

**HARGA PERKIRAAN SENDIRI (HPS)**  
**BELANJA PEMBANGUNAN GEDUNG RAWAT INAP LANTAI 3 (DBHCHT) (08.04)**  
**PADA RUMAH SAKIT JIWA DAERAH SURAKARTA**  
**TAHUN ANGGARAN 2023**

NO	JENIS BARANG/JASA	SATUAN	VOL	HARGA/BIAYA	PAJAK %	JUMLAH	KETERANGAN
1	<b>MATA PEMBAYARAN UMUM</b>						
2	<b>SMK3</b>						
3	Pembuatan Kartu Identitas Pekerja (KIP);	Org	100,00	250,00	11	27.750,00	
4	Sosialisasi dan Promosi K3 terdiri atas: Induksi K3 (Safety Induction ); khusus untuk pekerja baru	unit	1,00	100.000,00	11	111.000,00	
5	Bekerja di Ketinggian	Org	50,00	21.000,00	11	1.165.500,00	
6	K3 Peralatan Konstruksi 86 Penggunaan bahan kimia (MSDS)	Org	5,00	10.000,00	11	55.500,00	
7	Analysis Keselamatan Pekerjaan	Org	5,00	10.000,00	11	55.500,00	
8	Perilaku Berbasis Keselamatan (Budaya K3)	Org	50,00	10.000,00	11	555.000,00	
9	K3 Listrik	Org	25,00	10.000,00	11	277.500,00	
10	P3K	unit	1,00	455.000,00	11	505.050,00	
11	Simulasi K3;	Org	50,00	10.000,00	11	555.000,00	
12	Spanduk (banner) ;	Lb	4,00	110.000,00	11	488.400,00	
13	Poster;	Lb	4,00	110.000,00	11	488.400,00	
14	Papan Informasi K3.	Bh	1,00	500.000,00	11	555.000,00	
15	Alat Pelindung Kerja terdiri atas ;						
16	Sewa Jaring Pengaman (Safety Net);	unit	1,00	1.000.000,00	11	1.110.000,00	
17	Sewa Tali Keselamatan (Life Line);	unit	1,00	1.000.000,00	11	1.110.000,00	
18	Sewa Pagar Pengaman (Guard Railing);	unit	1,00	4.000.000,00	11	4.440.000,00	
19	Sewa Pembatas Area (Restricted Area ).	unit	1,00	2.000.000,00	11	2.220.000,00	
20	Alat Pelindung Diri terdiri atas:						
21	Sewa Topi Pelindung (Safety Helmet) ;	Bh	100,00	11.000,00	11	1.221.000,00	
22	Pelindung Mata (Goggles, Spectacles);	Psg	20,00	21.000,00	11	466.200,00	
23	Sewa Pelindung Pernafasan Dan Mulut (Masker);	Bh	50,00	7.100,00	11	394.050,00	
24	Sarung Tangan (Safety Gloves);	Psg	50,00	7.100,00	11	394.050,00	
25	Sepatu Keselamatan (Safety Shoes);	Psg	20,00	221.000,00	11	4.906.200,00	
26	Sepatu Karet;	Psg	100,00	40.000,00	11	4.440.000,00	
27	Sewa Penunjang Seluruh Tubuh (Full Body Harness);	Bh	5,00	221.000,00	11	1.226.550,00	
28	Rompi Keselamatan (Safety Vest);	Bh	100,00	30.000,00	11	3.330.000,00	
29	Jas Hujan	Bh	30,00	110.000,00	11	3.663.000,00	
30	Asuransi Dan Perijinan terdiri atas :						
31	BPJS Ketenagakerjaan Dan Kesehatan Kerja;	unit	1,00	13.943.000,00	11	15.476.730,00	
32	Petugas Tanggap Darurat;	OB	1,00	2.100.000,00	11	2.331.000,00	
33	Petugas P3K;	OB	1,00	2.100.000,00	11	2.331.000,00	
34	Petugas Medis.	OB	1,00	2.100.000,00	11	2.331.000,00	
35	Pengadaan Alat Cek Suhu	bh	2,00	410.000,00	11	910.200,00	
36	Pengadaan APD Khusus						
37	masker kain	bh	100,00	1.000,00	11	111.000,00	
38	pemeriksaan kesehatan	org	50,00	25.000,00	11	1.387.500,00	
39	Rambu- Rambu terdiri atas :Rambu Petunjuk;	Bh	4,00	110.000,00	11	488.400,00	
40	Rambu Larangan;	Bh	4,00	110.000,00	11	488.400,00	
41	Rambu Peringatan;	Bh	4,00	110.000,00	11	488.400,00	
42	Rambu Kewajiban;	Bh	4,00	110.000,00	11	488.400,00	
43	Rambu Informasi;	Bh	4,00	110.000,00	11	488.400,00	
44	Tongkat Pengatur Lalu Lintas (WarningLights Stick) ;	Bh	2,00	110.000,00	11	244.200,00	
45	Kerucut Lalu Lintas (Traffic Cone) ;	Bh	5,00	100.000,00	11	555.000,00	
46	Lampu Putar (Rotary Lamp) ;	Bh	2,00	100.000,00	11	222.000,00	
47	Lain- Lain Terkait Pengendalian Risiko K3 Alat Pemadam Api Ringan (APAR); 10Kg	Bh	3,00	710.000,00	11	2.364.300,00	
