baja U-24	1,35	243.300	m2	328.455	
2	Tulangan besi beton U-24	31,53	15.300	kg	482.390	
3	Beton K - 175	0,10	1.486.000	m3	150.458	961.302
	IV. Pekerjaan Dinding					
1	Pagar besi - Besi tempa	16,35	695.800	m2	11.376.330	
2	Pintu pagar besi - Besi tempa	1,50	869.750	m2	1.304.625	12.680.955
	pilar ;					
3	Pas. Dinding batu bata; ad 1:4 - Spesi 1:4	15,60	174.700	m2	2.725.320	
4	Pas. Plester acian; ad. 1:4 - Spesi 1:4	31,20	83.600	m2	2.608.320	
5	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	31,20	42.300	m2	1.319.760	6.653.400
					lumlah Da	31.003.702
					Jumlah Rp.	
					PPN 10% Rp.	3.100.370 34.104.073
				Dou	Total	
					njang Pagar m2. Harga Pagar Rp.	2.842.006
				ſ	Dibulatkan Rp.	2.840.000
					ышакан кр.	2.040.000
Ket.	Berdasarkan Model Perhitungan Harga Satuan Banguna	<u> </u>		ekerjaan U	mum	
	Direktorat Jenderal Cipta Karya Sub Direktorat Penataar	n Bangunan dan	Lingkungan			

X.10.2. RINCIAN BIAYA STANDAR PAGAR SAMPING BANGUNAN GEDUNG NEGARA

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH (RP)	
	B PAGAR SAMPING tinggi 2 m					
	I. Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	6,28	104.100	m3	653.280	
2	Pas. Urugan pasir	0,29	230.800	m3	65.836	
3	Aanstamping batu kali	0,86	1.012.700	m3	866.618	

NO	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	2,57	1.388.300	m3	3.564.113	
5	Urugan tanah kembali - Sisi pondasi	2,57	34.700	m3	89.084	
6	Buang tanah - Didalam site	3,71	45.700	m3	169.467	5.408.397
	II. Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	3,26	243.300	m2	793.158	
2	Tulangan besi beton U-24	46,25	15.300	kg	707.610	
3	Beton K - 175	0,24	1.486.000	m3	363.327	1.864.095
	III. Pekerjaan Kolom Praktis					
1	Bekisting sloof beton - Mutu baja U-24	3,00	243.300	m2	729.900	
2	Tulangan besi beton U-24	62,88	15.300	kg	962.096	
3	Beton K - 175	0,23	1.486.000	m3	334.350	2.026.346
	IV. Pekerjaan Ringbalk					
1	Bekisting Praktis beton - Kayu Meranti	2,45	120.800	m2	295.356	
2	Tulangan besi beton U-24	43,98	15.300	kg	672.886	
3	Beton K - 175	0,18	1.486.000	m3	272.495	1.240.737
	V. Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Spesi 1 : 4	16,30	174.700	m2	2.847.610	
2	Pas. Plester acian; ad. 1:4 - Spesi 1:4	32,60	83.600	m2	2.725.360	
3	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	32,60	42.300	m2	1.378.980	6.951.950
					Jumlah Rp.	17.491.525
					PPN 10% Rp.	1.749.152
					Total	19.240.677
					njang Pagar m2.	8
				ŀ	larga Pagar Rp.	2.405.085
					Dibulatkan Rp.	2.410.000
Ket.	Berdasarkan Model Perhitungan Harga Satuan Bangunar Direktorat Jenderal Cipta Karya Sub Direktorat Penataan			ekerjaan U	mum	

RINCIAN BIAYA STANDAR PAGAR BELAKANG BANGUNAN GEDUNG NEGARA X.10.3.

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLA	H (RP)
	C PAGAR BELAKANG tinggi 3,00 m					
	I. Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	3,85	104.100	m3	400.785	
2	Pas. Urugan pasir	0,18	230.800	m3	40.390	
3	Aanstamping batu kali	0,53	1.012.700	m3	531.668	
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	1,58	1.388.300	m3	2.186.573	
5	Urugan tanah kembali - Sisi pondasi	1,58	34.700	m3	54.653	
6	Buang tanah - Didalam site	2,28	45.700	m3	103.968	3.318.035
	II. Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	2,00	243.300	m2	486.600	
2	Tulangan besi beton U-24	28,45	15.300	kg	435.255	
3	Beton K - 175	0,15	1.486.000	m3	222.900	1.144.755

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	III. Pekerjaan Kolom Praktis					
1	Bekisting sloof beton - Mutu baja U-24	1,50	243.300	m2	364.950	
2	Tulangan besi beton U-24	31,44	15.300	kg	481.048	
3	Beton K - 175	0,11	1.486.000	m3	167.175	1.013.173
	IV. Pekerjaan Ringbalk					
1	Bekisting Praktis beton - Kayu Meranti	1,50	120.800	m2	181.200	
2	Tulangan besi beton U-24	27,05	15.300	kg	413.789	
3	Beton K - 175	0,11	1.486.000	m3	167.175	762.164
	V. Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Spesi 1 : 4	12,50	174.700	m2	2.183.750	
2	Pas. Plester acian; ad. 1:4 - Spesi 1:4	25,00	83.600	m2	2.090.000	
3	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	25,00	42.300	m2	1.057.500	5.331.250
					Jumlah Rp.	11.569.378
					PPN 10% Rp.	1.156.938
					Total	12.726.315
				Panja	ang Pagar m2.	5
				На	nrga Pagar Rp.	2.545.263
					Dibulatkan Rp.	2.550.000
					- 1	
Ket.	Berdasarkan Model Perhitungan Harga Satuan Bangunar	n Gedung Nega	ra Kementerian P	ekerjaan Um	ium	
	Direktorat Jenderal Cipta Karya Sub Direktorat Penataan	Bangunan dan	Lingkungan			

X.11. DAFTAR STANDARISASI HARGA SATUAN PEKERJAAN BIAYA STANDAR PAGAR RUMAH NEGARA

X.11.1. RINCIAN BIAYA STANDAR PAGAR DEPAN RUMAH NEGARA

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	A PAGAR DEPAN tinggi 1,50 m					
	A.1 Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	2,10	104.100	m3	218.610	
2	Pas. Urugan pasir	0,15	230.800	m3	34.620	
3	Aanstamping batu kali	0,45	1.012.700	m3	455.715	
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	1,08	1.388.300	m3	1.499.364	
5	Urugan tanah kembali - Sisi pondasi	0,42	34.700	m3	14.574	
6	Buang tanah - Didalam site	1,68	45.700	m3	76.776	2.299.659
	A.2 Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	1,80	243.300	m2	437.940	
2	Tulangan besi beton U-24	30,81	15.300	kg	471.419	
3	Beton K - 175	0,09	1.486.000	m3	133.740	1.043.099
	A.3 Pekerjaan Kolom Praktis					
1	Bekisting sloof beton - Mutu baja U-24	0,60	243.300	m2	145.980	
2	Tulangan besi beton U-24	19,20	15.300	kg	293.813	
3	Beton K - 175	0,03	1.486.000	m3	44.580	484.373

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	I (RP)
	A.4 Pekerjaan Dinding					
1	Pagar Besi - Besi hollow 20.40.0,8 mm	7,50	695.800	m2	5.218.500	
2	Pintu pagar besi - Besi hollow 20.40.0,8 mm	1,50	869.750	m2	1.304.625	6.523.125
	pilar ;					
3	Pas. Dinding batu bata; ad 1:4 - Spesi 1 : 4	8,70	174.700	m2	1.519.890	
4	Pas. Plester acian; ad. 1:4 - Spesi 1:4	17,40	83.600	m2	1.454.640	
5	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	17,40	42.300	m2	736.020	3.710.550
					Jumlah Rp.	14.060.807
					PPN 10% Rp.	1.406.081
					Total	15.466.888
				Panja	ang Pagar m2.	6
				Ha	rga Pagar Rp.	2.577.815
					Dibulatkan Rp.	2.580.000
Ket.	Berdasarkan Model Perhitungan Harga Satuan Bangunan	 n Gedung Nega	 ra Kementerian P	ekeriaan Um	ıım	
1100	Direktorat Jenderal Cipta Karya Sub Direktorat Penataan			onorgaan z	uii.	
	Directoral Solution Sipila Harya Sub Birottoral Fortales.	Durigariari ac	Lingituriguri			

