

No :
Tanggal : 13 Mei 2026
Dari : Engineering

SURAT PERMINTAAN BARANG

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
1	PMSN00077	Water Pressure Tank Vertical 100L Waterplus PRSTK 100V	Unit 8	-	-	-	-	1	Pcs	19-06-26	1. Inventaris		Sesuai Dengan Process & Utility Distribution Unit 8B U0.2 Water Pretreatment Untuk Raw Water Unit 8 Project Aktivasi Unit 8B (LOCAL)
2	IMO16234	Pressure Switch Saginomiya SNS-C110X	Unit 8	-	-	-	-	1	Pcs	19-06-26	2. Spareparts	V	
3	PMSN00075	Gate Valve Flange 4" Kitz	Unit 8	-	-	-	-	2	Pcs	19-06-26	3. Consumable		
4	PMSN00075	Gate Valve Flange 2" Kitz	Unit 8	-	-	-	-	1	Pcs	19-06-26	4. Jasa		
5	PMSN00075	Butterfly Valve Aluminium Lever Handle 3" Kitz	Unit 8	-	-	-	-	2	Pcs	19-06-26	5. Project		
6	IMO02116	Ball Valve Drat Kuningan Class 400 1" Kitz	Unit 8	-	-	-	-	1	Pcs	19-06-26			
7	IMO02116	Ball Valve Drat Kuningan Class 400 1/2" Kitz	Unit 8	-	-	-	-	2	Pcs	19-06-26			
8	IMO19209	Strainer Y Flange 3"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
9	IMO16007	Pressure Gauge SS 4" 0-10 bar Drat 1/2" NPT Wika	Unit 8	-	-	-	-	2	Pcs	19-06-26			
10	IMO16464	Pipa PPR Rucika 4"	Unit 8	-	-	-	-	28	Batang	19-06-26			
11	IMO16060	Pipa PPR Rucika 2"	Unit 8	-	-	-	-	8	Batang	19-06-26			
12	IMO20352	Tee PPR Rucika 4"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
13	IMO18069	Reducer PPR Rucika 4" x 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
14	IMO05011	Elbow PPR Rucika 4"	Unit 8	-	-	-	-	11	Pcs	19-06-26			
15	IMO05011	Elbow PPR Rucika 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
16	IMO19172	Sock Coupler PPR Rucika 4"	Unit 8	-	-	-	-	20	Pcs	19-06-26			
17	IMO19172	Sock Coupler PPR Rucika 2"	Unit 8	-	-	-	-	10	Pcs	19-06-26			
18	IMO06074	Flange Stub End PPR + Back Ring Besi Set 4"	Unit 8	-	-	-	-	2	Set	19-06-26			
19	IMO06074	Flange Stub End PPR + Back Ring Besi Set 2"	Unit 8	-	-	-	-	1	Set	19-06-26			
20	IMO19194	Sok Drat Dalam Female PPR 2" Rucika Kelen	Unit 8	-	-	-	-	4	Pcs	19-06-26			
21	IMO19194	Sok Drat Dalam Female PPR 1" Rucika Kelen	Unit 8	-	-	-	-	2	Pcs	19-06-26			

