

DAFTAR SATUAN UPAH TENAGA, BAHAN, DAN PERALATAN

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
I. STANDART UPAH TENAGA			
L.001	Mandor	OH	225.000
L.002	Kepala tukang	OH	210.000
L.004	Kepala tukang listrik	OH	210.000
L.005	Tukang	OH	200.000
L.006	Tukang batu	OH	200.000
L.007	Tukang besi	OH	200.000
L.008	Tukang besi konstruksi	OH	200.000
L.009	Tukang cat	OH	200.000
L.010	Tukang kayu	OH	200.000
L.011	Tukang las biasa	OH	200.000
L.012	Tukang las konstruksi	OH	200.000
L.013	Tukang aluminium/kaca	OH	200.000
L.014	Tukang listrik	OH	200.000
L.015	Pembantu tukang listrik	OH	160.000
L.016	Pekerja	OH	160.000
L.017	Operator Terampil	OH	160.000
L.018	Operator Semi Terampil	OH	160.000
L.019	Pembantu Operator	OH	160.000
L.020	Sopir Terampil	OH	200.000
L.021	Pembantu Sopir	OH	180.000
L.022	Mekanik Terampil	OH	200.000
L.023	Pembantu Mekanik	OH	180.000
II. BAHAN MATERIAL			
A BAHAN PEREKAT			
1	Mortar siap pakai	kg	5.513
2	Mortar Perekat	zak	131.448
3	Mortar Plaster	zak	124.146
4	Mortar Aci	kg	3.964
5	Semen Portland @50kg	zak	105.000
6	Semen Portland per kg	kg	2.099
7	Semen warna	kg	36.967
8	Dempul	Kg	45.131
9	Membran Bakar	rol	1.270.668
10	Lem Kayu 800 gr	kg	71.669
11	Lem Fox	kg	71.671
12	Lem Pipa	kg	120.494
13	Super Plastizier	kg	51.119
B BAHAN BATU / MATERIAL ALAM			
1	Batu Gunung	m ³	822.662
2	Batu belah	m ³	833.607
3	Batu kali	m ³	653.122
4	Kerikil	m ³	613.241
5	Kerikil per kg	kg	455
6	Koral beton	m ³	467.443
7	Batu Pecah 0,5 - 1 Cm (Crusher)	m ³	1.277.306
8	Batu Pecah 1 - 2 Cm (Crusher)	m ³	1.277.306
9	Batu Pecah 2 - 3 Cm (Crusher)	m ³	1.230.933
10	Batu Pecah 3 - 5 Cm (Crusher)	m ³	1.052.489
11	Abu Batu	kg	1.855
12	Bata merah	bh	1.212
13	Bata ringan tebal 10cm	bh	22.125
C BAHAN BETON PRACETAK			
1	Roster Beton	bh	14.605
2	Material Tiang Pancang 30x30 Bottom @6m'	btg	4.232.640
3	Material Tiang Pancang 30x30 Upper @6m'	btg	4.232.640
4	Upah Pemancangan	m'	118.669
5	Upah Potong Kepala Tiang Pancang	ttk	100.413
6	Pipa Beton D=60cm	m'	248.292
7	Pipa Beton D=80cm	m'	365.135
8	Pipa Beton D=100cm	m'	481.978
9	U-Ditch 100x100x120 + Cover Beton t=15mm	bh	4.199.632
10	U-Ditch 80x100x120 + Cover Beton t=15mm	bh	3.360.991
11	U-Ditch 60x60+Penutup	bh	1.353.714
D PASIR DAN TANAH / MATERIAL ALAM			

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
	1 Pasir beton	m ³	514.986
	2 Pasir beton /kg	kg	368
	3 Pasir pasang	m ³	402.378
	4 Pasir urug	m ³	243.472
	5 Tanah urug	m ³	173.950
	6 Timbunan Pilihan	m ³	382.223
	7 Sirtu	m ³	243.472
	8 Tanah subur	m ³	138.751
	-		-
E	BAHAN LANTAI		-
	1 Ubin Pemandu 30 cm x 30 cm	bh	21.908
	2 Homogeneous Tile 40 cm x 40 cm	dos	149.379
	3 Homogeneous Tile 30 cm x 60 cm	dos	219.081
	4 Homogeneous Tile 30 cm x 60 cm per bh	bh	43.816
	5 Keramik 25 cm x 25 cm	dos	73.662
	6 Keramik 50 cm x 50 cm	dos	91.576
	7 Keramik 30 cm x 30 cm	dos	80.154
	8 Keramik 25 cm x 50 cm	dos	94.935
	9 Keramik 10 cm x 50 cm	bh	12.415
	10 Paving block K-300 natural tebal 8 cm	m ²	122.043
	11 Gress Block 40x40 t=8mm	bh	51.119
	12 Stepnosing 5 cm x 50 cm	bh	26.290
	13 Guiding block 30x30	bh	18.415
	-		-
F	BESI DAN ALUMINIUM		-
	1 Pintu Folding Door (Baja)	m ²	949.350
	2 Jendela naco	set	227.736
	3 Besi beton (polos/ulir)	kg	19.717
	4 Besi beton polos (Wiremesh)	kg	23.851
	5 Baja Profil	kg	17.526
	6 Plat baja T=10 mm	kg	17.526
	7 Baja Siku L 30.30.3	btg	131.448
	8 Baja Siku L 30.30.3 per m1	m1	48.928
	9 Plat baja	kg	17.526
	10 Baja Siku 3mm	btg	131.448
	11 Baja Siku 5mm	btg	292.108
	12 Baja UNP 10	btg	715.664
	13 Baja UNP 8	btg	569.610
	14 Baja UNP 6	btg	474.675
	15 Baja Square Tube	btg	357.540
	16 Baja hollow 40.40.2 mm	btg	305.252
	17 Besi pelat strip	btg	81.060
	18 Baja hollow 40.40.2 mm	btg	305.252
	19 Baja hollow 40.40.2 mm per m1	m1	50.875
	20 Baja hollow 30.30 mm.	m1	50.875
	21 Baja Ringan Hollow 40 x 40 mm	btg	57.399
	22 Baja Ringan Hollow 40 x 40 mm .	m1	14.350
	22 Baja Ringan Hollow 20 x 40 mm	btg	50.827
	23 Baja Ringan Hollow 20 x 40 mm .	m1	12.707
	23 Kanal metal C 75/75 Setara "TASO"	btg	140.416
	24 Reng 0,45 Panjang 6 M Setara "TASO"	btg	86.450
	25 Profile Aluminium	btg	511.188
	26 Profile Aluminium per m1	m1	85.198
	27 Besi lis kaca (1 x 1) cm	btg	138.021
	28 Kusen Alumunium Putih	m'	132.086
	29 Kusen Alumunium Coklat	m'	132.086
	30 Bingkai Daun Jendela Alumunium Putih	m'	100.203
	31 Bingkai Daun Jendela Alumunium Coklat	m'	104.759
	32 Pelat alluminium strip	m'	108.446
	33 ACP (Corrugated)	Lbr	1.484.405
	34 ACP (Corrugated).	m2	515.418
	35 Pengadaan Dan Pemasangan Papan Nama Gedung	bh	5.477.018
	36 Pelat Boundect t=0,75	m2	197.173
	37 Rod drat eiser Ø 4 mm	kg	87.632
	38 Ram kawat	m2	21.178
	39 Kawat Putih 4mm	kg	87.632
	40 Kawat Beton	Kg	36.646
	41 Kawat jaring Harmonika	m	46.737
	42 Kawat las	Kg	40.895
	43 Kawat las listrik	Kg	40.895
	44 Baut + Mur 14	bh	5.550