X.11.2. RINCIAN BIAYA STANDAR PAGAR SAMPING RUMAH NEGARA

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	B PAGAR SAMPING tinggi 2 m					
	B.1 Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	2,10	104.100	m3	218.610	
2	Pas. Urugan pasir	0,15	230.800	m3	34.620	
3	Aanstamping batu kali	0,45	1.012.700	m3	455.715	
4	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	1,08	1.388.300	m3	1.499.364	
5	Urugan tanah kembali - Sisi pondasi	0,42	34.700	m3	14.574	
6	Buang tanah - Didalam site	1,68	45.700	m3	76.776	2.299.659
	B.2 Pekerjaan Sloof					
1	Bekisting sloof beton - Kayu Meranti	1,80	243.300	m2	437.940	
2	Tulangan besi beton U-24	30,81	15.300	kg	471.419	
3	Beton K - 175	0,09	1.486.000	m3	133.740	1.043.099
	B.3 Pekerjaan Kolom Praktis					
1	Bekisting sloof beton - Mutu baja U-24	0,80	243.300	m2	194.640	
2	Tulangan besi beton U-24	23,92	15.300	kg	365.965	
3	Beton K - 175	0,04	1.486.000	m3	59.440	620.045
	B.4 Pekerjaan Ringbalk					
1	Bekisting Praktis beton - Kayu Meranti	1,20	120.800	m2	144.960	
2	Tulangan besi beton U-24	29,12	15.300	kg	445.534	
3	Beton K - 175	0,06	1.486.000	m3	89.160	679.654
	B.5 Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Spesi 1 : 4	12,00	174.700	m2	2.096.400	
2	Pas. Plester acian; ad. 1:4 - Spesi 1:4	12,00	83.600	m2	1.003.200	
3	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	12,00	42.300	m2	507.600	3.607.200

Jumlah Rp.	8.249.657
PPN 10% Rp.	824.966
Total	9.074.622
Panjang Pagar m2.	6
Harga Pagar Rp.	1.512.437
Dibulatkan Rp.	1.510.000
Ket. Berdasarkan Model Perhitungan Harga Satuan Bangunan Gedung Negara Kementerian Pekerjaan Umum	
Direktorat Jenderal Cipta Karya Sub Direktorat Penataan Bangunan dan Lingkungan	

X.11.3. RINCIAN BIAYA STANDAR PAGAR BELAKANG RUMAH NEGARA

NO.	URAIAN PEKERJAAN - KETERANGAN	VOLUME	HARGA SATUAN (RP)	SATUAN	JUMLAH	(RP)
	C PAGAR BELAKANG tinggi 2,50 m					
	C.1 Pekerjaan Pondasi Batukali					
1	Galian tanah, dalam s/d 1 m	2,10	104.100	m3	218.610	
	Pas. Urugan pasir	0,15	230.800	m3	34.620	
	Aanstamping batu kali	0,45	1.012.700		455.715	
	Pas. pondasi batu kali 1:4 - Spesi 1 : 4	1,08			1.499.364	
5	Urugan tanah kembali - Sisi pondasi	0,42		m3	14.574	
	Buang tanah - Didalam site	1,68	45.700		76.776	2.299.659
	C.2 Pekerjaan Sloof	1,00	101700		701170	2.277.007
1	Bekisting sloof beton - Kayu Meranti	1,80	243.300	m2	437.940	
	Tulangan besi beton U-24	30,81	15.300		471.419	
	Beton K - 175	0,09	1.486.000	•	133.740	1.043.099
	C.3 Pekerjaan Kolom Praktis					
	Bekisting sloof beton - Mutu baja U-24	1,00	243.300	ka	243.300	
	Tulangan besi beton U-24	1,00	15.300	•	15.300	
	Beton K - 175	0,05	1.486.000		74.300	332.900
	C.4 Pekerjaan Ringbalk	,				
2	Bekisting Praktis beton - Kayu Meranti	1,20	120.800	m2	144.960	
	Tulangan besi beton U-24	29,12	15.300	kg	445.534	
	Beton K - 175	0,06	1.486.000	•	89.160	679.654
	C.5 Pekerjaan Dinding					
1	Pas. Dinding batu bata; ad 1:4 - Spesi 1 : 4	15,00	174.700	m2	2.620.500	
2	Pas. Plester acian; ad. 1:4 - Spesi 1:4	15,00	83.600	m2	1.254.000	
3	Cat dinding dalam acrylic emulsion KW.II - ex Mowilex	15,00	42.300	m2	634.500	4.509.000
					Jumlah Rp.	8.864.312
					PPN 10% Rp.	886.431
					Total	9.750.743
				Pan	jang Pagar m2.	6
					arga Pagar Rp.	1.625.124
					Dibulatkan Rp.	1.630.000
Ket.	Berdasarkan Model Perhitungan Harga Satuan Bangunar	n Geduna Nega	ra Kementerian P	ekeriaan Ur	- 1	
	Direktorat Jenderal Cipta Karya Sub Direktorat Penataan			o.torjaari oi		
		_ sga.r aarr	gguii			

DAFTAR STANDARISASI HARGA PERALATAN DAN PIPA DISTRIBUSI PDAM X.12.