48	Sirine;	Bh	1,00	310.000,00	11	344.100,00	
49	Bendera K3;	Bh	2,00	210.000,00	11	466.200,00	
50	Jalur Evakuasi (Escape Route) ;	unit	2,00	1.000.000,00	11	2.220.000,00	
51	Lampu Darurat (Emergency Lamp) ;	Bh	2,00	70.000,00	11	155.400,00	
52	Program Inspeksi Dan Audit Internal;	Org	1,00	1.000.000,00	11	1.110.000,00	
53	Pelaporan dan Penyelidikan Insiden.	unit	1,00	2.100.000,00	11	2.331.000,00	
54	Uji Kualitas Udara	titik	3,00	1.100.000,00	11	3.663.000,00	
55	<b>MATA PEMBAYARAN KHUSUS</b>						
56	<b>PEKERJAAN ARSITEKTUR</b>						
57	PEKERJAAN STANDAR						
58	PEKERJAAN PERSIAPAN						
59	Pekerjaan Pembersihan Lokasi dan Pembuangan keluar site	m <sup>2</sup>	4710,96	6.435	11	33.649.680,64	
60	Pekerjaan Papan Nama	bh	1,00	934.691	11	1.037.507,02	
61	Pekerjaan Pengukuran Ulang Lapangan	m <sup>2</sup>	4710,96	3.800	11	19.870.829,28	
62	Pekerjaan Air dan Listrik Kerja	bln	6,00	5.000.000	11	33.300.000,00	
63	Sewa Lift Barang / Alimak kap. 2 ton ( Termasuk Operator, Asuransi dan	bulan	5,00	28.050.000	11	155.677.500,00	
64	Biaya Mob Demob, Erection Dismantion dan Pembongkaran	unit	1,00	7.810.000	11	8.669.100,00	
63	PEKERJAAN ARSITEK						
64	PEKERJAAN PASANGAN DAN PELAPIS DINDING						
65	LANTAI DUA						
66	Memasang RailGuard	m <sup>1</sup>	107,20	920.522,74	11	109.534.841,88	
67	LANTAI TIGA						
68	Memasang dinding bata ringan 200 x 600 x 100 mm	m <sup>2</sup>	2661,86	137.919,88	11	407.506.987,07	
69	Membuat plesteran + Acian semen instan	m <sup>2</sup>	5057,53	101.627,42	11	570.521.935,27	

70	Balok praktis uk. 10x15 cm	m <sup>1</sup>	405,35	101.286,71	11	45.572.790,37
71	Kolom praktis uk. 10x10 cm	m <sup>1</sup>	384,12	73.890,33	11	31.504.856,45
72	Meja beton tebal 10 cm	m <sup>3</sup>	0,44	2.402.999,95	11	1.173.625,18
73	Memasang dinding homogeneous tile 30x60cm Polished	m <sup>2</sup>	810,97	323.120,43	11	290.865.482,38
74	Memasang Hospital Plint t=10cm	m <sup>1</sup>	1046,7	158.217,55	11	183.823.003,64
75	Memasang RailGuard	m <sup>1</sup>	107,2	920.522,73	11	109.534.840,69
76	Meja beton finish Homogeneous Tile 60 x 60 cm Polished	m <sup>2</sup>	7,98	287.799,43	11	2.549.269,79
77	PEKERJAAN PASANGAN LANTAI					
78	LANTAI TIGA					
79	Memasang lantai homogeneous tiles 60 x 60 cm Polished	m <sup>2</sup>	1324,20	287.799,43	11	423.024.774,92
80	Memasang lantai homogeneous tiles unpolish 60 x 60 cm	m <sup>2</sup>	119,22	302.814,43	11	40.072.705,34
81	Memasang lantai homogeneous tiles unpolish 60 x 60 cm Tangga	m <sup>2</sup>	40,68	302.814,43	11	13.673.525,02
82	Memasang Step Noising homogeneous Tile 5 x 30 cm Unpolished	m <sup>1</sup>	57,6	50.285,55	11	3.215.056,92
83	Memasang waterproofing toilet	m <sup>2</sup>	119,22	93.600,00	11	12.386.481,12
84	PEKERJAAN PASANGAN PLAFOND					
85	LANTAI TIGA					
86	Pemasangan plafond Gypsumboard + Rangka	m <sup>2</sup>	1293,49	109.963,03	11	157.882.048,44
87	Pemasangan plafond GypsumBoard Wet Area + Rangka	m <sup>2</sup>	143,77	115.771,19	11	18.475.310,62
88	Plafond exposed	m <sup>2</sup>	10,97	48.043,33	11	585.009,22
89	Drop Ceilling GypsumBoard + Rangka	m <sup>1</sup>	27,60	109.963,03	11	3.368.827,39
90	PEKERJAAN SANITAIR					
91	LANTAI TIGA					
92	Kloset duduk lengkap dengan aksesoris	set	6,00	3.294.346,63	11	21.940.348,56
93	Kloset duduk Pasien lengkap dengan aksesoris	set	18,00	3.291.465,10	11	65.763.472,70