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
45	Baut + Mur 17	bh	9.493
46	Baut + Mur 19	bh	12.561
47	Paku sekrup 3cm (Gypsum)	kg	35.783
48	Paku 2"-3"	kg	36.513
49	Paku 2"-5"	kg	43.816
50	Paku 5 cm – 12 cm	kg	36.513
51	Paku biasa	kg	36.513
52	Paku Teriplek	kg	43.816
53	Paku Seng	kg	73.027
54	Paku Beton	dos	80.330
55	Paku Ramset	dos	240.989
56	Paku Ramset '	bh	2.411
57	Paku/skrup 5 cm	kg	35.053
58	Paku/skrup 10 cm	kg	35.053
59	Sign/Rambu	bh	511.188
60	sign Age (Acrylic)	bh	115.018
61	Skrup fixer	bh	1.753
62	Profil kaca	m2	244.640
63	Screw	bh	1.753
64	Perforated plate Expanded Mesh GM-50075	m2	48.198
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G	BAHAN KAYU		-
1	Perancah Kayu	m ³	4.162.534
2	Dolken kayu dia 6	Btg	45.277
3	Dolken kayu Ø 8 -10 / 400 cm	Btg	21.168
4	Bambu diameter 6-8/600cm	Btg	40.895
5	Kayu Kelas I	m ³	17.727.137
6	Balok Kayu Kelas I	m ³	17.727.137
7	Papan Kayu Kelas I	m ³	17.727.137
8	Kayu kelas II	m ³	6.741.260
9	Balok kayu kelas II	m ³	6.741.260
10	Papan kayu kelas II	m ³	6.741.260
11	Kayu kelas III	m ³	5.322.932
12	Balok Kayu 5/7 kelas III	m ³	5.322.932
13	Papan Kayu kelas III	m ³	5.322.932
14	Kayu balok kls IV	m ³	5.322.932
15	Kayu papan 3/20	m ³	5.322.932
16	Kayu balok 5/7	m ³	5.322.932
17	Kayu balok 2/3	m ³	5.322.932
18	Kayu balok 3/4	m ³	5.322.932
19	Penjaga jarak bekisting/spacer	bh	51.119
20	Plywood 3 mm	lbr	87.268
21	Plywood 4 mm	lbr	109.424
22	Plywood 6 mm	lbr	123.022
23	Plywood 9 mm	lbr	170.562
24	Plywood 12 mm	lbr	217.620
25	HPL	lbr	525.794
26	Rockwall	m ²	249.205
27	Tali ijuk	m ³	146.054
28	Formika	lbr	335.924
29	Pekerjaan 1 m3 kayu kelas II	m ³	8.699.728
30	Pekerjaan Dolken kayu	bh	18.161
31	Pekerjaan Kayu kelas III	m ³	3.780.381
32	Pekerjaan Balok kayu kelas II	m ³	6.433.353
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H	BAHAN LANGIT-LANGIT		-
1	Gypsum board 120 x 240, tebal 9 mm	lbr	124.307
2	Plafond PVC	m2	219.081
3	List Profil Kayu 0,03 x 0,03 x 4 M	btg	116.843
4	List Flafond Gypsum	m'	14.605
5	List PVC 5cm	m'	28.298
6	Plaster Gypsum	roll	22.200
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I	BAHAN ATAP		-
1	Spandek Zincaumn Trimdek t= 0,35mm @3m'	lbr	558.218
2	Spandek Zincaumn Trimdek t= 0,35mm per m2	m2	223.162
3	Solar Tuff Polycarbonate Trimdex 860x1800x0,8mm	lbr	1.586.451
4	Solar Tuff Polycarbonate Trimdex (per meter)	m2	1.023.060
5	Seng pelat	lbr	204.475
6	Seng gelombang	lbr	175.265
7	Nok Spandek 45 cm, 0,30	M'	51.645

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	8 Talang Air Plastik P = 4 M	btg	144.901
	9 Aluminium foil t=4mm (1,2x25)m	roll	1.022.377
	10 Aluminium foil t=4mm (per m2)	m ²	34.079
	11 Glasswool t=4cm (1.35x25)m	roll	2.555.942
	12 Glasswool t=4cm (per m2)	m2	70.999
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J	BAHAN CAT		-
	1 Meni 1 Kg	kg	77.671
	2 Meni besi	kg	66.162
	3 Cat Seng/Genteng 4 Kg	kg	233.745
	4 Plamur Kayu Kucing	kg	146.200
	5 Cat dasar	kg	54.416
	6 Cat penutup	kg	43.816
	7 Cat Kayu	kg	94.935
	8 Bahan Anti Rayap	Kg/ltr	278.569
	9 Minyak Cat	kg	102.384
	10 Politur	ltr	-
	11 Politur jadi	ltr	-
	12 Residu atau ter	ltr	-
	13 Vernis	ltr	-
	14 Wood filler	Kg	-
	15 Woodstain	Kg	-
	16 Sanding	Kg	-
	17 Melamic	Kg	-
	18 Thinner	ltr	35.783
	19 Plamur Tembok	kg	14.563
	20 Cat Dasar Tembok	kg	39.435
	21 Cat Tembok Luar	kg	85.792
	22 Cat Tembok Dalam	kg	87.545
	23 Cat Water Proofing 2,5 Ltr	klg	402.481
	24 Ter Residu 1 Kg	kg	86.960
	25 Kalkarium	Kg	-
	26 Kuas	bh	21.908
	27 Kuas 1"	Bh	8.165
	28 Kuas 2,5"	Bh	17.526
	29 Kuas 3"	Bh	21.908
	30 Kertas Gosok (Amplas)	lbr	18.476
	31 Papan nama stainless steel	Bh	3.702.147
	-		-
K	BAHAN KACA		-
	1 Kaca polos tebal 3 mm	m ²	203.161
	2 Kaca polos tebal 5 mm	m ²	248.686
	3 Kaca polos tebal 8 mm	m ²	-
	4 Kaca Buram 12 mm	m ²	-
	5 Kaca Tempered 12 mm	m ²	2.190.807
	6 Kaca Tempered 10 mm	m ²	-
	7 Kaca warna tebal 3 mm	m ²	237.337
	8 Kaca warna tebal 5 mm	m ²	238.068
	9 Kaca Cermin tebal 5 mm	m ²	202.329
	10 Kaca Cermin tebal 8 mm	m ²	-
	11 Wireglassed 5 mm	m ²	-
	12 Kaca Patri 5 mm	m ²	-
	13 Glass Block	bh	40.165
	14 Sealant	tube	51.119
	15 Sticker Kaca	m ²	36.513
	-		-
L	BAHAN AKSESORIS PINTU DAN JENDELA		-
	1 Handrail Vynil	m'	-
	2 Kunci Pintu Stainless	set	365.135
	3 Kunci tanam antik	bh	511.188
	4 Kunci tanam	bh	377.185
	5 Kunci Pintu Geser	bh	262.897
	6 Kunci tanam kamar mandi	bh	-
	7 Kunci slot	bh	94.935
	8 Kunci Lemari	bh	26.655
	9 Patch Fitting Pintu kaca PT-10, PT20, US-10	set	1.789.159
	10 Handle pintu stainless	set	292.663
	11 Handle Pintu Geser	bh	94.935
	12 Handle pintu kaca stainless	bh	292.663
	13 Grendel Pintu	bh	67.068
	14 Engsel Pintu	bh	65.724