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.1. Pipa DCI Standard K = 9				
	Sambungan Mekanis (Mechan	ical loint) sesuai			
	Spek ISO 2531/BS 4772 lengka				
1	Pipa DCI Standard K = 9	ND 500 mm	Unit	4.540.338	
	Pipa DCI Standard K = 9	ND 400 mm	Unit	3.524.316	
	Pipa DCI Standard K = 9	ND 300 mm	Unit	2.380.609	
	Pipa DCI Standard K = 9	ND 250 mm	Unit	2.182.612	
	Pipa DCI Standard K = 9	ND 200 mm	Unit	1.926.244	
	Pipa DCI Standard K = 9	ND 150 mm	Unit	1.632.068	
	X.12.2. Pipa Steel, Spiral Welded, AW	WA C.200			
	Int. Lining: AWWA C.205 (Cem				
	Ext. Coting : AWWA C.203 (Cer				
1	Pipa Steel	ND 400 mm	Unit	2.633.330	
	Pipa Steel	ND 300 mm	Unit	1.587.626	
				7700770	
	X.12.3. Pipa PVC, Belt End, S-12,5				
	Standar SNI 06-0084-1987/ISO	4065			
1	Pipa PVC	ND 150 mm	Unit	299.152	
	X.12.4. Fitting Dan Accessories				
	Fitting DCIP, Standard K = 12 se	esuai dengan Spek ISO			
	2531/BS 4772				
1	Penyambungan/Tapping 15 s/d 18	Mechanical Tee All Socket ND 500 x 300 DCI	Unit	23.983.861	
2	Penyambungan/Tapping 15 s/d 18	Mechanical Tee All Socket ND 500 x 200 DCI	Unit	23.032.181	
3	Penyambungan/Tapping 15 s/d 18	Mechanical Tee All Socket ND 400 x 250 DCI	Unit	16.309.563	
4	Penyambungan/Tapping 15 s/d 18	Mechanical Tee Socket With Flange Branch ND 250 x 250 DCI	Unit	7.777.111	
5	Penyambungan/Tapping 15 s/d 18	Tee All Flange ND 500 x 250	Unit	19.583.979	
6	Penyambungan/Tapping 15 s/d 18	Tee All Flange ND 250 x 250	Unit	6.256.479	
7	Penyambungan/Tapping 15 s/d 18	Tee All Flange ND 200 x 200	Unit	4.844.961	
8	Penyambungan/Tapping 15 s/d 18	Reduscer All Flange ND 500 x 400 DCI	Unit	17.261.409	
9	Penyambungan/Tapping 15 s/d 18	Gate Valve ND 500 mm	Unit	136.732.484	
10	Penyambungan/Tapping 15 s/d 18	Gate Valve ND 400 mm	Unit	103.572.266	
11	Penyambungan/Tapping 15 s/d 18	Gate Valve ND 300 mm	Unit	35.116.311	
12	Penyambungan/Tapping 15 s/d 18	Gate Valve ND 250 mm	Unit	29.063.301	
13	Penyambungan/Tapping 15 s/d 18	Gate Valve ND 200 mm	Unit	19.066.267	
14	Penyambungan/Tapping 15 s/d 18	Gate Valve ND 150 mm	Unit	8.589.994	
15	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 500 mm DCI	Unit	9.908.482	
16	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 400 mm DCI	Unit	7.926.687	
	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 300 mm DCI	Unit	5.945.057	
	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 250 mm DCI	Unit	4.537.187	
	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 200 mm DCI	Unit	3.963.260	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
20	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 300 mm DCI For PVC	Unit	6.156.652	
21	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 250 mm DCI For PVC	Unit	4.831.530	
22	Penyambungan/Tapping 15 s/d 18	Flange Spigot ND 200 mm DCI For PVC	Unit	4.377.827	
23	Penyambungan/Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND 400 DCI	Unit	16.711.859	
24	Penyambungan/Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND 300 DCI	Unit	1.221.812	
25	Penyambungan/Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND 200 DCI	Unit	6.997.228	
26	Penyambungan/Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND 150 DCI	Unit	2.680.093	
27	Penyambungan/Tapping 15 s/d 18	Bend All Socket 90 Drg ND. 150 mm DCI	Unit	2.682.912	
28	Penyambungan/Tapping 15 s/d 18	Bend All Socket 45 Drg ND. 150 mm PVC	Unit	1.344.856	
29	Penyambungan/Tapping 15 s/d 18	Mech Reduce All Socket ND. 400 x 200 mm DCI	Unit	16.748.673	
30	Penyambungan/Tapping 15 s/d 18	Mech Reduce All Socket ND. 300 x 200 mm DCI For PVC	Unit	10.386.561	
31	Penyambungan/Tapping 15 s/d 18	Loose Flange ND. 400 mm Steel	Unit	2.697.671	
32	Penyambungan/Tapping 15 s/d 18	Repair Socket ND. 250 mm PVC	Unit	696.970	
33	Penyambungan/Tapping 15 s/d 18	Repair Socket ND. 200 mm PVC	Unit	392.346	
34	Penyambungan/Tapping 15 s/d 18	Repair Socket ND. 150 mm PVC	Unit	333.478	
35	Penyambungan/Tapping 15 s/d 18	GiboultJoint ND. 500 mm DCI	Unit	12.245.812	
	Penyambungan/Tapping 15 s/d 18	GiboultJoint ND. 400 mm DCI	Unit	5.542.760	
	Penyambungan/Tapping 15 s/d 18	GiboultJoint ND. 300 mm DCI	Unit	3.491.151	
	Penyambungan/Tapping 15 s/d 18	GiboultJoint ND. 250 mm DCI	Unit	2.576.783	
	Penyambungan/Tapping 15 s/d 18	GiboultJoint ND. 200 mm DCI	Unit	1.906.013	
	Penyambungan/Tapping 15 s/d 18	Box Street Valve Ukuran Besar	Unit	725.824	
	Penyambungan/Tapping 15 s/d 18	Box Street Valve Ukuran Kecil	Unit	615.383	
	Penyambungan/Tapping 15 s/d 18	Box Street Valve Ukuran Besar (Harga Baru)	Unit	500.631	
43	Penyambungan/Tapping 15 s/d 18	Box Street Valve Ukuran Kecil (Harga Baru)	Unit	158.531	
	X.12.5. Fitting/Accessories Jalur Pipa				
1	Fitting/Accessories Jalur Pipa	Mechanical Bend 45 Drg All Socket ND. 500 mm DCI	Unit	24.307.555	
2	Fitting/Accessories Jalur Pipa	Mechanical Bend 22,5 Drg All Socket ND. 500 mm DCI	Unit	23.196.681	
3	Fitting/Accessories Jalur Pipa	Mechanical Bend 11,25 Drg All Socket ND. 500 mm DCI	Unit	22.013.176	
4	Fitting/Accessories Jalur Pipa	Mechanical Bend 22,5 Drg All Socket ND. 400 mm DCI	Unit	16.452.008	
5	Fitting/Accessories Jalur Pipa	Mechanical Bend 11,25 Drg All Socket ND. 400 mm DCI	Unit	15.873.770	
6	Fitting/Accessories Jalur Pipa	Bend All Spigot 11,25 Drg ND. 400 mm Steel	Unit	8.405.926	
7	Fitting/Accessories Jalur Pipa	Giboult Joint ND 500 mm DCI	Unit	12.245.812	
8	Fitting/Accessories Jalur Pipa	Giboult Joint ND 400 mm DCI	Unit	5.542.760	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.6. Pengadaan Air Release Valve				
		e Lengkap Dengan Packing Glend, Mur	dan Baut		
1	Pengadaan Air Release Valve	Double Air Valve ND. 75 mm	Unit	11.588.474	
2	Pengadaan Air Release Valve	Gate Valve ND. 75 mm	Unit	7.740.297	
3	Pengadaan Air Release Valve	Mech Tee Socket With Flanfe Branch ND. 400 x 75	Unit	15.005.667	
4	Pengadaan Air Release Valve	Flange Spigot ND. 400 mm DCI	Unit	7.926.687	
5	Pengadaan Air Release Valve	Giboult Join ND. 400 mm DCI	Unit	5.542.760	
6	Pengadaan Air Release Valve	Pipa ND. 75 mm Steel	Unit	304.789	
7	Pengadaan Air Release Valve	Bent All Flange 90 Drg Nd. 75 mm DCI	Unit	907.238	
8	Pengadaan Air Release Valve	Loose Flange ND. 75 mm steel	Unit	242.107	
	X.12.7. Pekerjaan Pemasangan Pipa				
	Termasuk Fit Up Instalasi, Perlei Gambar Rencana Dan Spektek	ngkapan Pemipaan, U-Bolt Dan Acces. S	esuai		
1	Pemasangan Pipa	DCIP ND. 500 mm di Jalan Hotmix (Harga Baru)	Unit	825.651	
2	Pemasangan Pipa	DCIP ND. 400 mm di Jalan Hotmix (Harga Baru)	Unit	702.609	
3	Pemasangan Pipa	Steel ND. 400 mm di Jalan Hotmix (Harga Baru)	Unit	868.435	
	X.12.8. Pekerjaan Pemasangan Pipa P	lada Tapping 15 s/d 18			
1	Pekerjaan Tapping 15 s/d 18	Pipa DCI ND. 300 mm Di Jalan Hotmix (Harga Baru)	Unit	494.164	
2	Pekerjaan Tapping 15 s/d 18	Pipa DCI ND. 250 mm Di Jalan Hotmix (Harga Baru)	Unit	390.522	
3	Pekerjaan Tapping 15 s/d 18	Pipa DCI ND. 200 mm Di Jalan Hotmix (Harga Baru)	Unit	320.377	
4	Pekerjaan Tapping 15 s/d 18	Pipa DCI ND. 150 mm Di Jalan Hotmix (Harga Baru)	Unit	272.121	
	X.12.9. Pekerjaan Pemasangan ACC,	Tapping 15 s/d 18			
1	Pas. ACC, Tapping 15 s/d 18	Mechanical Tee all Socket ND. 500 x 300 DCI	Unit	109.943	
2	Pas. ACC, Tapping 15 s/d 18	Mechanical Tee all Socket ND. 500 x 200 DCI	Unit	109.943	
3	Pas. ACC, Tapping 15 s/d 18	Mechanical Tee all Socket ND. 500 x 250 DCI	Unit	89.713	
4	Pas. ACC, Tapping 15 s/d 18	Mech Tee Socket With Flange Branch ND. 250 x 250 DCI	Unit	56.382	
5	Pas. ACC, Tapping 15 s/d 18	Tee All Flange ND. 500 x 250	Unit	109.943	
	Pas. ACC, Tapping 15 s/d 18	Tee All Flange ND. 250 x 250	Unit	56.382	
7	Pas. ACC, Tapping 15 s/d 18	Tee All Flange ND. 200 x 200	Unit	45.603	
8	Pas. ACC, Tapping 15 s/d 18	Reduscer All Flaneg ND. 500 x 400 DCI	Unit	109.943	
9	Pas. ACC, Tapping 15 s/d 18	Gate Valve ND. 500 mm	Unit	109.943	
10	Pas. ACC, Tapping 15 s/d 18	Gate Valve ND. 400 mm	Unit	89.713	
11	Pas. ACC, Tapping 15 s/d 18	Gate Valve ND. 300 mm	Unit	69.648	
12	Pas. ACC, Tapping 15 s/d 18	Gate Valve ND. 250 mm	Unit	56.382	
13	Pas. ACC, Tapping 15 s/d 18	Gate Valve ND. 200 mm	Unit	45.603	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
14	Pas. ACC, Tapping 15 s/d 18	Gate Valve ND. 150 mm	Unit	17.080	
15	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 500 mm DCI	Unit	109.943	
16	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 400 mm DCI	Unit	89.713	
17	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 300 mm DCI	Unit	69.648	
18	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 300 mm DCI For PVC	Unit	69.648	
19	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 250 mm DCI	Unit	56.382	
20	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 200 mm DCI	Unit	45.603	
21	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 300 mm DCI For PVC	Unit	69.648	
22	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 250 mm DCI For PVC	Unit	56.382	
23	Pas. ACC, Tapping 15 s/d 18	Flange Spigot ND. 200 mm DCI For PVC	Unit	45.603	
24	Pas. ACC, Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND. 400 DCI	Unit	89.713	
25	Pas. ACC, Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND. 300 DCI	Unit	69.648	
26	Pas. ACC, Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND. 200 DCI	Unit	45.603	
27	Pas. ACC, Tapping 15 s/d 18	Mechanical Bend All Sicket 45 Drg ND. 150 DCI	Unit	17.080	
28	Pas. ACC, Tapping 15 s/d 18	Bend All Flange 90 Drg ND. 150 mm DCI	Unit	17.080	
29	Pas. ACC, Tapping 15 s/d 18	Bend Socket Spigot 45 Drg ND. 150 mm PVC	Unit	17.080	
30	Pas. ACC, Tapping 15 s/d 18	Bend All Socket 45 Drg ND. 150 mm PVC	Unit	17.080	
31	Pas. ACC, Tapping 15 s/d 18	Mech Reduce All Socket ND. 400 x 300 mm DCI	Unit	89.713	
32	Pas. ACC, Tapping 15 s/d 18	Loose Flange ND. 500 mm Steel	Unit	1.243.867	
33	Pas. ACC, Tapping 15 s/d 18	Loose Flange ND. 400 mm Steel	Unit	995.127	
34	Pas. ACC, Tapping 15 s/d 18	Repair Socket ND. 250 mm PVC	Unit	56.382	
35	Pas. ACC, Tapping 15 s/d 18	Repair Socket ND. 200 mm PVC	Unit	45.603	
36	Pas. ACC, Tapping 15 s/d 18	Repair Socket ND. 150 mm PVC	Unit	17.080	
37	Pas. ACC, Tapping 15 s/d 18	Repair Socket ND. 50 mm PVC	Unit	7.629	
38	Pas. ACC, Tapping 15 s/d 18	Giboult Join ND. 500 mm DCI	Unit	109.943	
39	Pas. ACC, Tapping 15 s/d 18	Giboult Join ND. 400 mm DCI	Unit	89.713	
	Pas. ACC, Tapping 15 s/d 18	Giboult Join ND. 300 mm DCI	Unit	69.648	
	Pas. ACC, Tapping 15 s/d 18	Giboult Join ND. 250 mm DCI	Unit	56.382	
42	Pas. ACC, Tapping 15 s/d 18	Giboult Join ND. 200 mm DCI	Unit	45.603	
	Pas. ACC, Tapping 15 s/d 18	Box Street Valve Ukuran Besar	Unit	431.149	
	Pas. ACC, Tapping 15 s/d 18	Box Street Valve Ukuran Kecil	Unit	416.391	
	X.12.10. Pekerjaan Pemasangan Acces.	Jalur Pipa			
1	Pek. Pas. Acces. Jalur Pipa	Mechanical Bend 45 Drg All Socket ND. 500 mm DCI	Unit	109.943	
2	Pek. Pas. Acces. Jalur Pipa	Mechanical Bend 22,5 Drg All Socket ND. 500 mm DCI	Unit	109.943	
3	Pek. Pas. Acces. Jalur Pipa	Mechanical Bend 11,25 Drg All Socket ND. 500 mm DCl	Unit	109.943	
4	Pek. Pas. Acces. Jalur Pipa	Mechanical Bend 22,5 Drg All Socket ND. 400 mm DCI	Unit	89.713	
5	Pek. Pas. Acces. Jalur Pipa	Mechanical Bend 11,25 Drg All Socket ND. 400 mm DCI	Unit	89.713	