94	Wastafel gantung lengkap dengan aksesoris	set	19,00	1.098.683,30	11	23.171.230,80
95	Pemasangan Wastafel Undercounter lengkap dengan aksesoris	set	8	2.101.716,10	11	18.663.238,97
96	Cove lighth wastafel	bh	8,00	335.527,50	11	2.979.484,20
97	Kaca cermin	bh	9,25	291.060,00	11	2.988.458,55
98	Jet washer	set	24,00	954.030,00	11	25.415.359,20
99	Tissue holder	bh	24,00	489.142,50	11	13.030.756,20
100	Hand shower lengkap dengan aksesoris	set	18	1.592.745,00	11	31.823.045,10
101	Shower Curtain lengkap dengan aksesoris	m <sup>1</sup>	37,32	275.000,00	11	11.391.930,00
102	Towel bar (Stainless steel)	bh	18,00	489.142,50	11	9.773.067,15
103	Soap holder	bh	18,00	120.789,90	11	2.413.382,20
104	Hand railling Stainless Steel dia. 2" di toilet difable dan toilet R. Inap	bh	20,00	343.506,24	11	7.625.838,53
105	Long Hand railling Stainless Steel dia. 2	bh	16,00	687.012,48	11	12.201.341,64
106	HandRailling Swing Stainless Steel dia. 2"	bh	20,00	687.012,48	11	15.251.677,06
107	Urinoir	bh	4,00	3.544.867,81	11	15.739.213,08
108	Partisi Urinoir	bh	3,00	1.455.300,00	11	4.846.149,00
109	Floor drain	bh	48,00	354.893,00	11	18.908.699,04
110	Memasang meja zink satu lubang	bh	19,00	1.386.000,00	11	29.230.740,00
111	Memasang Spoel Hook	bh	3,00	6.493.344,00	11	21.622.835,52
112	Memasang kran air panas dingin spoelhoek	bh	3,00	788.287,50	11	2.624.997,38
113	PEKERJAAN PENGECATAN					
114	LANTAI TIGA					
115	Pengecatan dinding emulsion paint	m <sup>2</sup>	3156,75	26.016,36	11	91.161.130,32
116	Pengecatan plafond Emulsion paint	m <sup>2</sup>	1437,26	28.546,36	11	45.541.680,92
117	Pengecatan plafond weathershield paint	m <sup>2</sup>	309,50	50.596,04	11	17.382.016,56
118	PEKERJAAN RAILLING DAN HAND RAILLING					
119	LANTAI SATU					
120	Hand railling menempel di tangga darurat ( R5 )	m <sup>1</sup>	16,84	270.000,00	11	5.046.948,00
121	LANTAI DUA					
122	Railling tangga di tangga darurat ( R5 )	m <sup>1</sup>	22,7	534.000	11	13.455.198,00
123	Hand railling menempel di tangga darurat ( R6 )	m <sup>1</sup>	16,84	270.000,00	11	5.046.948,00
124	LANTAI TIGA					
125	Railling tangga di tangga darurat ( R5 )	m <sup>1</sup>	22,7	534.000,00	11	13.455.198,00
126	Hand railling menempel di tangga darurat ( R6 )	m <sup>1</sup>	16,84	270.000,00	11	5.046.948,00
127	Dinding Parapet Di Belakang CW Finish Cat Emulsion Paint ( R2 )	m <sup>2</sup>	118,65	475.000,00	11	62.558.212,50
128	Penutup Dinding Parapet Multiplex 12mm lapis HPL ( R2 )	m <sup>1</sup>	94,92	376.726,60	11	39.692.366,65
129	PEKERJAAN NON STANDAR					
130	PEKERJAAN ARSITEK					
131	PEKERJAAN PELAPIS DINDING, PELAPIS LANTAI DAN PERABOT TETAP					
132	LANTAI TIGA					
133	Pekerjaan homogeneous tile 60x60 polished finish garda pintu lift	m <sup>2</sup>	39,90	323.120,43	11	14.310.680,72
134	Meja Counter	m <sup>1</sup>	11,30	4.500.000,00	11	56.443.500,00
135	PEKERJAAN RUMAH GAS MEDIS					
136	Memasang dinding bata ringan 200 x 600 x 100 mm	m <sup>2</sup>	79,20	137.919,88	11	12.124.812,49
137	Membuat plesteran semen instan	m <sup>2</sup>	158,40	63.310,75	11	11.131.549,31
138	Membuat acian semen instan	m <sup>2</sup>	158,40	33.193,28	11	5.836.175,26
139	Kolom Praktis 10x10cm	m <sup>1</sup>	8,40	73.890,33	11	688.953,44
140	Memasang Floor Harderner	m <sup>2</sup>	30,00	128.000,00	11	4.262.400,00