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
	15 Engsel Fitting Pintu kaca PT-30	bh	328.621
	16 Floor Hinges	bh	1.716.132
	17 Rel Pintu Geser	bh	438.161
	18 Door Closer	bh	255.063
	19 Door Holder	bh	182.189
	20 Door Stop	bh	63.766
	21 Engsel Jendela	bh	51.119
	22 Engsel Angin	bh	124.146
	23 Grendel Jendela	bh	43.816
	24 Spring Knip	bh	80.330
	25 Hak Angin	bh	65.724
	26 Kait Angin	bh	12.269
	27 HVAC Ventilasi 40x20	bh	365.135
	28 Engsel Kupu kupu	bh	51.119
			-
M	BAHAN PORSELIN DAN SANITAIR		-
	1 Kloset Duduk	Bh	3.274.299
	2 Kloset Jongkok	Bh	783.723
	3 Wastafel	bh	1.081.560
	4 Wastafel Lengkap	set	2.558.963
	5 Wastafel Stainless + Afur	set	219.081
	6 Bak Air Panel Fiber Kap. 1,2 M3	Bh	5.111.884
	7 Bak Glass Reinforced Panel	m3	4.155.521
	8 Floor Drain "Plastik"	Bh	29.503
	9 Floor Drain Stainless 3"	Bh	219.081
	10 Roof Drain Stainless 4"	Bh	215.589
	11 Clean Out 3"	Bh	171.259
	12 Waterdrain	Bh	365.135
	13 Stop Kran 1/2 " Biasa	Bh	138.751
	14 Stop Kran 3/4 " Biasa	Bh	27.168
	15 Kran Air Double + Shower	Bh	547.702
	16 Kran Air Shower	Bh	365.135
	17 Kran Air Wastafle	Bh	353.451
	18 Jet Washer	Bh	313.964
	19 Seal Tape	Bh	7.595
	20 Flushung Head	bh	122.809
			-
N	BAHAN TAMBAH		-
	1 Air	ltr	74
	2 Zat additive beton	ltr	109.540
	3 Soda Api	kg	22.226
	4 Sabun	kg	15.875
	5 Teak oil	ltr	17.145
	6 Minyak bekisting	ltr	29.211
	7 Minyak Pelumas	ltr	43.816
	8 Minyak Flux	ltr	5.550
	9 Minyak Tanah (industri)	ltr	22.054
	10 Solar	ltr	15.628
	11 Storox 100	ltr	87.632
			-
O	BAHAN AKSESORIES		-
	1 Venetions blinds dan vertical blinds (tirai)	m²	285.901
	2 Wall paper	m²	73.027
	3 Papan Merka / Rambu (Bahan Aluminium)	bh	175.265
	4 Pengadaan Bak Sampah 1 x 3	Set	1.752.646
	5 Pengadaan Bak Sampah 1 x 2	Set	1.095.404
	6 Perforated plate Expanded Mesh GM-50075	m²	73.027
			-
P	BAHAN K3		-
	1 Topi Pelindung (Safety Helmet)	Bh	36.513
	2 Pelindung Mata (Goggles,Spectacles)	Psg	36.513
	3 Tameng Muka (Face Shield)	Bh	109.540
	4 Pelindung Pernapasan dan Mulut (Masker)	box	109.540
	5 Sarung Tangan (Safety Glose)	Psg	13.145
	6 Sepatu Keselamatan (Safety Shoes)	Psg	219.081
	7 Penunjang Seluruh Tubuh (Full Body Harness)	Bh	584.215
	8 Tongkat Pengatur Lalulintas	Bh	255.594
	9 Kerucut Lalulintas (Traffic Cone)	Bh	109.540
	10 Spanduk K3 (Benner)	lb	365.135
	11 Rompi Keselamatan (Safety Vast)	Bh	29.211

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
Q	BAHAN TANAMAN		-
	1 Alang-alang	ikat	31.751
R	BAHAN PERPIPAAN		-
	1 Conduit pipa dia. 20mm	btg	15.131
	a. Pipa Medium		-
	2 Pipa BS Medium D (8") 6,4 mm	m1	859.939
	3 Pipa BS Medium D (6") 5 mm	m1	474.563
	4 Pipa BS Medium D (4") 4,5 mm	m1	279.871
	5 Pipa BS Medium D (2,5") 3,6 mm	m1	143.729
	6 Pipa BS Medium D (2") 3,6 mm	m1	100.955
	7 Pipa BS Medium D (1,5") 3,2 mm	m1	81.374
	8 Pipa BS Medium D (1,1/4") 3,2 mm	m1	76.926
	9 Pipa BS Medium D (1/2") 2,6 mm	m1	26.473
	SCH -40		-
	1 Pipa SCH-40 1,5"	kg	34.432
	2 Pipa SCH-40 4"	kg	34.215
	3 Pipa SCH-40 2,5"	kg	34.329
	4 Pipa SCH-40 3"	kg	34.248
	5 Pipa SCH-40 6"	kg	34.015
	6 Pipa SCH-40 (harga rata - rata)	kg	34.248
	b. PIPA STAINLESS STEEL		-
	10 Pipa Stainless Steel 1"	btg	233.686
	11 Pipa Stainless Steel 1½"	btg	701.204
	12 Pipa Stainless Steel 2"	btg	961.764
	13 Pipa Stainless Steel 2½"	btg	1.192.676
	c. PIPA HPDE		-
	1 Dia 2"	btg	296.051
	2 Dia 2½"	btg	417.860
	3 Dia 3"	btg	608.022
	4 Dia 4"	btg	893.703
	5 Dia 6"	btg	1.869.197
	d. PIPA PVC		-
	1 Dia 1/2" - 4,00 M	Btg	37.974
	2 Dia 3/4" - 4,00 M	Btg	33.126
	3 Dia 1" - 4,00 M - AW	Btg	47.237
	4 Dia 1 1/2" - 4,00 M - AW	Btg	116.843
	5 Dia 2" - 4,00 M - AW	Btg	134.967
	6 Dia 3" - 4,00 M - AW	Btg	296.489
	7 Dia 4" - 4,00 M - AW	Btg	349.620
	8 Dia 6" - 4,00 M - AW	Btg	835.396
	9 Pipa PVC Dia. 20mm (Conduit)	Btg	12.862
	e. PIPA PVC SNI T.12,5 bar - S.10 (Pemyambungan Lem)		-
	1 Dia 63 mm (2") - 6 M	Btg	255.594
	2 Dia 90 mm (3") - 6 M	Btg	521.120
	3 Dia 110 mm (4") - 6 M	Btg	773.209
	4 Dia 160 mm (6") - 6 M	Btg	1.641.353
	5 Dia 160 mm (8") - 6 M	Btg	1.804.787
	f. PIPA PVC SNI T.12,5 bar - S.10 (Pemyambungan Ring karet)		-
	1 Dia 63 mm (2") - 6 M	Btg	258.077
	2 Dia 90 mm (3") - 6 M	Btg	534.995
	3 Dia 110 mm (4") - 6 M	Btg	792.196
	4 Dia 160 mm (6") - 6 M	Btg	1.663.261
	5 Dia 200 mm (8") - 6 M	Btg	2.596.399
	g. PIPA PVC SNI T.10 bar - S.12,5 (Pemyambungan Lem)		-
	1 Dia 50 mm (1 1/2") - 6 M	Btg	150.581
	2 Dia 63 mm (2") - 6 M	Btg	214.991
	3 Dia 90 mm (3") - 6 M	Btg	444.442
	4 Dia 110 mm (4") - 6 M	Btg	646.872
	5 Dia 160 mm (6") - 6 M	Btg	1.378.456
	6 Dia 200 mm (8") - 6 M	Btg	2.133.408
	h. PIPA PVC SNI T.10 bar - S.12,5 (Pemyambungan Ring karet)		-
	1 Dia 50 mm (1 1/2") - 6 M	Btg	262.897
	2 Dia 63 mm (2") - 6 M	Btg	214.991
	3 Dia 90 mm (3") - 6 M	Btg	444.442
	4 Dia 110 mm (4") - 6 M	Btg	646.872
	5 Dia 160 mm (6") - 6 M	Btg	1.378.456
	6 Dia 200 mm (8") - 6 M	Btg	2.133.408
	i. ACCESSORIES PIPA		-
	FLANGE GIP/STEEL (sist. Las)		-

