

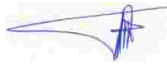
No : _____
Tanggal : 31 Agustus 2026
Dari : Engineering

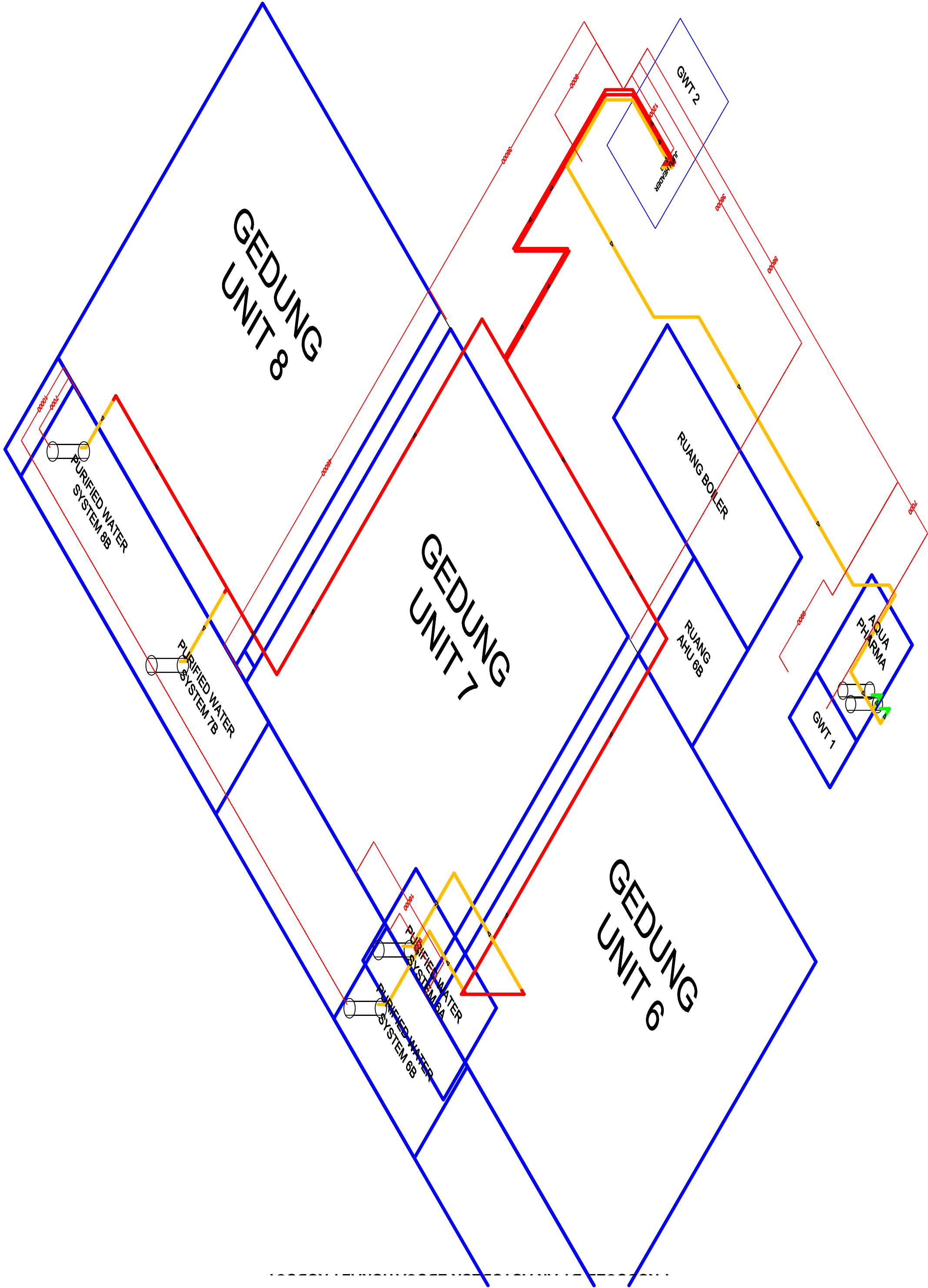
SURAT PERMINTAAN BARANG

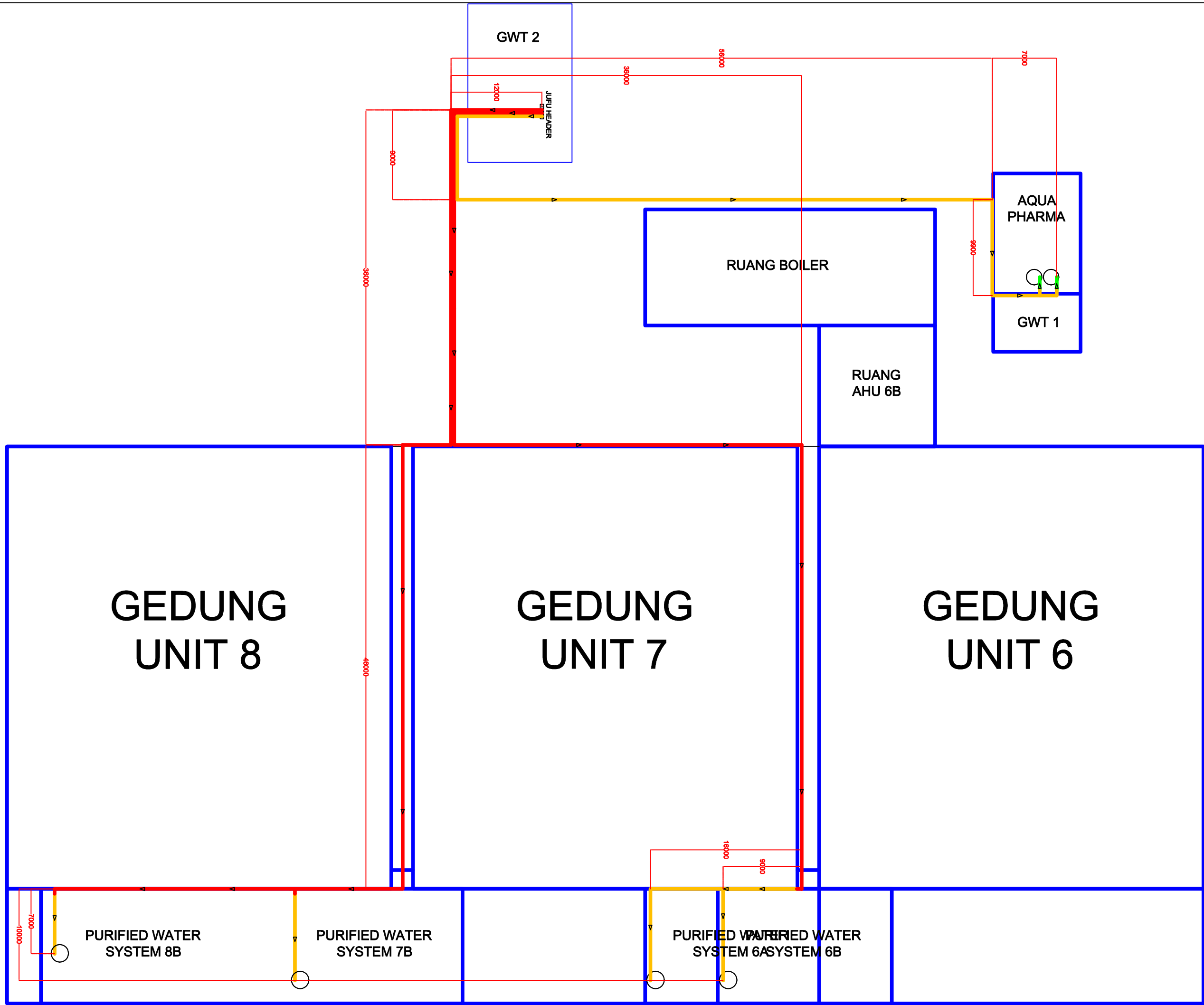
No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
1	IMO18069	Reducer Sanitary Concentric Las SS304 2,5" x 2"	Utility Engineering	-	-	-	-	4	Pcs	19-10-26	1. Inventaris		Permintaan Tahap 3 Untuk Instalasi Jalur Pipa (Transfer Line) Project Aktivasi Sistem JUFU (Reverse Osmosis Industrial). No Inventaris JUFU : 1102-25-1-01321-2
2	IMO06064	Ferrule Sanitary Las SS304 2,5"	Utility Engineering	-	-	-	-	6	Pcs	19-10-26	2. Spareparts		
3	IMO06064	Ferrule Sanitary Las SS304 2"	Utility Engineering	-	-	-	-	6	Pcs	19-10-26	3. Consumable		
4	IMO06064	Ferrule Sanitary Drat Luar Male SS304 2"	Utility Engineering	-	-	-	-	6	Pcs	19-10-26	4. Jasa		
5	IMO03083	Clamp Ferrule Sanitary SS304 2,5"	Utility Engineering	-	-	-	-	8	Pcs	19-10-26	5. Project	v	