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
6	Pek. Pas. Acces. Jalur Pipa	Bend All Spigot 11,25 Drg ND 400 mm Steel	Unit	89.713	
7	Pek. Pas. Acces. Jalur Pipa	Bend All Spigot 22,5 Drg ND 400 mm Steel	Unit	89.713	
8	Pek. Pas. Acces. Jalur Pipa	Sleap ND. 500 mm Steel	Unit	89.713	
9	Pek. Pas. Acces. Jalur Pipa	Giboult Join ND. 500 mm DCI	Unit	65.170	
10	Pek. Pas. Acces. Jalur Pipa	Giboult Join ND. 400 mm DCI	Unit	89.713	
11	Pek. Pas. Acces. Jalur Pipa	Pengelasan Pada Bend Steel ND. 400 mm	Unit	3.814	
	X.12.11. Pekerjaan Pemasangan Air Re	elease Valve			
1	Pek. Pas. Air Release Valve	Doubel Air Valve ND. 75 mm	Unit	8.457	
2	Pek. Pas. Air Release Valve	Gate Valve ND. 75 mm	Unit	8.457	
3	Pek. Pas. Air Release Valve	Mech Tee Socket With Flanfe Branch ND. 400 x 75	Unit	89.713	
4	Pek. Pas. Air Release Valve	Flange Spigot ND. 400 mm DCI	Unit	89.713	
5	Pek. Pas. Air Release Valve	Giboult Join ND. 400 mm DCI	Unit	89.713	
6	Pek. Pas. Air Release Valve	Pipa ND. 75 mm Steel	Unit	220.881	
7	Pek. Pas. Air Release Valve	Bent All Flange 90 Drg ND. 75 mm DCI	Unit	8.457	
8	Pek. Pas. Air Release Valve	Loose Flange ND. 75 mm steel	Unit	186.556	
9	Pek. Pas. Air Release Valve	Bak Air Valve Untuk Pipa ND. 400 mm	Unit	5.630.814	
	X.12.12. Pekerjaan Thrust Block Tappi	1		4.4/4.200	
1	Pek. Thrust Block Tapping 15-18	Tee & Gate Valve ND. 500 mm	Unit	4.464.389	
2	Pek. Thrust Block Tapping 15-18	Tee & Gate Valve ND. 400 mm	Unit	2.683.243	
3	Pek. Thrust Block Tapping 15-18	Accessories ND. 300 mm	Unit	688.513	
5	Pek. Thrust Block Tapping 15-18	Accessories ND. 250 mm Accessories ND. 200 mm	Unit	534.460	
	Pek. Thrust Block Tapping 15-18	Accessories ND. 150 mm	Unit Unit	249.569	
6	Pek. Thrust Block Tapping 15-18	Accessories ND. 150 IIIIII	UIIII	208.445	
	X.12.13. Pekerjaan Thrust Block Jalur	Pipa			
1	Pek. Thrust Block Jalur Pipa	Bend ND. 500 mm	Unit	4.464.389	
2	Pek. Thrust Block Jalur Pipa	Bend ND. 400 mm	Unit	2.683.243	
3	Pek. Thrust Block Jalur Pipa	Air Release Valve ND. 400 mm	Unit	607.092	
	X.12.14. Pekerjaan Pengetesan & Penc	gueian Dina			
1	Pengetesan Pipa	ND. 500 mm	Unit	2.819	
2	Pengetesan Pipa Pengetesan Pipa	ND. 400 mm	Unit	2.819	
	ι σηγείτε σαι τ τιμα	1400 IIIII	UIIII	2.100	
	X.12.15. Pekerjaan Pencucian Pipa				
1	Pekerjaan Pencucian Pipa	ND. 500 mm	Unit	2.653	
2	Pekerjaan Pencucian Pipa	ND. 400 mm	Unit	1.824	
	X.12.16. Pekerjaan Lain-lain				
1	Pekerjaan Lain-lain	Test Hole/Pencarian Letak Pipa Existing	Unit	2.081.259	
2	Pekerjaan Lain-lain	Pembersihan Lapangan	Unit	28.224.549	
3	Pekerjaan Lain-lain	Pek. Pancang Tiang Pancang 32-6 m utk. ND. 400 mm	Unit	2.562.355	