141	Memasang Screed Lantai 1pc : 3ps	m <sup>1</sup>	30,00	68.000,00	11	2.264.400,00
142	Plafond Exposed	m <sup>2</sup>	30,00	48.043,33	11	1.599.842,89
143	Cat WeatherShield	m <sup>2</sup>	174,52	48.066,04	11	9.311.218,68
144	Double Steel Door	unit	1,00	18.018.000,00	11	19.999.980,00
145	Aluminium jendela louvre	unit	5,00	3.453.500,00	11	19.166.925,00
146	Exhaust Fan+Instalasi	unit	2,00	852.500,00	11	1.892.550,00
147	Lampu TL LED 1 x 18W DustProof	unit	4,00	518.008,33	11	2.299.956,99
148	Stop Kontak 3 Phase	unit	3,00	39.407,50	11	131.226,98
149	Stop Kontak 1 Phase	unit	2,00	39.407,50	11	87.484,65
150	Saklar ganda	unit	1,00	55.962,50	11	62.118,38
151	Instalasi penerangan, NYM 3 x 2,5 mm2 dalam conduit PVC	titik	4,00	223.080,00	11	990.475,20
152	Instalasi stop kontak, NYM 3 x 2,5 mm2 dalam conduit PVC	titik	5,00	257.180,00	11	1.427.349,00

153	Pekerjaan Persiapan	unit	1,00	750.000,00	11	832.500,00
154	Kolom uk. 30x30cm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	2,70	6.187.640,00	11	18.544.357,08
155	Balok ( B1 ) uk. 25x40cm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	1,20	6.012.364,00	11	8.008.468,85
156	Balok ( B2 ) uk. 20x30cm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	0,56	6.012.364,00	11	3.737.285,46
157	Plat atap t=12mm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	7,85	4.636.793,50	11	40.402.700,16
158	Sloof ( S1 ) uk. 25x40cm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	1,20	4.636.793,50	11	6.176.208,94
159	Sloof ( S2 ) uk. 20x30cm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	0,84	4.433.015,00	11	4.133.343,19
160	Pondasi PileCap Uk. 80x80cm Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	1,54	2.899.741,50	11	4.956.818,12
161	Pasir Urug t=10cm bawah PileCap Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	0,38	378.900,00	11	159.820,02
162	Lantai kerja t=5cm bawah PileCap Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	0,19	746.057,50	11	157.343,53
163	Pasir Urug t=10cm bawah Tie Beam Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	0,52	378.900,00	11	218.701,08
164	Lantai kerja t=5cm bawah Tie Beam Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	0,26	746.057,50	11	215.312,19
165	Galian Tanah	m <sup>3</sup>	2,38	47.250,00	11	124.825,05
166	Urugan Tanah	m <sup>3</sup>	9,00	17.292,00	11	172.747,08
167	Plat Beton Dengan Wiremesh M8, T=10cm Mutu Beton K-200 ( Termasuk Penulangan + Bekisting )	m <sup>3</sup>	3,00	3.985.600,00	11	13.272.048,00
168	Strauss Pile Dia 30cm, L= 6 M Mutu Beton K-300 ( Termasuk Penulangan + Bekisting )					
169	a. Galian Strauss	titik	6,00	212.880,00	11	1.417.780,80
170	b. Pek. Beton dan pembesian	m <sup>3</sup>	2,54	1.968.223,92	11	5.549.210,52
171	c. Mob. Demob Alat	unit	1,00	750.000,00	11	832.500,00
172	Lisplank beton t. 10cm	m <sup>3</sup>	1,53	3.287.977,89	11	5.583.972,85
173	PEKERJAAN PASANGAN PINTU DAN JENDELA					
174	LANTAI TIGA					
175	PINTU & JENDELA					
176	P3	unit	20,00	4.982.308,81	11	110.607.255,58
177	PR1	unit	18,00	10.036.274,79	11	200.524.770,30
178	PU2	unit	1,00	22.302.720,00	11	24.756.019,20
179	PS2	unit	13,00	6.775.932,24	11	97.776.702,22
180	PS1	unit	18,00	5.218.290,00	11	104.261.434,20
181	P2	unit	1,00	7.271.945,01	11	8.071.858,96
182	P4	unit	13,00	5.039.134,81	11	72.714.715,31