6	IMO03083	Clamp Ferrule Sanitary SS304 2"	Utility Engineering	-	-	-	-	8	Pcs	19-10-26			
7	IMO20420	Seal Silicone Tri Clamp Sanitary 2,5"	Utility Engineering	-	-	-	-	10	Pcs	19-10-26			
8	IMO20420	Seal Silicone Tri Clamp Sanitary 2"	Utility Engineering	-	-	-	-	10	Pcs	19-10-26			
9	IMO11107	Packing Karet Flange 4" inch	Utility Engineering	-	-	-	-	8	Pcs	19-10-26			
10	IMO11107	Packing Karet Flange 3" inch	Utility Engineering	-	-	-	-	10	Pcs	19-10-26			
11	IMO11107	Packing Karet Flange 2" inch	Utility Engineering	-	-	-	-	6	Pcs	19-10-26			
12	IMO19048	Seal Tape	Utility Engineering	-	-	-	-	35	Pcs	19-10-26			
13	PGDG00270	Lem Pipa PVC Kaleng 400g Isarplas	Utility Engineering	-	-	-	-	2	Pcs	19-10-26			
14	IMO02003	Baut + Mur Galvanis M16 x 100	Utility Engineering	-	-	-	-	50	Pcs	19-10-26			
15	IMO02003	Baut + Mur Galvanis M16 x 60	Utility Engineering	-	-	-	-	100	Pcs	19-10-26			
16	IMO18021	Ring Plat M16	Utility Engineering	-	-	-	-	250	Pcs	19-10-26			
17	IMO18212	Ring Per M16	Utility Engineering	-	-	-	-	250	Pcs	19-10-26			