NO.		NAMA BARANG		UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.17.	Accessories					
	X.12.17.1.	Singel Air Valve					
1	40.1.10	A	f	1/2"	Buah	411.914	
2	40.1.10	В	f	3/4"	Buah	549.384	
3	40.1.10	С	f	1"	Buah	1.003.915	
4	40.1.10	D	f	1 1/2"	Buah	1.338.720	
5	40.1.10	E	f	2"	Buah	1.896.396	
6	40.1.10	F	f	3"	Buah	2.498.844	
7	40.1.10	G	f	4"	Buah	3.235.115	
	X.12.17.2.	Baut Plend + Mur					
1	40.1.10	A	f	5/8" x 10 cm	Buah	7.296	
2	40.1.10	В	f	3/4" x 8 cm	Buah	14.427	
3	40.1.10	С	f	3/4" x 12 cm	Buah	18.905	
4	40.1.10	D	f	1" x 12 cm	Buah	25.538	
5	40.1.10	E	f	1" x 37 cm	Buah	175.113	
	X.12.17.3.	Blind Flend Steel					
1	40.1.10	A	f	2"	Buah	283.399	
2	40.1.10	В	f	3"	Buah	377.919	
3	40.1.10	С	f	4"	Buah	534.460	
4	40.1.10	D	f	6"	Buah	713.885	
5	40.1.10	Е	f	8"	Buah	1.249.339	
6	40.1.10	F	f	10"	Buah	1.673.359	
7	40.1.10	G	f	12"	Buah	1.896.396	
8	40.1.10	Н	f	14"	Buah	3.235.115	
9	40.1.10	l	f	16"	Buah	3.904.558	
10	40.1.10	J	f	18"	Buah	4.350.798	
11	40.1.10	К	f	20"	Buah	4.797.037	
	X.12.17.4.	Butterfly Valve					
1	40.1.10	A	f	3"	Buah	6.241.886	
	40.1.10	В	f	4"	Buah	8.322.681	
	40.1.10	С	f	6"	Buah	12.383.116	
	40.1.10	D	f	8" (Gear Box)	Buah	29.195.134	
	40.1.10	Е	f	10" (Gear Box)	Buah	36.493.854	
	40.1.10	F	f	12" (Gear Box)	Buah	45.616.795	
7		G	f	14" (Gear Box)	Buah	57.021.368	
8		Н	f	16" (Gear Box)	Buah	64.146.944	
	X.12.17.5.	Bolult Valve (Gear Box) "6"					
1	40.1.10	A		Bell Mount 8"	Buah	1.427.934	
	X.12.17.6.	Check Valve Flend Mark Kitz					
1	40.1.10	A	f	2"	Buah	4.350.798	
2	40.1.10	В	f	3"	Buah	5.912.554	
3	40.1.10	С	f	4"	Buah	14.519.462	
4	40.1.10	D	f	6"	Buah	25.658.711	

NO.		NAMA BARANG		UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
5	40.1.10	E	f	8"	Buah	29.306.570	
6	40.1.10	F	f	9"	Buah	55.439.380	
7	40.1.10	G	f	10"	Buah	98.755.660	
	X.12.17.7.	Dop PVC Merk Wavin					
1	40.1.10	•	t	1/2"	Buah	3.317	
1		A	t I	3/4"			
2	40.1.10 40.1.10	B C	f	1"	Buah Buah	5.473 7.130	
3	40.1.10	D	f	1 1/4"	Buah	9.950	
5	40.1.10	E	f	1 1/2"	Buah	12.437	
	40.1.10	F	f	2"	Buah	72.466	
7	40.1.10	G G	f	3"	Buah	145.927	
8	40.1.10	Н	f	3 4"	Buah	194.680	
	40.1.10	<u>п</u>	f	6"			
9	40.1.10		f	8"	Buah Buah	219.721 250.896	
10	40.1.10	J	I	U	DUdII	230.890	
	X.12.17.8.	Double Air Valve					
1	40.1.10	A	f	3"	Buah	9.739.173	
	X.12.17.9.	Double Naple Kuningan					
1	40.1.10	A	f	1/2"	Buah	36.814	
	X.12.17.10.	Duck Food CI					
1	40.1.10	A	f	3"	Buah	1.896.396	
2	40.1.10	В	f	4"	Buah	2.060.398	
	X.12.17.11.	Elbow Galvanis					
	40.1.10	A	f	1/2" - 45 DGR	Buah	11.608	
2	40.1.10	В	f	3/4" - 90 DGR	Buah	17.412	
	X.12.17.12.	Elbow Last Steel					
1	40.1.10	A	f	2" - 45 DGR	Buah	77.938	
	40.1.10	В	f	2" - 90 DGR	Buah	107.290	
3	40.1.10	С	f	3" - 45 DGR	Buah	211.927	
	40.1.10	D	f	3" - 90 DGR	Buah	276.101	
	40.1.10	E	f	4" - 45 DGR	Buah	250.896	
	40.1.10		f	4" - 90 DGR	Buah	312.087	
7	40.1.10	G	f	6" - 45 DGR	Buah	550.711	
	40.1.10	 H	f	6" - 90 DGR	Buah	724.995	
	40.1.10		f	8" - 45 DGR	Buah	1.149.014	
	40.1.10	J	f	8" - 90 DGR	Buah	1.656.610	
	40.1.10	K	f	10" - 45 DGR	Buah	2.314.776	
	40.1.10	L	f	10" - 90 DGR	Buah	3.221.185	
	40.1.10	M	f	12" - 45 DGR	Buah	3.012.078	
	40.1.10	N	f	12" - 90 DGR	Buah	3.865.423	
	40.1.10	0	f	14" - 45 DGR	Buah	5.243.278	
	40.1.10	P	f	14" - 90 DGR	Buah	6.358.794	
	40.1.10	Q	f	16" - 45 DGR	Buah	10.040.315	
	40.1.10	R	f	16" - 90 DGR	Buah	16.733.914	

NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.17.13.	Elbow All Flend				
1	40.1.10	A	f 4" - 90 DGR	Buah	619.695	
2	40.1.10	В	f 10" - 45 DGR	Buah	3.012.078	
3	40.1.10	С	Elbow All Flend Cl 500 mm (Leaning Mop) 22,50 Djr	Buah	27.856.414	
4	40.1.10	D	Elbow All Flend CI 500 mm (Leaning Mop) 45 Djr	Buah	29.942.681	
5	40.1.10	E	Elbow Lining Steel 500 mm, 45 Djr	Buah	36.571.442	
	X.12.17.14.	Elbow Stainlees				
1	40.1.10	A	f 3" - 45 DGR	Buah	1.941.003	
2	40.1.10	В	f 4" - 45 DGR	Buah	2.564.678	
1	X.12.17.15 . 40.1.10	Elbow/Long Bend PVC	f 2" - 45 DGR	Buah	83.577	
2	40.1.10	В	f 2" - 90 DGR	Buah	94.190	
3	40.1.10	С	f 3" - 11 DGR	Buah	158.696	
4	40.1.10	D	f 3" - 22 DGR	Buah	167.319	
5	40.1.10	E	f 3" - 45 DGR	Buah	180.917	
6	40.1.10	F	f 3" - 90 DGR	Buah	193.189	
7	40.1.10	G	f 4" - 11 DGR	Buah	227.514	
8	40.1.10	Н	f 4" - 22 DGR	Buah	241.942	
9	40.1.10		f 4" - 45 DGR	Buah	260.514	
	40.1.10	J	f 4" - 90 DGR	Buah	273.283	
	40.1.10	K	f 6" - 11 DGR	Buah	644.237	
	40.1.10		f 6" - 22 DGR	Buah	753.352	
	40.1.10	M	f 6" - 45 DGR	Buah	799.616	
	40.1.10	N	f 6" - 90 DGR	Buah	994.961	
	40.1.10	0	f 8" - 11 DGR	Buah	1.008.393	
	40.1.10	Р	f 8" - 22 DGR	Buah	1.154.486	
	40.1.10	0	f 8" - 45 DGR	Buah	1.494.763	
	40.1.10	R	f 8" - 90 DGR	Buah	1.595.254	
	40.1.10	S	f 10" - 22.50 DGR	Buah	1.929.892	
	40.1.10	T	f 10" - 45 DGR	Buah	2.205.662	
	40.1.10	U	f 10" - 90 DGR	Buah	3.160.493	
	40.1.10	V	f 12" - 911.25 DGR	Buah	3.552.010	
	40.1.10	W	f 12" - 22.5 DGR	Buah	3.907.211	
24	40.1.10	X	f 12" - 45 DGR	Buah	4.298.396	
	X.12.17.16.	Elbow/Long Bend PVC	Merk Wavin			
1	40.1.10	A	f 2" - 45 DGR	Buah	83.577	
2	40.1.10	В	f 2" - 90 DGR	Buah	94.190	
3	40.1.10	С	f 3" - 11 DGR	Buah	158.696	
4	40.1.10	D	f 3" - 22 DGR	Buah	167.319	
5	40.1.10	Е	f 3" - 45 DGR	Buah	180.917	
6	40.1.10	F	f 3" - 90 DGR	Buah	193.189	