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				Tanggal	Jumlah	No SPB	Supplier						
22	IMO16060	Pipa PVC AW 6" x 4m Rucika	Unit 8	-	-	-	-	2	Batang	19-06-26			Sesuai Dengan Process & Utility Distribution Unit 8B U0.2 Water Pretreatment Untuk Raw Water Unit 8 Project Aktivasi Unit 8B (LOCAL)
23	IMO16060	Pipa PVC AW 3" x 4m Rucika	Unit 8	-	-	-	-	2	Batang	19-06-26			
24	IMO20128	Tee Reducer PVC AW 6" x 3" Rucika	Unit 8	-	-	-	-	3	Pcs	19-06-26			
25	IMO04014	Dop PVC AW 6" Rucika	Unit 8	-	-	-	-	2	Pcs	19-06-26			
26	IMO19245	Sok PVC AW 6" Rucika	Unit 8	-	-	-	-	1	Pcs	19-06-26			
27	IMO19245	Sok PVC AW 3" Rucika	Unit 8	-	-	-	-	3	Pcs	19-06-26			
28	IMO05011	Elbow PVC AW 3" Rucika	Unit 8	-	-	-	-	3	Pcs	19-06-26			
29	IMO06074	Flange PVC AW 3" Rucika	Unit 8	-	-	-	-	3	Pcs	19-06-26			
30	IMO02138	Blind Flange Besi JIS10K 6"	Unit 8	-	-	-	-	1	Pcs	19-06-26			
31	IMO06074	Flange Besi JIS10K 4"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
32	IMO06074	Flange Besi JIS10K 3"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
33	IMO06074	Flange Besi JIS10K 2"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
34	IMO16288	Pipa Galvanis Medium 1"	Unit 8	-	-	-	-	1	Batang	19-06-26			
35	ATSP00972	Incian Drat Pipa Besi 4" x 15 cm	Unit 8	-	-	-	-	2	Pcs	19-06-26			
36	ATSP00972	Incian Drat Pipa Besi 3" x 15 cm	Unit 8	-	-	-	-	2	Pcs	19-06-26			
37	ATSP00972	Incian Drat Pipa Galvanis 2" x 15 cm	Unit 8	-	-	-	-	2	Pcs	19-06-26			
38	ATSP00972	Incian Drat Pipa Galvanis 1" x 15 cm	Unit 8	-	-	-	-	2	Pcs	19-06-26			
39	ATSP00972	Incian Drat Pipa Galvanis 1/2" x 15 cm	Unit 8	-	-	-	-	4	Pcs	19-06-26			
40	PMSN00101	Sok Drat Luar Galvanis 1/2"	Unit 8	-	-	-	-	3	Pcs	19-06-26			
41	IMO23020	Watermur Galvanis 1"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
42	IMO05011	Elbow 90deg Plain Drat Galvanis 1"	Unit 8	-	-	-	-	5	Pcs	19-06-26			
43	IMO05011	Elbow 90deg Plain Drat Galvanis 1/2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
44	IMO20119	Tee Drat Galvanis 1"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
45	IMO20119	Tee Drat Galvanis 1/2"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
46	IMO18069	Reducer Concentric Drat Galvanis 1" x 1/2"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
47	PMSN00102	Vlok Sok Reducer Kuningan Male 1/2" x Female 1/4"	Unit 8	-	-	-	-	2	Pcs	19-06-26			
48	IMO18069	Reducer Sanitary Concentric Las SS304 2,5" x 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
49	IMO06064	Ferrule Sanitary Las SS304 2,5"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
50	IMO06064	Ferrule Sanitary Las SS304 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			

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				Tanggal	Jumlah	No SPB	Supplier						
51	IMO06064	Ferrule Sanitary Drat Luar Male SS304 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
52	IMO03083	Clamp Ferrule Sanitary SS304 2,5"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
53	IMO03083	Clamp Ferrule Sanitary SS304 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
54	IMO19060	Seal Silicone Tri Clamp Sanitary 2,5"	Unit 8	-	-	-	-	4	Pcs	19-06-26			Sesuai Dengan Process & Utility Distribution Unit 8B U0.2 Water Pretreatment Untuk Raw Water Unit 8 Project Aktivasi Unit 8B (LOCAL)
55	IMO19060	Seal Silicone Tri Clamp Sanitary 2"	Unit 8	-	-	-	-	4	Pcs	19-06-26			
56	IMO11107	Packing Karet Flange 4" inch	Unit 8	-	-	-	-	6	Pcs	19-06-26			
57	IMO11107	Packing Karet Flange 3" inch	Unit 8	-	-	-	-	8	Pcs	19-06-26			
58	IMO11107	Packing Karet Flange 2" inch	Unit 8	-	-	-	-	4	Pcs	19-06-26			
59	PGDG00270	Lem Pipa PVC Kaleng 400g Isarplas	Unit 8	-	-	-	-	1	Pcs	19-06-26			
60	IMO02003	Baut + Mur Galvanis M16 x 100	Unit 8	-	-	-	-	20	Pcs	19-06-26			
61	IMO02003	Baut + Mur Galvanis M16 x 60	Unit 8	-	-	-	-	100	Pcs	19-06-26			
62	IMO18021	Ring Plat M16	Unit 8	-	-	-	-	250	Pcs	19-06-26			
63	IMO18212	Ring Peer M16	Unit 8	-	-	-	-	250	Pcs	19-06-26			