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
1	Flange Gip/Steel f 2"	Bh	112.461
2	Flange Gip/Steel f 3"	Bh	144.593
3	Flange Gip/Steel f 4"	Bh	176.725
4	Flange Gip/Steel f 6"	Bh	297.220
5	Flange Gip/Steel f 8"	Bh	444.223
TEE GIP/STEEL (sist. Las)			
			-
1	Tee Gip/Steel f 2"	Bh	152.626
2	Tee Gip/Steel f 3"	Bh	329.351
3	Tee Gip/Steel f 4"	Bh	457.879
4	Tee Gip/Steel f 6"	Bh	988.858
5	Tee Gip/Steel f 8"	Bh	2.112.669
BEND GIP/STEEL (sist. Las)			
			-
1	Bend Gip/Steel 90° f 2"	Bh	72.297
2	Bend Gip/Steel 90° f 3"	Bh	168.692
3	Bend Gip/Steel 90° f 4"	Bh	249.022
4	Bend Gip/Steel 90° f 6"	Bh	658.703
5	Bend Gip/Steel 90° f 8"	Bh	1.263.585
6	Bend Gip/Steel 45° f 2"	Bh	56.231
7	Bend Gip/Steel 45° f 3"	Bh	124.512
8	Bend Gip/Steel 45° f 4"	Bh	183.955
9	Bend Gip/Steel 45° f 6"	Bh	482.782
10	Bend Gip/Steel 45° f 8"	Bh	868.364
FLANGE TEE GIP			
			-
1	Flange Tee GIP f 4" x 4"	Bh	1.005.727
2	Flange Tee GIP f 6" x 6"	Bh	1.466.819
3	Flange Tee GIP f 8" x 8"	Bh	2.670.960
4	Flange Tee GIP f 10" x 10"	Bh	4.266.306
FLANGE BEND GIP			
			-
1	Flange Bend Gip/Steel 90° f 2"	Bh	473.945
2	Flange Bend Gip/Steel 90° f 3"	Bh	554.274
3	Flange Bend Gip/Steel 90° f 4"	Bh	779.197
4	Flange Bend Gip/Steel 90° f 6"	Bh	1.164.779
5	Flange Bend Gip/Steel 90° f 8"	Bh	1.587.313
6	Flange Bend Gip/Steel 45° f 2"	Bh	441.813
7	Flange Bend Gip/Steel 45° f 3"	Bh	534.193
8	Flange Bend Gip/Steel 45° f 4"	Bh	763.131
9	Flange Bend Gip/Steel 45° f 6"	Bh	993.678
10	Flange Bend Gip/Steel 45° f 8"	Bh	1.556.788
STUB END / STUB FLANGE PE 100			
			-
1	Stub End / Stub Flange PE 100 f 63 mm (2")	Bh	122.905
2	Stub End / Stub Flange PE 100 f 90 mm (3")	Bh	234.562
3	Stub End / Stub Flange PE 100 f 110 mm (4")	Bh	305.252
4	Stub End / Stub Flange PE 100 f 160 mm (6")	Bh	481.978
5	Stub End / Stub Flange PE 100 f 200 mm (8")	Bh	975.201
FLANGE SPIGOT			
			-
1	Flange Spigot Ø 2"	Bh	170.299
2	Flange Spigot Ø 3"	Bh	229.743
3	Flange Spigot Ø 4"	Bh	289.187
4	Flange Spigot Ø 6"	Bh	573.553
5	Flange Spigot Ø 8"	Bh	1.006.531
FLANGE SOCKET			
			-
1	Flange Socket Ø 2" (63 mm SC)	Bh	205.644
2	Flange Socket Ø 3" (90 mm SC)	Bh	273.121
3	Flange Socket Ø 4" (110 mm SC)	Bh	369.516
4	Flange Socket Ø 6" (160 mm SC)	Bh	735.819
5	Flange Socket Ø 2" (63 mm RR)	Bh	205.644
6	Flange Socket Ø 3" (90 mm RR)	Bh	273.121
7	Flange Socket Ø 4" (110 mm RR)	Bh	369.516
8	Flange Socket Ø 6" (160 mm RR)	Bh	735.819
9	Flange Socket Ø 8" (200 mm RR)	Bh	1.204.944
ELBOW PVC SNI - Socket 90º			
			-
1	Elbow PVC Socket Ø 1 1/2"	Bh	56.231
2	Elbow PVC Socket Ø 2"	Bh	96.396
3	Elbow PVC Socket Ø 2 1/2"	Bh	136.560
4	Elbow PVC Socket Ø 3"	Bh	174.316
5	Elbow PVC Socket Ø 4"	Bh	273.851
6	Elbow PVC Socket Ø 6"	Bh	547.702
ELBOW PVC SNI - Socket 45º			
			-
1	Elbow PVC Socket Ø 1 1/2"	Bh	73.101
2	Elbow PVC Socket Ø 2"	Bh	144.593
3	Elbow PVC Socket Ø 2 1/2"	Bh	173.512