183	PB	unit	2,00	19.404.000,00	11	43.076.880,00
184	BV-R1	unit	10,00	2.763.998,40	11	30.680.382,24
185	PT18	unit	2,00	16.734.330,27	11	37.150.213,20
186	PT18C	unit	1,00	24.138.756,50	11	26.794.019,72
187	PT19	unit	1,00	14.345.849,14	11	15.923.892,55
188	P2B	unit	4,00	12.109.808,82	11	53.767.551,16
189	P2C	unit	7,00	6.909.990,78	11	53.690.628,36
190	PT5	unit	1,00	20.891.049,08	11	23.189.064,48
191	PJ5	unit	1,00	18.938.176,69	11	21.021.376,13
192	PT4B	unit	1,00	28.229.796,35	11	31.335.073,95
193	PT4C	unit	2,00	2.472.121,55	11	5.488.109,84
194	PT6B	unit	1,00	11.894.025,42	11	13.202.368,22
195	PT6C	unit	1,00	9.414.582,91	11	10.450.187,03
196	PT6D	unit	2,00	6.023.719,91	11	13.372.658,20
197	PT6E	unit	2,00	6.573.753,13	11	14.593.731,95
198	PT6F	unit	1,00	6.459.168,49	11	7.169.677,02
199	J4	unit	1,00	7.651.618,10	11	8.493.296,09
200	PEKERJAAN PERKERASAN DAN SALURAN					
201	Penggalian Tanah dan Pembongkaran saluran eksisting	m <sup>3</sup>	44,73	61.105,00	11	3.033.881,58
202	Pemasangan U-Ditch 60x80 Dari Gedung 5 Lantai Menuju Sungai belakang gedung	m'	93,20	596.493,33	11	61.708.427,98
203	Bak Kontrol uk 80x80	unit	3,00	675.850,00	11	2.250.580,50
204	Bak Kontrol uk 100x100	unit	1,00	987.650,00	11	1.096.291,50
205	Bak Kontrol uk 100x200	unit	1,00	1.975.300,00	11	2.192.583,00
206	Penutup Saluran U-Ditch t. 10cm	m'	93,20	420.000,00	11	43.449.840,00
207	Perbaikan Permukaan jalan aspal dampak pergantian saluran	m <sup>2</sup>	12,00	115.724,39	11	1.541.448,87
208	Saluran Vertikal Gorong gorong dia. 60cm	m'	10,40	450.000,00	11	5.194.800,00
209	Penambahan pipa 3" dan perbaikan saluran Sisi Barat dan Selatan	unit	21,00	175.000,00	11	4.079.250,00
210	Pek. Turap Pasangan Batu Belah	m <sup>3</sup>	222,84	834.221,10	11	206.346.591,22
211	Pek. Aantstampeng Dibawah Talud	m <sup>3</sup>	63,86	467.821,67	11	33.161.351,95
212	Pekerjaat Cut & Fill Area Pagar Turap	m <sup>3</sup>	458,59	87.650,00	11	44.616.908,99
213	Batu Tempel Finish Coating Lapis Turap Pagar Sisi Bawah	m <sup>2</sup>	118,14	293.468,98	11	38.484.172,08
214	Tanah Taman	m <sup>3</sup>	70,08	260.000,00	11	20.225.088,00
215	Coverground rumput gajah mini	m <sup>2</sup>	233,60	85.000,00	11	22.040.160,00
216	Tanaman Hias Ex. Sansivera , Bromelyad	bh	63,00	65.000,00	11	4.545.450,00
217	Pohon Palem Botol t. 2 meter	bh	11,00	650.000,00	11	7.936.500,00
218	PEKERJAAN MEP					
219	PEKERJAAN STANDAR					
220	PLUMBING					
221	INSTALASI AIR BERSIH					



222	LANTAI TIGA					
223	PEMIPAAN					
224	Pipa PPRPN 10 Dia. 20 mm Setara Dia. 1/2"	meter	538,00	23.300,00	11	13.914.294,00
225	Pipa PPRPN 10 Dia. 25 mm Setara Dia. 3/4"	meter	143,00	31.800,00	11	5.047.614,00
226	Pipa PPRPN 10 Dia. 32 mm Setara Dia. 1"	meter	25,00	48.200,00	11	1.337.550,00
227	GATE VALVE					
228	Gate Valve 5K Dia. 20 mm Setara Dia. 1/2"	Buah	1,00	153.385,03	11	170.257,38
229	Gate Valve 5K Dia. 25 mm Setara Dia. 3/4"	Buah	21,00	228.726,20	11	5.331.607,72
230	Gate Valve 5K Dia. 32 mm Setara Dia. 1"	Buah	3,00	374.337,58	11	1.246.544,14
231	Fitting & Material Bantu 10% Dari Harga Pipa (SNI)	Lot	1,00	1.828.780,00	11	2.029.945,80
232	SHAFT					
233	PEMIPAAN					
234	Pipa PPRPN 10 Dia. 63 mm Setara Dia. 2"	meter	211,5	164.800,00	11	38.689.272,00
235	GATE VALVE					
236	Gate Valve 5K Dia. 63 mm Setara Dia. 2"	Buah	17,00	1.949.703,55	11	36.790.905,99