PERMINTAAN SPAREPART LOCAL WATER PRETREATMENT UNTUK RAW WATER UNIT 7 - 8 PROJECT AKTIVASI UNIT 8

Situasi :

Dalam proses aktivasi sistem pengolahan air (Water System) di Unit 8, diperlukan instalasi jalur distribusi Raw Water yang memadai untuk menyuplai unit pengolahan air Purified Water.

Tanpa adanya instalasi pipa ini, sistem pengolahan air yang telah ada tidak dapat dioperasikan (commissioning), yang pada akhirnya menghambat seluruh rangkaian proses produksi/operasional yang bergantung pada ketersediaan air PW.

Target :

Memastikan supply air bahan baku (Raw Water) memadai untuk proses pengolahan water system Purified Water Unit 8.

Proposal :

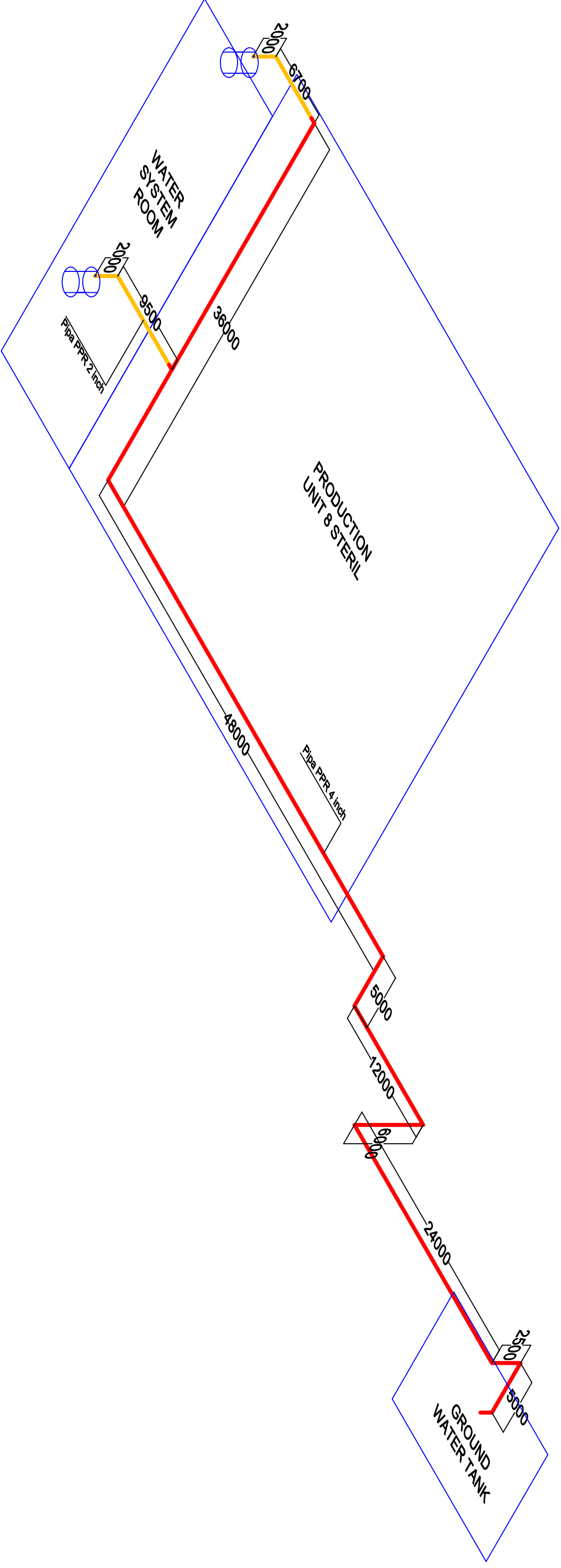
Segera melakukan pengadaan komponen yang diperlukan untuk Distribusi Raw Water sesuai dengan list yang tertera.