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
4	Elbow PVC Socket Ø 3"	Bh	205.644
5	Elbow PVC Socket Ø 4"	Bh	300.433
6	Elbow PVC Socket Ø 6"	Bh	557.487
TEE PVC SNI - 3 x Socket (Rubber Ring)			
1	Tee PVC Ø 2" x 2"	Bh	186.365
2	Tee PVC Ø 3" x 3"	Bh	305.252
3	Tee PVC Ø 3" x 2"	Bh	268.301
4	Tee PVC Ø 4" x 4"	Bh	506.880
5	Tee PVC Ø 4" x 3"	Bh	461.092
6	Tee PVC Ø 4" x 2"	Bh	412.894
7	Tee PVC Ø 6" x 6"	Bh	941.463
8	Tee PVC Ø 6" x 4"	Bh	816.149
TEE PVC SNI - Socket			
1	Tee PVC Socket Ø 8" x 8"	Bh	1.638.724
2	Tee PVC Socket Ø 8" x 6"	Bh	2.779.404
3	Tee PVC Socket Ø 8" x 4"	Bh	1.204.944
4	Tee PVC Socket Ø 8" x 3"	Bh	1.277.241
5	Bend HDPE PE 100 45 o Ø 2"	Bh	104.428
6	Bend HDPE PE 100 90 o Ø 2"	Bh	104.428
LONG BEND DOUBLE SOCKET (solvent cement)			
1	Ø 2" (63 mm) x 45º	Bh	96.396
2	Ø 2" (63 mm) x 90º	Bh	104.428
LONG BEND DOUBLE SOCKET (rubber ring)			
1	Ø 2" (63 mm) x 45º	Bh	152.626
2	Ø 2" (63 mm) x 90º	Bh	176.725
LONG BEND SOCKET / SPIGOT (rubber ring)			
1	Ø 2" (63 mm) x 45º	Bh	144.593
2	Ø 3" (90 mm) x 45º	Bh	206.448
3	Ø 4" (110 mm) x 45º	Bh	300.433
4	Ø 6" (160 mm) x 45º	Bh	602.472
5	Ø 8" (200 mm) x 45º	Bh	1.044.285
LONG BEND SOCKET / SPIGOT (rubber ring)			
1	Ø 2" (63 mm) x 90º	Bh	154.233
2	Ø 3" (90 mm) x 90º	Bh	237.776
3	Ø 4" (110 mm) x 90º	Bh	329.351
4	Ø 6" (160 mm) x 90º	Bh	666.736
5	Ø 8" (200 mm) x 90º	Bh	1.164.779
REDUCER PE 100			
1	Reducer PE 100 Ø 3" x 2"	Bh	193.595
2	Reducer PE 100 Ø 4" x 2"	Bh	236.973
3	Reducer PE 100 Ø 4" x 3"	Bh	236.973
4	Reducer PE 100 Ø 6" x 3"	Bh	465.912
5	Reducer PE 100 Ø 6" x 4"	Bh	453.863
REDUCER PVC SNI - Socket Solvent Cement			
1	Reducer PVC Ø 2" x 1 1/2"	Bh	72.297
2	Reducer PVC Ø 3" x 1 1/2"	Bh	104.428
3	Reducer PVC Ø 3" x 2"	Bh	104.428
4	Reducer PVC Ø 4" x 2"	Bh	139.774
5	Reducer PVC Ø 4" x 3"	Bh	168.692
REDUCER PVC SNI - Rubber Ring			
1	Reducer PVC Ø 2" x ¾"	Bh	30.671
2	Reducer PVC Ø 4" x 3"	Bh	254.645
3	Reducer PVC Ø 6" x 4"	Bh	465.912
4	Reducer PVC Ø 8" x 6"	Bh	848.281
5	Reducer PVC Ø 10" x 6"	Bh	1.261.175
6	Reducer PVC Ø 10" x 8"	Bh	1.558.394
DOP PE 100			
1	Dop PE Ø 2"	Bh	104.428
2	Dop PE Ø 3"	Bh	120.494
3	Dop PE Ø 4"	Bh	136.560
4	Dop PE Ø 6"	Bh	356.663
5	Dop PE Ø 8"	Bh	1.069.990
DOP/CAP PVC SNI (Solvent Cement)			
1	Dop PVC Ø 1 1/2"	Bh	41.625
2	Dop PVC Ø 2"	Bh	52.215
3	Dop PVC Ø 3"	Bh	62.657
4	Dop PVC Ø 4"	Bh	146.200
5	Dop PVC Ø 6"	Bh	200.824
DOP/CAP PVC SNI (Rubber Ring)			
1	Dop PVC Ø 2"	Bh	72.297
2	Dop PVC Ø 3"	Bh	128.527

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
	3 Dop PVC Ø 4"	Bh	249.022
	4 Dop PVC Ø 6"	Bh	377.549
	CLAMP SADDLE GIP/STELL		-
	1 Clamp Saddle Ø 2" x 3/4"	Bh	56.231
	2 Clamp Saddle Ø 2" x 1 1/2"	Bh	72.297
	3 Clamp Saddle Ø 4" x 3/4"	Bh	88.363
	4 Clamp Saddle Ø 6" x 3/4"	Bh	200.824
	5 Clamp Saddle Ø 6" x 1 1/2"	Bh	144.593
	6 Clamp Saddle Ø 6" x 2"	Bh	176.725
	STOP KRAN KUNINGAN		-
	1 Stop Kran Ø 1 1/2"	Bh	401.648
	2 Stop Kran Ø 2"	Bh	473.945
	3 Stop Kran Ø 3"	Bh	1.204.944
	AIR VALVE		-
	1 Air Valve Ø 2"	Bh	1.566.427
	2 Air Valve Ø 3"	Bh	1.767.251
	3 Air Valve Ø 4"	Bh	2.176.932
	4 Air Valve Ø 6"	Bh	4.136.975
	GATE VALVE DRAG		-
	1 Gate Valve Ø 1/2"	Bh	120.653
	2 Gate Valve Ø 3/4"	Bh	179.340
	3 Gate Valve Ø 1"	Bh	239.955
	4 Gate Valve Ø 2"	Bh	787.167
	5 Gate Valve Ø 3"	Bh	1.536.740
	6 Gate Valve Ø 4"	Bh	1.781.222
	7 Gate Valve Ø 6"	Bh	3.702.147
	GATE VALVE FLANGE		-
	1 Gate Valve flange Ø 2"	Bh	2.190.924
	2 Gate Valve flange Ø 2½"	Bh	3.358.410
	3 Gate Valve flange Ø 3"	Bh	9.906.259
	4 Gate Valve flange Ø 4"	Bh	8.513.874
	5 Gate Valve flange Ø 6"	Bh	10.594.314
	6 Gate Valve flange Ø 8"	Bh	17.526.459
	CHECK VALVE		-
	1 Check Valve Ø 1 1/2"	Bh	273.121
	2 Check Valve Ø 2"	Bh	370.867
	3 Check Valve Ø 3"	Bh	1.127.828
	4 Check Valve Ø 4"	Bh	1.686.922
	5 Check Valve Ø 6"	Bh	5.060.765
	CHECK VALVE FLANGE		-
	1 Check Valve flange Ø 1 1/2"	Bh	-
	2 Check Valve flange Ø 2"	Bh	6.045.358
	3 Check Valve flange Ø 3"	Bh	-
	4 Check Valve flange Ø 4"	Bh	8.295.387
	5 Check Valve flange Ø 6"	Bh	-
	6 Siamese Connection	Bh	4.012.530
	7 foot valve 2"	Bh	436.859
	8 Rubber Flexibel 2"	Bh	584.876
	GILBOUT JOIN CAST IRON PN 10		-
	1 Gibeoul Joint Cast Iron PN 10 Ø 3"	Bh	249.022
	2 Gibeoul Joint Cast Iron PN 10 Ø 4"	Bh	329.351
	3 Gibeoul Joint Cast Iron PN 10 Ø 6"	Bh	602.472
	4 Gibeoul Joint Cast Iron PN 10 Ø 8"	Bh	1.084.450
	KARET PACKING		-
	1 Karet Packing Ø 2"	Bh	8.837
	2 Karet Packing Ø 3"	Bh	12.050
	3 Karet Packing Ø 4"	Bh	16.066
	4 Karet Packing Ø 6"	Bh	24.099
	5 Karet Packing Ø 8"	Bh	32.132
	6 Bout/Moer 5/8 x 3"	Bh	16.066
	7 Bout/Moer 3/8 x 3"	Bh	24.099
	8 Lem Pipa	Kg	120.494
	Struktural Kedap Air		-
	1 PVC waterstop 150mm	M	99.317
	2 PVC waterstop 200mm	M	116.843
	3 PVC waterstop 250mm	M	157.738
			-
S	BAHAN ELETRIKAL		-
	MASTER UNIT		-
	1 Box Panel (40x60x20)	bh	708.361
	2 KWH Meter Listrik 1300	set	1.637.570