237	Fitting & Material Bantu 10% Dari Harga Pipa (SNI)	Lot	1	3.485.520,00	11	3.868.927,20
238	INSTALASI AIR PANAS					
239	LANTAI TIGA					
240	Pemipaan:					
241	Pipa PPRPN 20 Dia. 20 mm Setara Dia. 1/2"	meter	260,00	31.600,00	11	9.119.760,00
242	Pipa PPRPN 20 Dia. 32 mm Setara Dia. 1"	meter	376,00	75.500,00	11	31.510.680,00
243	Gate Valve					
244	Gate Valve 5K Dia. 20 mm Setara Dia. 1/2"	Buah	8,00	153.385,04	11	1.362.059,16
245	Fitting & Material Bantu 35% Dari Harga Pipa (SNI)	Lot	1,00	12.811.400,00	11	14.220.654,00
246	SHAFT					
247	Pemipaan:					
248	Pipa PPRPN 20 Dia. 32 mm Setara Dia. 1"	meter	229,50	75.500,00	11	19.233.247,50
249	Gate Valve					
250	Gate Valve 5K Dia. 32 mm Setara Dia. 1"	Buah	15,00	374.337,58	11	6.232.720,71
251	Fitting & Material Bantu 10% Dari Harga Pipa (SNI)	Lot	1,00	6.064.537,50	11	6.731.636,63
252	INSTALASI AIR KOTOR, BEKAS DAN VENT					
253	UTILITAS					
254	Tangki Sumur Resapan (Air Bekas)	Unit	2,00	2.385.800,00	11	5.296.476,00
255	Kapasitas 3 m3					
256	Struktur Pondasi By Sipil					
257	LANTAI EMPAT					
258	Pemipaan:					
259	Pipa PVC AW Dia. 1.1/4"	meter	219,00	41.100,00	11	9.990.999,00
260	Pipa PVC AW Dia. 2"	meter	311,50	79.500,00	11	27.488.317,50
261	Pipa PVC AW Dia. 3"	meter	7,00	110.600,00	11	859.362,00
262	Pipa PVC AW Dia. 4"	meter	109,50	146.100,00	11	17.757.724,50
263	Clean Out:					
264	Clean Out Dia. 3"	Buah	18,00	208.600,00	11	4.167.828,00
265	Fitting & Material Bantu 35% Dari Harga Pipa (SNI)	Lot	1,00	17.688.055,00	11	19.633.741,05
266	SHAFT					
267	Pemipaan:					
268	Pipa PVC AW Dia. 2"	meter	245,70	79.500,00	11	21.681.796,50
269	Pipa PVC AW Dia. 4"	meter	245,70	146.100,00	11	39.845.414,70
270	Fitting & Material Bantu 35% Dari Harga Pipa (SNI)	Lot	1,00	19.400.472,00	11	21.534.523,92
271	ELEKTRIKAL					
272	INSTALASI PANEL DAN KABEL FEEDER					
273	LANTAI TIGA					
274	Panel					
275	SDP-2	unit	1,00	26.474.086,03	11	29.386.235,49
276	PP-2	unit	1,00	21.432.875,39	11	23.790.491,68
277	PP-ISO.2	unit	1,00	11.693.324,14	11	12.979.589,80
278	LP-2	unit	1,00	13.481.335,54	11	14.964.282,45
279	PP-AC.2A	unit	1,00	13.442.850,13	11	14.921.563,64
280	PP-AC.2B	unit	1,00	14.038.853,93	11	15.583.127,86
281	Kabel Feeder					
282	Kabel Dari MDP Ke SDP-2					
283	Kabel NYY 4x35 mm2	meter	68,25	335.662,48	11	25.428.950,33
284	Kabel Dari SDP.2 Ke PP-2					
285	Kabel NYY 4x35 mm2	meter	31,50	335.662,48	11	11.736.438,61
286	Kabel Dari SDP-2 Ke PP-ISO.2					
287	Kabel NYY 4x4 mm2	meter	31,50	70.006,88	11	2.447.790,56
288	Kabel Dari SDP-2 Ke LP-2					
289	Kabel NYY 4x4 mm2	meter	31,50	70.006,88	11	2.447.790,56
290	Kabel Dari SDP.2 Ke PP-AC.2A					
291	Kabel NYY 4x4 mm2	meter	31,50	70.006,88	11	2.447.790,56
292	Kabel Dari SDP.2 Ke PP-AC.2B					
293	Kabel NYY 4x4 mm2	meter	31,50	70.006,88	11	2.447.790,56
294	Kabel Dari PP-AC.2A Ke Unit					
295	Kabel NYY 3x4 mm2	meter	378,00	57.417,19	11	24.091.104,58
296	Kabel Dari PP-AC.2B Ke Unit					
297	Kabel NYY 3x4 mm2	meter	441,00	57.417,19	11	28.106.288,68
298	INSTALASI RAK KABEL					
299	Kabel Tray 400x100 mm2	meter	100,00	403.896,57	11	44.832.519,27
300	Kabel Tray 200x100 mm2	meter	100,00	195.101,50	11	21.656.266,50
301	SHAFT					
302	Kabel ladder 600x100 mm2	meter	30,00	181.674,57	11	6.049.763,18
303	Kabel Ladder 200x100 mm2	meter	30,00	439.782,42	11	14.644.754,59