NO.		NAMA BARANG		UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
7	40.1.10	G	f	4" - 11 DGR	Buah	227.514	
8	40.1.10	Н	f	4" - 22 DGR	Buah	241.942	
9	40.1.10	1	f	4" - 45 DGR	Buah	260.514	
10	40.1.10	J	f	4" - 90 DGR	Buah	273.283	
11	40.1.10	K	f	6" - 11 DGR	Buah	644.237	
12	40.1.10	L	f	6" - 22 DGR	Buah	753.352	
13	40.1.10	M	f	6" - 45 DGR	Buah	799.616	
14	40.1.10	N	f	6" - 90 DGR	Buah	994.961	
15	40.1.10	0	f	8" - 11 DGR	Buah	1.008.393	
16	40.1.10	Р	f	8" - 22 DGR	Buah	1.154.486	
17	40.1.10	Q	f	8" - 45 DGR	Buah	1.494.763	
18	40.1.10	R	f	8" - 90 DGR	Buah	1.595.254	
19	40.1.10	S	f	10" - 11 DGR	Buah	1.929.892	
20	40.1.10	T	f	10" - 22 DGR	Buah	2.205.662	
21	40.1.10	U	f	10" - 45 DGR	Buah	2.342.635	
22	40.1.10	V	f	10" - 90 DGR	Buah	3.160.493	
23	40.1.10	W	f	12" - 11 DGR	Buah	2.573.010	
24	40.1.10	Χ	f	12" - 22 DGR	Buah	3.907.211	
25	40.1.10	Υ	f	12" - 45 DGR	Buah	4.298.396	
26	40.1.10	Z	f	12" - 90 DGR	Buah	4.573.834	
	X.12.17.17.	Flend Bahan Kuningan					
1	40.1.10	A	f	1/2"	Buah	200.982	
2	40.1.10	В	f	3/4"	Buah	267.810	
3	40.1.10	С	f	1"	Buah	357.191	
	X.12.17.18.	Flend Steel (Flend Dess)					
1	40.1.10	A	İ	2"	Buah	144.933	
	40.1.10	В	f	3"	Buah	205.459	
3	40.1.10	С	f	4"	Buah	240.117	
4	40.1.10	D	f	5"	Buah	390.356	
5	40.1.10	E	f	6"	Buah	485.872	
6	40.1.10	F	f	8"	Buah	674.915	
7	40.1.10	G	f	10"	Buah	746.386	
8	40.1.10	H	f	12"	Buah	919.676	
	40.1.10	<u> </u>	f	14"	Buah	1.649.148	
	40.1.10	J	f	16"	Buah	2.120.096	
	40.1.10	K	f	18"	Buah	2.509.955	
	40.1.10		†	20"	Buah	3.904.558	
	40.1.10	M	f	24"	Buah	4.350.798	
14	40.1.10	N	f	25"	Buah	4.797.037	
	X.12.17.19.	Flend Stainlees		0.11	F :	(00 ===	
	40.1.10	A	f	3"	Buah	680.387	
2	40.1.10	В	f	4"	Buah	769.602	
	X.12.17.20.	Flend Adaptor CI		411	F .	7/0 /00	
1	40.1.10	A	f	4"	Buah	769.602	

NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.17.21.	Flend Shock PVC Merk Vinilo	<u> </u> n			
1	40.1.10	A	f 2"	Buah	3.118.705	
2	40.1.10	В	f 3"	Buah	4.558.247	
3	40.1.10	С	f 4"	Buah	6.279.860	
4	40.1.10	D	f 6"	Buah	12.009.509	
5	40.1.10	E	f 8"	Buah	18.712.891	
6	40.1.10	F	f 10"	Buah	32.317.155	
7	40.1.10	G	f 12"	Buah	38.780.586	
	X.12.17.22.	Flend Fice CI				
1	40.1.10	A	f 6"	Buah	1.994.067	
2	40.1.10	В	f 8"	Buah	2.807.116	
3	40.1.10	С	f 10"	Buah	3.507.569	
4	40.1.10	D	f 12"	Buah	4.210.509	
	X.12.17.23.	Flend Hidrant Merk Apron				
1	40.1.10	A	f 3"	Buah	8.143.754	
2	40.1.10	В	f 4"	Buah	9.617.788	
	X.12.17.24.	Flexible Joint				
1	40.1.10	A	f 10"	Buah	9.203.553	
2	40.1.10	В	f 12"	Buah	10.720.370	
	X.12.17.25.	Gate Valve Kitz				
1	40.1.10	A	f 2"	Buah	3.118.705	
2	40.1.10	В	f 3"	Buah	4.558.247	
3	40.1.10	С	f 4"	Buah	6.279.860	
4	40.1.10	D	f 6"	Buah	12.009.509	
5	40.1.10	Е	f 8"	Buah	18.712.891	
6	40.1.10	F	f 10"	Buah	32.317.155	
7	40.1.10	G	f 12"	Buah	38.778.430	
	X.12.17.26.	Giboul Joint				
	40.1.10	A	f 10"	Buah	2.605.139	
2	40.1.10	В	f 12"	Buah	3.104.609	
3	40.1.10	С	f 16"	Buah	6.658.775	
4	40.1.10	D	f 20"	Buah	10.041.310	
	X.12.17.27.	Isolasi				
1	40.1.10	A	Isolasi	Buah	4.477	
	X.12.17.28.	Karet Paking				
1	40.1.10	A	Tebal 55 mm	Buah	412.246	
	X.12.17.29.	Knie PVC Merk Maspion SII				
	40.1.10	A	f 1/2"	Buah	5.639	
	40.1.10	В	f 3/4"	Buah	9.950	
3	40.1.10	С	f 1"	Buah	16.583	

NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
4	40.1.10	D	f 1 1/2"	Buah	27.859	
5	40.1.10	E	f 2"	Buah	54.723	
6	40.1.10	F	f 3"	Buah	206.122	
7	40.1.10	G	f 4"	Buah	351.718	
8	40.1.10	Н	f 6"	Buah	435.129	
	X.12.17.30	Knie PVC Merk Wavin SII				
	40.1.10	A	f 1/2"	Buah	5.639	
	40.1.10	В	f 3/4"	Buah	9.950	
	40.1.10	С	f 1"	Buah	16.583	
	40.1.10	D	f 1 1/2"	Buah	27.859	
	40.1.10	E	f 2"	Buah	54.723	
	40.1.10	F	f 3"	Buah	206.122	
	40.1.10	G	f 4"	Buah	351.718	
8	40.1.10	Н	f 6"	Buah	435.129	
	X.12.17.31	Knie Galvanis				
1	40.1.10	A	f 1/2"	Buah	8.457	
2	40.1.10	В	f 3/4"	Buah	12.272	
3	40.1.10	С	f 1"	Buah	18.905	
4	40.1.10	D	f 1 1/4"	Buah	25.538	
	X.12.17.32	Krangan Asahi				
1	40.1.10	A	f 1/2"	Buah	86.396	
	X.12.17.33	Klam Sadle Galvanis				
1			£ 2" 2/4"	Duch	211 027	
	40.1.10	A	1 3 - 3/4	Buah	211.927	
2	40.1.10	В	f 10" x 3/4"	Buah	780.878	
	X.12.17.34	Klam Sadle PVC Merk Wav	in SII			
1	40.1.10	A	f 2" x 1/2"	Buah	66.331	
2	40.1.10	В	f 3" x 1/2"	Buah	79.597	
	40.1.10	С	f 4" x 1/2"	Buah	95.516	
	X.12.17.35	Lem				
	40.1.10	A	Lem PVC	Liter	262.007	
		·			232.007	
	X.12.17.36	Mekanikal Joint				
	40.1.10	A	f 3"	Buah	4.350.798	
	40.1.10	В	f 4"	Buah	5.243.278	
	40.1.10	С	f 6"	Buah	6.470.396	
	40.1.10	D	f 8"	Buah	7.139.838	
	40.1.10	E	f 10"	Buah	8.255.355	
	40.1.10	 F	f 12"	Buah	9.594.075	
	40.1.10	G	f 14"	Buah	10.821.193	
	40.1.10	Н	f 16"	Buah	13.933.873	
	40.1.10		f 20"	Buah	15.953.035	
	40.1.10		f 24"	Buah	17.068.552	

NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.17.37	Revering Shocket PVC Vinilon	SII			
1	40.1.10	Α	f 2"	Buah	62.682	
	40.1.10	В	f 3"	Buah	87.888	
3	40.1.10	С	f 4"	Buah	151.234	
	40.1.10	D	f 6"	Buah	246.916	
	40.1.10	E	f 8"	Buah	564.143	
6	40.1.10	 F	f 10"	Buah	955.660	
7	40.1.10	G	f 12"	Buah	1.513.004	
	X.12.17.38.	Redusser PVC Merk Wavin				
1	40.1.10	A	f 1 1/2" - 1"	Buah	57.873	
2	40.1.10	В	f 2" - 1/2"	Buah	107.125	
	40.1.10	С	f 3" - 1 1/2"	Buah	172.128	
4	40.1.10	D	f 4" - 2"	Buah	245.258	
	40.1.10	E	f 4" - 3"	Buah	256.534	
	40.1.10	F	f 6" - 2"	Buah	458.180	
7	40.1.10	G	f 6" - 3"	Buah	526.832	
	40.1.10	H	f 6" - 4"	Buah	632.298	
9	40.1.10		f 8" - 4"	Buah	1.104.407	
	40.1.10	J	f 8" - 6"	Buah	1.171.235	
	40.1.10	K	f 10" - 6"	Buah	1.271.725	
	40.1.10	L	f 10" - 8"	Buah	1.389.629	
	40.1.10	M	f 12" - 8"	Buah	2.699.661	
	40.1.10	N	f 12" - 10"	Buah	3.040.600	
	X.12.17.39.	Redusser PVC Merk Maspion S	SII			
1	40.1.10	A	f 8" - 3"	Buah	859.978	
	X.12.17.40.	Redusser Flend Steel/ CI				
1	40.1.10	A	f 10" - 8"	Buah	2.565.838	
	40.1.10	В	f 12" - 10"	Buah	3.012.078	
	X.12.17.41.	Redusser Galvanis Drat Dalam				
1	40.1.10	A	f 3/4" - 1/2"	Buah	10.613	
	X.12.17.42.	Redusser Stainlees				
1	40.1.10	A	f 4" - 3"	Buah	2.119.598	
	X.12.17.43.	Redusser All Flend PVC				
1	40.1.10	A	f 3" - 2"	Buah	714.714	
	X.12.17.44.	Redusser Cl Dari Asbes Ke PV	C			
1	40.1.10	A	f 8" - 8"	Buah	1.003.915	
	X.12.17.45.	Resister PVC				
1	40.1.10	A	f 1/2"	Buah	173.952	
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NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.17.46.	Stop Kran Merk Kit Jepang				
1	40.1.10	A	f 1/2"	Buah	232.821	
2	40.1.10	В	f 3/4"	Buah	279.418	
3	40.1.10	С	f 1"	Buah	388.035	
4	40.1.10	D	f 1 1/4"	Buah	465.642	
5	40.1.10	Е	f 1 1/2"	Buah	628.318	
6	40.1.10	F	f 2"	Buah	1.241.877	
7	40.1.10	G	f 3"	Buah	1.614.324	
8	40.1.10	Н	f 4"	Buah	2.098.704	
	X.12.17.47.	Stop Kran Toko One Way				
1	40.1.10	A	f 1/2"	Buah	117.074	
	X.12.17.48.	Street Box Besar				
	40.1.10	A Besal	Street Box Besar	Buah	368.136	
-	40.1.10	A	Street box besar	Dudii	300.130	
	X.12.17.49.	Stop Kran Toko One Way				
1	40.1.10	A	Street Box Kecil	Buah	161.847	
	V 40 47 70					
	X.12.17.50.	Tee Galvanis				
1	40.1.10	A	f 1/2" - 1/2"	Buah	9.950	
	X.12.17.51.	Tee All Flend Steel/ Cl				
1	40.1.10	A	f 6" - 6"	Buah	1.673.359	
2	40.1.10	В	f 8" - 3"	Buah	278.754	
3	40.1.10	С	f 8" - 6"	Buah	3.235.115	
4	40.1.10	D	f 8" - 8"	Buah	3.904.558	
5	40.1.10	E	f 10" - 6"	Buah	4.797.037	
6	40.1.10	F	f 10" - 10"	Buah	5.466.315	
7	40.1.10	G	f 12" - 4"	Buah	4.797.037	
	X.12.17.52.	Tee Shock Merk Wavin				
1	40.1.10	A	f 6" - 2"	Buah	1.849.466	
2	40.1.10	В	f 8" - 3"	Buah	2.219.426	
3	40.1.10	С	f 10" - 6"	Buah	3.235.115	
4	40.1.10	D	f 12" - 12"	Buah	4.797.037	
	X.12.17.53.	Tee Shock Flend PCV Merk W	/avin			
1	40.1.10	A	f 6" - 2"	Buah	2.762.177	
	X.12.17.54.	Tee Shock Spigot PCV Merk \	Wavin			
1	40.1.10	A	f 10" - 10"	Buah	3.075.590	
	X.12.17.55.	Tee Shock PVC Merk Wavin				
	40.1.10	A	f 2" - 2"	Buah	521.525	
	40.1.10	В	f 3" - 2"	Buah	820.843	
	40.1.10	С	f 3" - 3"	Buah	903.092	
	40.1.10	D	f 4" - 2"	Buah	917.851	
	40.1.10	E	f 4" - 3"	Buah	963.620	

NO.		NAMA BARANG		UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
6	40.1.10	F	f	4" - 4"	Buah	1.166.592	
7	40.1.10	G	f	6" - 2"	Buah	1.849.466	
8	40.1.10	Н	f	6" - 3"	Buah	2.402.664	
9	40.1.10		f	6" - 4"	Buah	2.522.889	
10	40.1.10	J	f	6" - 6"	Buah	2.582.753	
11	40.1.10	K	f	8" - 3"	Buah	2.219.426	
12	40.1.10	L	f	8" - 6"	Buah	3.020.038	
13	40.1.10	M	f	10" - 10"	Buah	4.149.981	
	X.12.17.56.	Pipa PVC Merk Wavin					
1	40.1.10	A	f	1/2"	Batang	45.603	
2	40.1.10	В	f	3/4"	Batang	74.954	
3	40.1.10	С	f	1"	Batang	93.029	
4	40.1.10	D	f	1 1/4"	Batang	106.959	
5	40.1.10	Е	f	1 1/2"	Batang	172.791	
6	40.1.10	F	f	2"	Batang	221.877	
7	40.1.10	G	f	3"	Batang	460.004	
8	40.1.10	Н	f	4"	Batang	664.965	
9	40.1.10	1	f	6"	Batang	1.341.207	
10	40.1.10	J	f	8"	Batang	2.385.584	
11	40.1.10	K	f	10"	Batang	4.552.609	
12	40.1.10	L	f	12"	Batang	5.875.575	
	X.12.17.57.	Pipa PVC Merk Maspion					
1	40.1.10	Α	f	1/2"	Batang	61.356	
2	40.1.10	В	f	3/4"	Batang	85.898	
3	40.1.10	С	f	1"	Batang	108.285	
4	40.1.10	D	f	1 1/4"	Batang	118.235	
5	40.1.10	E	f	1 1/2"	Batang	172.791	
6	40.1.10	F	f	2"	Batang	221.877	
7	40.1.10	G	f	3"	Batang	460.004	
8	40.1.10	Н	f	4"	Batang	664.965	
9	40.1.10	1	f	6"	Batang	1.341.207	
10	40.1.10	J	f	8"	Batang	2.385.584	
11	40.1.10	K	f	10"	Batang	4.552.609	
12	40.1.10	L	f	12"	Batang	5.875.575	
_	V 10 17 E0	Dina Calvania Tuna Liaht					
1	X.12.17.58.	Pipa Galvanis Type Light	f	1"	Datana	204 052	
1	40.1.10	A	I	I	Batang	206.952	
	X.12.17.59.	Pipa Schedule					
	40.1.10	A	f	2"	Batang	1.372.051	
-	40.1.10	В	f	3"	Batang	2.546.270	
-	40.1.10	С	f	4"	Batang	3.527.965	
	40.1.10	D	f	6"	Batang	5.997.624	
	40.1.10	Е	f	8"	Batang	10.461.515	
-	40.1.10	F	f	10"	Batang	14.633.717	
7	40.1.10	G	f	12"	Batang	16.735.074	