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
3	Transformator Kap. 500 KVA	set	174.685.927
	Type Oil Immersed		-
	Group Vector DYN 5		-
	DGPT2 MV Elastiomid Bushing		-
4	Panel Utama Tegangan Menengah 3 sel	set	175.164.785
	1 bh Incoming		-
	2 bh Outgoing 24 KV		-
	Pengaman fuse tabung		-
	Aksesories		-
5	Generator Set silent type (500 KVA)	unit	887.618.210
6	Tangki Solar Kap. 1000L	set	387.042.637
	Include Pompa Electric & Manual)		-
	Termasuk BBM u/ Tes & Commisioning		-
7	Panel ATS	set	149.937.355
	2 bh ACB 4 pole, FT 1000A		-
	Motor charging gear, 220 volt, UVT 220 volt		-
	6 bh Closing release 220 volt, CT 3000/5		-
	Digital Multimeter		-
	Emergency push button, Pilot lamp		-
	Aksesories Wiring		-
8	Panel LVMDP + Armature	set	186.804.541
	Box Standing Outdoor		-
	ACB/MCCB/MCB/ELCB		-
	Surge Arrester		-
	Kapasitor Bank		-
	Power Metring Analog		-
	Power Factor Regulator		-
	Magnetic Contactor		-
	Timer & Relay		-
	Pilot Lump		-
	Aksesories Wiring		-
9	Set Panel Lantai + Armature	set	9.889.685
	Box 40x60x20		-
	MCB		-
	Terminal Box		-
	Pilot Lump		-
	Analog Meter (Tegangan + Arus)		-
	Aksesories Wiring		-
10	Penangkal Petir	set	32.895.074
	Type eltrostatic radius 100m		-
	Control Box		-
	Kabel Ground 70mm + Conduit (10 - 20 mtr)		-
	Arde Grounding (20hm Max)		-
	Tiang Pipa Besi		-
	Lampu Menara Aerolit		-
	Accessories, Clamp dll.		-
	Test & Commisioning		-
11	Rack Server Staning 27U	unit	9.171.485
	JARINGAN POWER ELETRIK		-
1	Kabel NYA 2 x 1 x 2,5 mm	roll	934.744
2	Kabel NYM 2 X 1,5 MM	roll	934.744
3	Kabel NYM 3 X 1,5 MM	roll	463.951
4	Kabel NYM 3 X 2,5 MM	roll	581.618
5	Kabel NYM 2 X 4 MM	roll	2.103.175
6	Kabel NYM 3 X 4 MM	roll	1.674.837
7	Kabel NYM 3 X 6 MM	roll	4.819.776
8	Kabel NYM 4x4 MM	m'	49.343
9	Kabel NYY 4 X 240 MM	m'	2.458.510
10	Kabel NYY 4 X 120 MM	m'	915.661
11	Kabel NYY 4 X 25 MM	m'	251.806
12	Kabel NYY 4 X 10 MM	m'	109.540
13	Kabel NYY 3 X 35 MM	m'	254.939
14	Kabel NYY 3 X 16 MM	m'	129.102
15	Kabel NYY 3 X 6 MM	roll	2.225.555
16	Kabel NYY 3 X 4 MM	roll	1.479.122
17	Kabel NYY 3 X 2.5 MM	roll	580.069
18	Kabel NYMHY 2 x 1,5 mm	roll	452.179
19	Kabel NYMHY 3 x 1,5 mm	roll	657.242
20	Kabel BC 300mm	m'	601.996
21	Kabel BC 150mm	m'	219.908
22	Kabel BC 50mm	m'	72.635