Tanda tangan Pemohon (nama jelas)		Tanda Tangan Mengetahui (nama jelas)		Tanda Tangan Menyetujui (nama jelas)	
 Ajeng Ayu D		 Firman Ardi Busono		 Hermawan Widyaprasetya	

RAB Raw Water Unit 8

NO	NAMA BARANG	QTY	SATUAN	HARGA	TOTAL
1	Water Pressure Tank Vertical 100L Waterplus PRSTK 100V	1	Pcs	Rp3,500,000	Rp3,500,000
2	Pressure Switch Saginomiya SNS-C110X	1	Pcs	Rp250,000	Rp250,000
3	Gate Valve Flange 4" Kitz	2	Pcs	Rp4,200,000	Rp8,400,000
4	Gate Valve Flange 2" Kitz	1	Pcs	Rp2,275,000	Rp2,275,000
5	Butterfly Valve Aluminium Lever Handle 3" Kitz	2	Pcs	Rp1,385,000	Rp2,770,000
6	Ball Valve Drat Kuningan Class 400 1" Kitz	1	Pcs	Rp365,000	Rp365,000
7	Ball Valve Drat Kuningan Class 400 1/2" Kitz	2	Pcs	Rp210,000	Rp420,000
8	Strainer Y Flange 3"	2	Pcs	Rp1,300,000	Rp2,600,000
9	Pressure Gauge SS 4" 0-10 bar Drat 1/2" NPT Wika	2	Pcs	Rp750,000	Rp1,500,000
10	Pipa PPR Rucika 4"	28	Batang	Rp1,250,000	Rp35,000,000
11	Pipa PPR Rucika 2"	8	Batang	Rp290,000	Rp2,320,000
12	Tee PPR Rucika 4"	2	Pcs	Rp350,000	Rp700,000
13	Reducer PPR Rucika 4" x 2"	4	Pcs	Rp173,000	Rp692,000
14	Elbow PPR Rucika 4"	11	Pcs	Rp245,000	Rp2,695,000
15	Elbow PPR Rucika 2"	4	Pcs	Rp55,000	Rp220,000
16	Sock Coupler PPR Rucika 4"	20	Pcs	Rp157,000	Rp3,140,000
17	Sock Coupler PPR Rucika 2"	10	Pcs	Rp37,000	Rp370,000
18	Flange Stub End PPR + Back Ring Besi Set 4"	2	Set	Rp275,000	Rp550,000
19	Flange Stub End PPR + Back Ring Besi Set 2"	1	Set	Rp190,000	Rp190,000
20	Sok Drat Dalam Female PPR 2" Rucika Kelen	4	Pcs	Rp385,000	Rp1,540,000
21	Sok Drat Dalam Female PPR 1" Rucika Kelen	2	Pcs	Rp78,000	Rp156,000
22	Pipa PVC AW 6" x 4m Rucika	2	Pcs	Rp865,000	Rp1,730,000
23	Pipa PVC AW 3" x 4m Rucika	2	Pcs	Rp865,000	Rp1,730,000
24	Tee Reducer PVC AW 6" x 3" Rucika	3	Pcs	Rp280,000	Rp840,000
25	Dop PVC AW 6" Rucika	2	Pcs	Rp100,000	Rp200,000
26	Sok PVC AW 6" Rucika	1	Pcs	Rp165,000	Rp165,000
27	Sok PVC AW 3" Rucika	3	Pcs	Rp40,000	Rp120,000
28	Elbow PVC AW 3" Rucika	3	Pcs	Rp52,000	Rp156,000
29	Flange PVC AW 3" Rucika	3	Pcs	Rp60,000	Rp180,000
30	Blind Flange Besi JIS10K 6"	1	Pcs	Rp235,000	Rp235,000
31	Flange Besi JIS10K 4"	2	Pcs	Rp85,000	Rp170,000
32	Flange Besi JIS10K 3"	4	Pcs	Rp80,000	Rp320,000
33	Flange Besi JIS10K 2"	2	Pcs	Rp50,000	Rp100,000
34	Pipa Galvanis Medium 1"	1	Batang	Rp445,000	Rp445,000
35	Incian Drat Pipa Besi 4" x 15 cm	2	Pcs	Rp275,000	Rp550,000
36	Incian Drat Pipa Besi 3" x 15 cm	2	Pcs	Rp155,000	Rp310,000
37	Incian Drat Pipa Galvanis 2" x 15 cm	2	Pcs	Rp80,000	Rp160,000
38	Incian Drat Pipa Galvanis 1" x 15 cm	2	Pcs	Rp30,000	Rp60,000
39	Incian Drat Pipa Galvanis 1/2" x 15 cm	4	Pcs	Rp25,000	Rp100,000
40	Sok Drat Luar Galvanis 1/2"	3	Pcs	Rp10,000	Rp30,000
41	Watermur Galvanis 1"	2	Pcs	Rp38,000	Rp76,000
42	Elbow 90deg Plain Drat Galvanis 1"	5	Pcs	Rp18,000	Rp90,000
43	Elbow 90deg Plain Drat Galvanis 1/2"	4	Pcs	Rp10,000	Rp40,000
44	Tee Drat Galvanis 1"	2	Pcs	Rp25,000	Rp50,000
45	Tee Drat Galvanis 1/2"	2	Pcs	Rp20,000	Rp40,000
46	Reducer Concentric Drat Galvanis 1" x 1/2"	2	Pcs	Rp20,000	Rp40,000