PERMINTAAN MATERIAL TAHAP 3 UNTUK INSTALASI JALUR PIPA (TRANSFER LINE) PROJECT AKTIVASI SISTEM JUFU

Situasi :

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori	Keterangan
				Tanggal	Jumlah	No SPB	Supplier					
Saat ini sedang berlangsung proyek aktivasi sistem JUFU (Reverse Osmosis Industrial) yang dirancang untuk menghasilkan air produk dengan spesifikasi kualitas yang jauh lebih tinggi dan konstan dibandingkan tap water. Pengalihan sumber air baku ke air produk JUFU bertujuan untuk meningkatkan efisiensi pemurnian, memperpanjang umur pakai membran RO dan EDI pada PW Generator. Meskipun proses aktivasi JUFU sedang berjalan, saat ini belum tersedia jalur pipa (transfer line) yang menghubungkan titik keluaran air produk JUFU menuju raw water tank PW Generator. Tanpa adanya instalasi perpipaan distribusi ini, air produk JUFU tidak dapat dialirkan untuk menggantikan penggunaan tap water. Target : • Penyediaan Jalur Distribusi Air Produk JUFU: Menginstalasi jalur perpipaan distribusi khusus dari outlet produk JUFU menuju ke raw water tank PW Generator secara terintegrasi dan rapi. • Transisi Sumber Air Baku PW Generator: Memungkinkan proses switch-over pasokan air baku PW Generator dari tap water ke air produk JUFU secara mulus (smooth transition) tanpa mengganggu kontinuitas operasional unit PW yang sedang berjalan. • Menjaga Kualitas Air & Efisiensi Sistem PW: Memastikan material pipa yang digunakan tidak mengontaminasi air produk JUFU, sehingga beban kerja sistem pemurnian PW Generator berkurang dan efisiensi operasional meningkat. Proposal : Pengadaan material piping distribusi air produk JUFU dengan rincian kebutuhan material terlampir pada RAB.												
Tanda tangan Pemohon (nama jelas)   Ajeng Ayu D M. Ardhanry Rafi			Tanda Tangan Mengetahui (nama jelas)  Firman Ardi Busono				Tanda Tangan Menyetujui (nama jelas)  Hermawan Widyaprasetya					





RAB Piping Distribution JUJU

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
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"	6	Pcs	Rp65,000	Rp390,000
50	Ferrule Sanitary Las SS304 2"	6	Pcs	Rp60,000	Rp360,000
51	Ferrule Sanitary Drat Luar Male SS304 2"	6	Pcs	Rp350,000	Rp2,100,000
52	Clamp Ferrule Sanitary SS304 2,5"	8	Pcs	Rp100,000	Rp800,000
53	Clamp Ferrule Sanitary SS304 2"	8	Pcs	Rp80,000	Rp640,000
54	Seal Silicone Tri Clamp Sanitary 2,5"	10	Pcs	Rp20,000	Rp200,000
55	Seal Silicone Tri Clamp Sanitary 2"	10	Pcs	Rp18,500	Rp185,000
56	Packing Karet Flange 4" inch	8	Pcs	Rp23,000	Rp184,000
57	Packing Karet Flange 3" inch	10	Pcs	Rp21,000	Rp210,000
58	Packing Karet Flange 2" inch	6	Pcs	Rp13,000	Rp78,000
59	Seal Tape	35	Pcs	Rp6,000	Rp210,000
60	Lem Pipa PVC Kaleng 400g Isarplas	2	Pcs	Rp70,000	Rp140,000
61	Baut + Mur Galvanis M16 x 100	50	Pcs	Rp12,500	Rp625,000
62	Baut + Mur Galvanis M16 x 60	100	Pcs	Rp5,000	Rp500,000
63	Ring Plat M16	250	Pcs	Rp200	Rp50,000
64	Ring Peer M16	250	Pcs	Rp200	Rp50,000
TOTAL					Rp84,948,000