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
23	Kabel BC 35mm	m'	50.199
24	Kabel BC 25mm	m'	43.816
25	Kabel BC 16mm	m'	20.956
26	Kabel BC 10mm	m'	13.335
27	Kabel BC 4mm	m'	10.153
28	Kabel ITC 5x2x2x0.6 mm	roll	2.921.077
29	Kabel UTP cat 5e	roll	1.314.484
30	Kabel STP cat 5e	roll	1.752.646
31	Kabel Coaxial RG.59	roll	1.708.195
32	Cable Tray 500x100x3000 + Cover (t=1.2mm)	btg	1.182.542
33	Cable Tray 100x50x3000 + Cover (t=1.2mm)	btg	269.160
34	Cable Ladder 500x100x3000 (t=1.2mm)	btg	507.537
35	Kabel Ladder Type U 300x100	btg	487.891
36	Elbow Join Tray 500x100 + Cover	bh	588.404
37	Elbow Join Tray 100x50 + Cover	bh	145.390
38	Elbow Ladder 500x100	bh	369.898
39	Tee Join Tray 500x100 + Cover	bh	650.505
40	Tee Join Tray 100x50 + Cover	bh	217.648
41	Cross Join Tray 500x100 + Cover	bh	3.067.130
42	Cross Join Tray 100x50 + Cover	bh	1.031.421
43	Hanger Beam Tray U-500	bh	56.278
44	Box MCB 4 Group	bh	114.548
45	Inbow Dust	bh	8.255
46	Fitting Gantung Lampu Industry type Kap	bh	82.552
	ARMATURE		-
1	MCCB 3P/50A	bh	796.311
2	MCCB 3P/40A	bh	796.311
3	MCCB 3P/30A	bh	796.311
4	MCCB 3P/16A	bh	796.311
5	MCCB 3P/25A	bh	796.311
6	MCCB 3P/10A	bh	796.311
7	MCCB 3P/15A	bh	796.311
8	MCB 1P/2A	bh	66.842
9	MCB 1P/16A	bh	63.502
10	MCB 1P/10A	bh	53.905
11	MCB 1P/6A	bh	73.027
12	MCB 2P/20A	bh	273.851
13	MCB 3P/40A	bh	915.757
14	MCB 3P/10A	bh	408.951
15	MCB 3P/6A	bh	408.951
16	ATS 2P/63A	bh	876.323
17	Stop Kontak Daya	bh	20.285
18	Stop Kontak Universal	bh	71.903
19	Saklar Seri	bh	25.190
20	Saklar Engkel	bh	20.511
21	Outlet Telepon RJ.11	bh	102.238
22	Outlet Data RJ.45	bh	131.448
23	Outlet TV	bh	124.146
24	Terminal Box 10 pairs	bh	595.035
25	Terminal Kontak 4 hole	bh	75.948
26	Lampu PJU	unit	23.296.803
	2 x Head unit Led 30Watt		-
	System Kontrol Timer		-
	Tiang Galvanis 9m		-
	Termasuk Pondasi dan Pemasangan		-
27	Lampu RM LED Outbow 2 x 18 watt	bh	601.173
28	Lampu LED Downlight Outbow 18 watt	bh	219.616
29	Lampu LED Blub 18 watt	bh	140.212
30	Lampu Sorot IP-65 30watt	bh	567.915
31	Lampu Spot Light 19 watt	bh	180.593
32	Lampu Spot Light 12 watt	bh	166.231
33	UPS 3000VA	bh	17.270.865
34	Hard Drive 4TB	bh	2.395.848
35	Alat Detektor CO2	bh	17.416.617
36	Pilot Lamp	bh	29.211
37	Voltage Meter Analog	bh	102.238
38	Saklar Sensor Gerak	bh	53.809
39	Saklar Photocell	bh	108.623
	SOUND SYSTEM		-
1	Mixer pre amplifier ZA-2128	set	6.569.756
2	Equaliser 1 ch - 31 band	unit	2.190.807

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
3	Power Amplifier TOA ZA-1240SS 240Watt	unit	8.718.226
4	Microphone Pagging	unit	870.767
5	Toa Speaker 50 Watt	bh	1.224.783
6	Volume Control 6 Watt	bh	197.173
	CCTV		-
1	Kamera DVR HIKVISION 16CH	unit	3.311.995
2	LED Plat Screed Monitor 40" Panasonic	unit	3.361.302
3	Bracket TV	bh	213.901
4	Dome Camera Color Fixed 5MP	bh	666.966
5	Motorized Bullet Camer Outdoor	bh	1.956.293
	TELEPON		-
1	Pemasangan Internet (by provider)		240.989
2	MDF Telepon Kap. 50 Pair	bh	1.606.592
3	Terminal Box-T-A 10 pairs	bh	511.188
4	Pesawat Telepon standard single line	bh	255.594
	JARINGAN DATA		-
1	Hub/Switch 24 port	unit	5.659.586
2	Wireles AP type Wall	unit	1.898.700
3	Wireles AP Cealing	unit	3.359.238
	T BAHAN MEKHANIK		-
1	Pompa Suplay	unit	106.650.041
	Model : Grundfos CR10 atau setara		-
	Kapasitas : 300 lpm,@ 50 m		-
	Flow & Head : 10m3/H @50 M		-
	Type : Centrifugal in line Pump		-
	Material Impeller : Stainless Steel		-
	Casing : Cast Iron		-
	Motor : 5,5 kW. 3 Phase, 380V, 2 poles, 2900 Rpm, 50 Hz		-
	Operation : Conrol Panel 2 x 5,5 kW, Indoor Type		-
	Aksesoris : 1 panel untuk 2 pompa		-
2	Pompa Boster	set	181.550.310
	Flow & Head : 2 x 150 LPM @ 35 M		-
	Model : Grundfos Booster Hydro Multi 2 CR10-4 atau setara		-
	Type : Vertical in line Multistage		-
	Motor : (2x1,5 kW), 3 Ph, 380V, 50 Hz, 2900 RPM		-
	Operation : Paralel Alternate		-
	Aksesoris : 1 unit Control Panel in Steel cabinet, 2 unit manifold made of Galvanize pipe, 2 unit non		-
			-
			-
			-
			-
			-
3	MAIN ELEKTRIK FIRE PUMP	set	321.861.802
	Kap : 1000 USGPM . @ 90 mtr		-
	Horizontal split case		-
	Electric Fire PUMP Controller 110 kW Local NFPA20 Standar		-
	110 kW/380/50Hz/3ph/2950 rpm, Electric WE Motor		-
	Base Plate Coupling & Guard		-
4	MAIN DIESEL PUMP	set	495.404.320
	Model : LS125-100-305F, Grundfos Fire Pump atau setara		-
	Kap : 1000 USGPM . @ 90 mtr		-
	Horizontal split case		-
	Electric Fire PUMP Controller 12V Local NFPA20 Standar		-
	125kW/12V/3000 rpm		-
	Base Plate Coupling & Guard		-
	Aksesoris : 2 lead Acid Battery+Charger, Fleksibel Exhaust Connector & Industrial Silencer, Fuel Tank		-
5	JOCKEY PUMP	set	70.711.043
	Model : CR10, Grundolf Pump atau setara		-
	Kap : 50 USGPM . @ 110 mtr		-
	Type : Vertical Multi Stage		-
	Jockey Pump Controller 5,5 kW/380/50hz Local NFPA20 Standard		-
	5,5 kW/380V/50Hz/3ph/2950 rpm		-
6	Hydrant Box Indoor Lengkap (by Vendor)	set	12.629.102
	FH indoor type B		-
	Hydrant box 125 x 75 x 18 cm		-
	Jet star fire hose 1.5" x 30 m		-
	Hydrant valve ozeki 1.5"		-
	Seamless nozzle 1.5"		-
	Hose rack 1.5"		-
7	Hydrant Box Outdoor Lengkap	set	17.464.588