NO	NAMA BARANG	QTY	SATUAN	HARGA	TOTAL
47	Vlok Sok Reducer Kuningan Male 1/2" x Female 1/4"	2	Pcs	Rp18,000	Rp36,000
48	Reducer Sanitary Concentric Las SS304 2,5" x 2"	4	Pcs	Rp150,000	Rp600,000
49	Ferrule Sanitary Las SS304 2,5"	4	Pcs	Rp65,000	Rp260,000
50	Ferrule Sanitary Las SS304 2"	4	Pcs	Rp60,000	Rp240,000
51	Ferrule Sanitary Drat Luar Male SS304 2"	4	Pcs	Rp350,000	Rp1,400,000
52	Clamp Ferrule Sanitary SS304 2,5"	4	Pcs	Rp100,000	Rp400,000
53	Clamp Ferrule Sanitary SS304 2"	4	Pcs	Rp80,000	Rp320,000
54	Seal Silicone Tri Clamp Sanitary 2,5"	4	Pcs	Rp20,000	Rp80,000
55	Seal Silicone Tri Clamp Sanitary 2"	4	Pcs	Rp18,500	Rp74,000
56	Packing Karet Flange 4" inch	6	Pcs	Rp23,000	Rp138,000
57	Packing Karet Flange 3" inch	8	Pcs	Rp21,000	Rp168,000
58	Packing Karet Flange 2" inch	4	Pcs	Rp13,000	Rp52,000
59	Lem Pipa PVC Kaleng 400g Isarplas	1	Pcs	Rp70,000	Rp70,000
60	Baut + Mur Galvanis M16 x 100	20	Pcs	Rp12,500	Rp250,000
61	Baut + Mur Galvanis M16 x 60	100	Pcs	Rp5,000	Rp500,000
62	Ring Plat M16	250	Pcs	Rp200	Rp50,000
63	Ring Peer M16	250	Pcs	Rp200	Rp50,000
TOTAL					Rp82,278,000



PROCESS & UTILITY DISTRIBUTION - UNIT 8B