304	INSTALASI PENERANGAN DAN DAYA STOPKONTAK					
305	LANTAI TIGA					

306	Saklar Tunggal	set	43,00	63.516,58	11	3.031.646,36
307	Saklar Ganda	set	31,00	66.219,28	11	2.278.605,42
308	Saklar Tukar	set	2,00	70.273,33	11	156.006,79
309	Lampu T8.TL 2x36W (Surface)	set	18,00	564.758,04	11	11.283.865,64
310	Lampu T8.TL 2x36W (Recessed Mounted Louvre)	set	94,00	767.460,54	11	80.076.832,74
311	Lampu T8.TL 2x36W (Recessed Mounted Louvre) + Battery	set	4,00	1.713.405,54	11	7.607.520,60
312	Lampu T8.TL 2x18W (Recessed Mounted Louver)	set	24,00	767.460,54	11	20.445.148,79
313	Lampu T8.TL 2x18W (Dustproof)	set	9,00	835.028,04	11	8.341.930,12
314	Downlight LED 9 Watt	set	42,00	429.623,04	11	20.029.026,12
315	Downlight LED 18 Watt	set	21,00	672.866,04	11	15.684.507,39
316	Exit Lamp 10 Watt	set	2,00	830.322,56	11	1.843.316,08
317	Stop Kontak 1Phasa	set	33,00	67.120,18	11	2.458.612,19
318	Stop kontak Lantai 1 Phasa	set	13,00	617.214,06	11	8.906.398,89
319	Instalasi Penerangan	titik	214,00	474.591,47	11	112.734.457,78
320	Instalasi Stop Kontak 1 Phasa	titik	46,00	539.456,27	11	27.544.637,15
321	PEKERJAAN NON STANDAR					
	PEKERJAAN PLUMBING					
	PEKERJAAN AIR PANAS					
	LANTAI ATAP					
	Peralatan Utama					
	HEAT PUMP WATER HEATER (Sebagai Back Up)	unit	1,00	102.199.400,00	11	113.441.334,00
	Merk / Type : HICOP / Air to Water					
	Rated / Max Heating Tem : 55°C / 60°C					
	Heating Capacity : 25 kW					
	COP : 4,9					
	Power Input : 5,1 kW					
	Max. Water Temperature : 60°C					
	Power Source : 380/3/50					
	Refrigerant : R410a					
	Compressor Type : Scroll					
	Net Weight : 160 kg					
	Net Size (LxWxH) : 765 x 691 x 1055 mm					
	Operation : 1 Duty, 1 Standby					
	SOLAR PANEL COLLECTOR	unit	14,00	7.141.700,00	11	110.982.018,00
	Type : Super L - Series					
	Aperture Area : 1,86 m					
	Number of riser : 12					
	Riser material : Cu					
	Collector cover : Low iron solar tempered glass 3,2 mm					
	Working / Test pressure : 1000 kPa / 2100 kPa					
	Net Full Weight : 34 kg					
	Net Size (LxWxD) : 1937 x 1022 x 77 mm					
	Warranty : 3 tahun					
	POMPA SIRKULASI SOLAR COLLECTOR - GRUNDFOS	unit	1,00	9.390.700,00	11	10.423.677,00
	Kapasitas pompa   Head : 3 m3/h   14 m					
	Power Supply : 0,46 kW   3 phase					
	Operation : 1 Duty & 1 Stand By					
	POMPA SIRKULASI HEAT PUMP + TANK - GRUNDFOS	unit	1,00	9.933.800,00	11	11.026.518,00
	Kapasitas pompa   Head : 3 m3/h   14 m					
	Power Supply : 0,46 kW   3 phase					
	Operation : 1 Duty & 1 Stand By					
	HOT WATER STORAGE TANK	unit	1,00	128.473.000,00	11	142.605.030,00
	Merk : HICOP Pressure Tank					
	Type : HC-2500-P4					
	Capacity : 2500 Liter					
	Working / Test Pressure : 4 Bar / 6 Bar					
	Material : Stainless Steel SUS 304					
	Dome / shell : 4 mm / 3 mm ( customized )					
	Tank Diameter / Height : 1250 mm / 3200 mm					
	Tank Weight (empty) : 800 kg					
	Outer Skin : Zincallum, ketebalan 0.5 mm					
	Heat Insulation : High density polyurethane 50 mm					
	Accessories : Safety Valve, Pressure Gauge					
	Temp. Gauge, Air Fan, Magnesium Anode					
	Warranty : 1 tahun					
	POMPA RETURN - GRUNDFOS	unit	1,00	10.151.100,00	11	11.267.721,00
	Kapasitas pompa / Head : 3 m3/h   20 m					
	Power Supply : 0,46 kW   3 phase					
	Operation : 1 duty & 1 standby					