NO.		NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
	X.12.17.60.	Tutup Pengaman (Bak Meter)				
	40.1.10	Α	Tutup Pengaman (Bak Meter)	Buah	236.303	
	X.12.17.61.	Water Meter Merk Linflow				
1	40.1.10	A	f 1/2"	Buah	486.702	
2	40.1.10	В	f 3/4"	Buah	1.450.155	
3	40.1.10	С	f 1"	Buah	3.012.078	
4	40.1.10	D	f 1 1/2"	Buah	4.905.489	
5	40.1.10	E	f 2"	Buah	9.246.502	
	X.12.17.62.	Polikent Besar				
1	40.1.10	Α	Polikent	Roll	2.064.047	
	X.12.17.63.	Segel Plastik Warna Biru				
	40.1.10	A	f 1/2"	Buah	19.070	
	X.12.17.64.	Segel Plastik Warna Merah				
	40.1.10	A	f 1/2"	Buah	19.899	
-	40.1.10		1 1/2	Duan	17.077	
	X.12.18.	Bahan Kimia Dan Laboratoriu	m			
	X.12.18.1.	Bahan Kimia Cair				
1	Ammonium Hy	ydroxide 30%	9733-01	Liter	4.948.272	JT Baker
2	Accetic Acid		96%	Liter	715.377	JT Baker
3	Acceton		9.002 - 03	Liter	715.377	JT Baker
4	Chloroform		9180 - 03	Liter	742.240	JT Baker
5	Ethanol Absol	ute	9000 - 03	Liter	390.854	JT Baker
6	Glycerol Anyh	ydrous	2136 - 01	Liter	1.075.885	JT Baker
7	Hydroclonie ad	cid	9535 - 03	Liter	678.065	JT Baker
8	Isobutyl Alkoh	ol	9044 - 03	Liter	1.307.213	JT Baker
9	Nitric Acid		65%	Liter	548.057	Merck
10	Ortho Pospori	c Acid		Liter	5.510.922	Merck
11	Petrolium Ben	zena		Liter	6.961.243	Merck
12	Petrolium Enth	ner		Liter	4.819.258	Merck
13	Sulfuric Acid		97%	Liter	2.543.452	Merck
	V 12 10 2	Dahan Kimia Dadat				
	X.12.18.2.	Bahan Kimia Padat		V a	F 070	
	Alumunium St	· · · · · · · · · · · · · · · · · · ·	101 145	Kg	5.970	Marak
	Alumunium Ch		101.145	Kg	2.688.550	Merck
	Amonium Cnic		0660.01 39.720.500	Kg Gram	6.442.702 13.266	JT Baker Merck
	Amonium Iron		37.720.300	Gram	4.975	Merck
	Amonium Ace			Kg	1.916.792	Merck
	Antracite	laic	0.9 mm	Liter	72.466	Merck
	Antracite		0.6 mm	Liter	72.466	Merck
	Antracite		1.05 mm	Liter	75.285	Merck
	Antracite		1.25 mm	Liter	75.285	Merck
	Asam Sulfat		100.731	Liter	604.770	Merck
	Arsenic Ferro	Citido	1.190.100	Liter	52.070	Merck

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
13	Barium Chlorida	0970-01	Gram	3.150	JT Baker
14	Bartituric Acid	132	Gram	320.377	JT Baker
15	Calcium Carbonat	1.020 66	Gram	4.809	Merck
16	Choramine - T	E494 - 06	Gram	14.095	JT Baker
17	Copper Sulfate	2790	Gram	22.552	JT Baker
18	Disodium Hydrogen Phospate	6580	Kg	8.299.963	Merck
19	Etryline Diamine Tetraacetite		Gram	6.633	Merck
20	Gas Chlor		Kg	23.879	
21	Hcl Cat		Liter	429.989	Merck
22	Hydroxyl Amonium Sulfat		Gram	10.779	JT Baker
23	Iron Solution		ml	2.985	Merck
24	Kaporit		Kg	33.000	
25	Kapur Gamping Bongkah			2.487	
26	Lead Acetate	2271-01	Gram	4.146	JT Baker
27	Magnesium Chloride		Gram	5.639	Merck
28	Mangan Sulfate	2550-01	Gram	4.312	JT Baker
29	Mangan Solution	1.197.890.500	ml	2.985	Merck
30	Marble Groin	1-3 mm	Kg	4.283.804	Merck
31	Mercury Bromide	4421	Gram	246.419	Merck
32	Mercury Lodide	4428	Gram	144.933	Merck
33	Mercury Sultate	4480	Gram	168.148	Merck
34	Oxalie Acid	495	Gram	15.919	Merck
35	Pasir Silica	Mess 1-13 mm	Kg	4.146	
36	Pottosium Chloride	3040-01	Gram	5.473	JT Baker
37	Pottosium Dichromate	3090-01	Gram	7.462	JT Baker
38	Pottosium Dihydrogen Phospate	104.813	Kg	1.513.170	Merck
39	Pottosium Fluoride	3123-01	Gram	6.965	JT Baker
40	Pottosium Hydroxide	3140-01	Kg	4.640.829	JT Baker
41	Pottosium Permanganat		Gram	8.126	Merck
42	Pottosium Peroxodisulfate		Kg	5.890.334	Merck
43	Pottosium Thio Cyante	5125	Kg	9.371.038	Merck
44	Pottosiummiodide	5043	Kg	9.371.038	Merck
45	Silver Nitrate	3426-00	Gram	368.136	Merck
46	Sodium Acetate		Kg	3.995.335	JT Baker
47	Sodium Arsenite	3468-04	Gram	63.180	JT Baker
48	Sodium Chloride	3624-01	Gram	2.985	JT Baker
49	Sodium Dihydrogen Fosfate	6346	Gram	18.739	JT Baker
50	Sodium Fluoride		Gram	28.854	Merck
51	Sodium Hydroxide		Gram	1.161	Merck
52	Sodium Sultate		Kg	592.167	Merck
53	Sodium Sulfide	3922-01	Gram	3.649	JT Baker
54	Sodium Thio Sulfate	3946-01	Gram	19.070	JT Baker
55	Sodium Nitroprosside Dihydrate		Gram	110.109	Merck
56	Stanus Chloride	3980-01	Gram	18.739	JT Baker
57	Tartaric Acid	4101-01	Gram	13.763	JT Baker
58	Trisodium Citrate Dehydrate		Kg	1.710.836	Merck
59	Tymol Glue Indikator	V.856-02	Gram	409.924	JT Baker

NO.	NAMA BARANG	UKURAN/TIPE	SATUAN	HARGA (RP)	MERK
60	Xilinol Orange	X-584-01	Gram	734.778	JT Baker
61	Zink Sulfate	4382-01	Kg	3.845.192	JT Baker

WALIKOTA BALIKPAPAN

M. RIZAL EFFENDI