No.	JENIS / ITEM	SAT.	HARGA SATUAN (Rp.)
	FH outdoor type C		-
	Hydrant box 125 x 75 x 18 cm		-
	Jet star fire hose 1.5" x 30 m		-
	Seamless nozzle 1.5"		-
	Fondasi Box		-
	8 Hydrant pillar	set	8.857.979
	Two ways c/w main 4" x 2.5" x 2,5"		-
	Gate Valve (4")		-
	1m' Pipa BS SCH 40, dia 100 mm (4")		-
	Fondasi & fitting-fitting		-
	9 Master Control Panel Fire Alaram	set	22.092.758
	Type konvensional kap. 1 loop		-
	Display Panel LCD		-
	Rectifier		-
	Surge arrester		-
	10 TANGKI MESIN DAN INSTALASI	set	1.284.251.285
	Capacity: 30 m3		-
	Treatment System: Anaerob Aerob Reactor		-
	Sistem Operasi: Semi Automatic		-
	Air distribution system:		-
	Air injection:		-
	Biomedial filtration: Biomedial filtration		-
	General starter: General starter		-
	Nutrient tank: Micro tank		-
	Main frame:		-
	Shape: Shape		-
	Location: Underground		-
	Quantity: 2 Set		-
	Control Panel		-
	Blower		-
	11 Meteran Air Plange 2"	bh	3.648.076
	12 Box APAR Indoor	set	583.713
	13 Unit Tabung APAR Isi 6Kg	set	546.898
	14 Exhaust FAN Ceiling	Set	835.980
	15 Exhaust FAN Dinding	Set	727.847
	16 Jet FAN 4000 CFM Dia 400mm Model AJR 400-4 (B)	Set	34.920.742
	17 Annunciator (10 zona)	set	10.225.725
	18 Sprinkler Head	bh	127.845
	19 Flow Switch	bh	1.709.840
	20 Pressure Gauge	bh	449.822
	21 Smoke Detector	bh	395.095
	22 Rate of Heat detector	bh	345.856
	23 fire heat detector	bh	408.113
	24 end of line resistance	bh	20.289
	25 Manual Push Button	bh	378.313
	26 Alarm Bell	bh	440.570
	27 Indikator Lamp	bh	207.624
	28 Terminal Box,	bh	728.316
	29 AC Split 1/2 PK	set	6.731.176
	30 AC Split 3/4 PK	set	6.985.183
	31 AC Split 1 PK	set	7.366.193
	32 AC Split 1½ PK	set	9.144.239
	33 AC Split 2 PK	set	13.970.366
	34 AC Cassete 2 PK	set	21.065.448
	35 AC Cassete 3 PK	set	30.988.812
	36 AC Cassete 5 PK	set	48.261.264
	37 Pipa Kapiler AC ¼PK - 2,5PK	m'	91.133
	38 Pipa Kapiler AC 3PK - 5PK	m'	152.404
	39 filter Sand Carbon Mangan	set	12.359.693
			-
	III. DAFTAR PERALATAN		-
	P.001 Molen	hari	317.508
	P.002 Las Listrik	jam	31.751
	P.004 Compressor 400 M2/Jam	jam	279.788
	P.006 ASPHALT MIXING PLANT 60.0 Ton/Jam	jam	8.584.917
	P.008 ASPHALT FINISHER 10 Ton/Jam	jam	581.929
	P.010 ASPHALT SPRAYER 850 Liter	jam	115.192
	P.012 BULLDOZER 140 HP	jam	785.262
	P.014 CONCRETE MIXER 250 Liter	jam	76.075
	P.016 CRANE MAKS 80 TON 80 Ton	jam	838.603
	P.018 Mobile Crane	jam	457.212

No.	JENIS / ITEM		SAT.	HARGA SATUAN (Rp.)
P.020	DUMP TRUCK (K)	6 Ton	jam	265.691
P.022	DUMP TRUCK	10 Ton	jam	508.394
P.024	EXCAVATOR	0.5 M3	jam	631.080
P.026	FLAT BED TRUCK	10 Ton	jam	462.292
P.028	GENERATOR SET	100 KVA	jam	652.797
P.030	MOTOR GRADER	125 HP	jam	698.645
P.032	TRACK LOADER	1.5 M3	jam	608.346
P.034	WHEEL LOADER	1.5 M3	jam	639.716
P.036	THREE WHEEL ROLLER	8 Ton	jam	480.454
P.038	TANDEM ROLLER	8 Ton	jam	480.454
P.040	PNEUMATIC TYRE ROLLER	10 Ton	jam	495.694
P.042	VIBRATORY ROLLER	8 Ton	jam	522.746
P.044	CONCRETE VIBRATOR	3 HP	jam	58.168
P.046	STONE CRUSHER	100 Ton/Jam	jam	1.449.108
P.048	WATER PUMP	10 M3/Jam	jam	55.246
P.050	WATER TANK TRUCK	4 M3	jam	441.845
P.052	VIBRATORY COMPACTOR	3 HP	jam	58.168
P.054	STAMPER	0.2 Ton	jam	63.502
P.056	JACK HAMMER	3 HP	jam	77.218
P.056b	JACK HAMMER 12 HP	12 HP	hari	1.270.033
P.058	FULVI MIXER	75 HP	jam	304.427
P.060	CONCRETE PUMP	60 M3	jam	423.683
P.062	TRAILER 20 TON	20 Ton	jam	741.699
P.064	PILE DRIVER + DIESEL HAMMER	2.5 Ton	jam	144.403
P.066	CRANE ON TRACK (35 Ton)	35 Ton	jam	639.716
P.068	WELDING SET	250 Amp	jam	192.664
P.070	PEDESTRIAN ROLLER	1 Ton	jam	120.145
P.072	ASPHALT LIQUID MIXER	1000 Liter	jam	55.373
P.074	MESIN LIER	10 Ton	jam	270.517
P.076	FLAT BED TRUCK + CRANE	15 Ton	jam	595.900
P.078	SCREENING PLANT	20 T/Jam	jam	515.761
P.080	DROP HAMMER / PANC. KAYU	1 Ton	jam	375.041
P.082	HAND COMPACTOR	0,1 Ton	jam	93.093
P.084	CONRETTE PAVING MACHINE (S	2,5 M	jam	710.330
P.086	VIBRATING SCREED	20,0 HP	jam	96.015
P.088	CONCRETE CUTTER	25 HP	jam	109.096
P.090	PONTON ANGKUT	50,0 Ton	jam	211.080
P.092	PONTON PANCANG	100 Ton	jam	361.705
P.094	BORE PILE MACHINE	2000 Meter	jam	1.911.273
P.096	BATCHING PLANT	800Liter	jam	941.730
P.098	TRONTON	15 Ton	jam	933.474
P.100	COLD MILLING MACHINE	1000 Meter	jam	2.236.529
P.102	ROCK DRILL BREAKER	30 HP	jam	493.154
P.104	COLD RECYCLER	2,2 M	jam	9.471.908
P.106	HOT RECYCLER	3 M	jam	12.143.804
P.108	AGGREGAT (CHIP) SPREADER	3,5 M	jam	826.538
P.110	ASPHALT DISTRIBUTOR	4000 Liter	jam	597.170
P.112	CONCRETE PAN MIXER	500 Liter	jam	741.826
P.114	CONCRETE BREAKER	20 M3/Jam	jam	1.178.718
P.116	ASPAHLT TANKER	4000 Liter	jam	744.239
P.118	CEMENT TANKER	4000 Liter	jam	744.239
P.120	CONCRETE MIXER (350)	350 Liter	jam	104.905
P.122	VIBRATING RAMMER	80 Kg	jam	61.089
P.124	TRUCK MIXER (AGITATOR)	5 M3	jam	894.992
P.126	CRANE ON TRACK 75-100 TON	75 Ton	jam	894.865
P.128	BLENDING EQUIPMENT	30 Ton	jam	332.114
P.130	CHAIN SAW	10 HP	jam	70.487
P.131	Sewa alat Las Listrik		jam	28.576