	PANEL CONTROL SISTEM HYBRID SOLAR WATER HEATER	unit	1,00	48.625.100,00	11	53.973.861,00
	Merk : HICOP Pressure Tank					
	Heat Insulation : High density polyurethane 50 mm					
	BRACKET SOLAR COLLECTOR	unit	20,00	2.399.000,00	11	53.257.800,00
	MATERIAL PEMIPAAN SISTEM HYBRID SOLAR WATER HEATER	ls	1,00	89.202.800,00	11	99.015.108,00
	Including : Pipa PPR PN 20, support, jacketing					
	fitting, bracket, header & accessories					
	LABOUR COST	ls	1,00	46.773.250,00	11	51.918.307,50
	Instalasi, Testing Commissioning					
322	PEKERJAAN MEKANIKAL					
323	PEKERJAAN AIR CONDITIONING					
324	LANTAI TIGA					
325	Pengadaan dan Pemasangan Unit					
326	Indoor Unit Wall Mounted Type					
327	Wall Mounted Type Kap. 7500 Btu/h (Lengkap Dengan Bracket)	unit	3,00	8.494.666,67	11	28.287.240,01

328	Wall Mounted Type Kap. 9600 Btu/h (Lengkap Dengan Bracket)	unit	1,00	8.814.666,67	11	9.784.280,00	
329	Wall Mounted Type Kap. 12300 Btu/h (Lengkap Dengan Bracket)	unit	2,00	9.134.666,67	11	20.278.960,01	
330	Wall Mounted Type Kap. 15400 Btu/h (Lengkap Dengan Bracket)	unit	1,00	9.710.666,67	11	10.778.840,00	
331	Wall Mounted Type Kap. 19100 Btu/h (Lengkap Dengan Bracket)	unit	18,00	11.246.666,67	11	224.708.400,07	
332	Wall Mounted Type Kap. 24200 Btu/h (Lengkap Dengan Bracket)	unit	2,00	11.758.666,67	11	26.104.240,01	
333	Indoor Unitt Ceilling Cassete Type						
334	Ceilling Cassete Type Kap.30.700 Btu/h (Lengkap Dengan Bracket)	unit	1,00	17.078.133,33	11	18.956.728,00	
335	Ceilling Cassete Type Kap.38.200 Btu/h (Lengkap Dengan Bracket)	unit	2,00	17.406.133,33	11	38.641.615,99	
336	Indoor Unit Ceilling Duct Type						
337	Ceilling Duct Type Kap.24.200 Btu/h (Lengkap Dengan Bracket)	unit	1,00	15.205.333,33	11	16.877.920,00	
338	Outdoor Unit Variable Refrigerant						
339	Outdoor Unit Variable Refrigerant Kap.382.000 Btu/h	unit	1,00	253.328.000,00	11	281.194.080,00	
340	Outdoor Unit Variable Refrigerant Kap.324.000 Btu/h	unit	1,00	222.056.000,00	11	246.482.160,00	
341	Pemipaan Refrigerant						
342	Pekerjaan Pemipaan Refrigerant Pipa ASTMB280 lengkap isolasi tebal 19 mm						
343	Ukuran 6,4 mm	m'	118,00	56.745,55	11	7.432.532,14	
344	Ukuran 9,5 mm	m'	37,00	82.209,44	11	3.376.341,70	
345	Ukuran 12,7 mm	m'	152,00	108.281,11	11	18.269.188,88	
346	Ukuran 15,9 mm	m'	44,00	143.874,44	11	7.026.827,65	
347	Ukuran 19,1 mm	m'	36,00	178.713,88	11	7.141.406,64	
348	Ukuran 22,2 mm	m'	149,00	244.494,25	11	40.436.904,01	
349	Ukuran 28,6 mm	m'	26,00	337.066,66	11	9.727.743,81	
350	Ukuran 34,9 mm	m'	40,00	462.400,00	11	20.530.560,00	
351	Ukuran 41,3 mm	m'	102,00	590.933,33	11	66.905.471,62	
352	Fliting & Material Bantu 35% Dari Harga Pipa (SNI)	lot	1,00	13.333.333,33	11	14.800.000,00	
353	Pipa Drain+Insulasi	meter	248,00	56.960,00	11	15.679.948,80	
354	Rafnet Joint	unit	31,00	1.252.000,00	11	43.081.320,00	
355	Navigation Controller (Remote)	bh	31,00	445.600,00	11	15.333.096,00	
356	Kabel Indoor NYM 3 x 2.5 mm	m'	930,00	28.533,33	11	29.454.956,56	
357	Kabel Outdoor NYY 4 x 35 mm	m'	80,00	396.466,66	11	35.206.239,41	
358	Kabel Kontrol NYMHY 2 x 0.75mm dalam pipa conduit 20 mm	m'	1.172,00	26.000,00	11	33.823.920,00	
359	Freon	kg	69,00	246.666,67	11	18.892.200,26	
360	Panel Indoor & Fan Lt 3	Unit	1,00	14.000.000,00	11	15.540.000,00	
361	Panel Outdoor & Indoor Lt dasar & Lt 3	Unit	1,00	20.666.666,66	11	22.939.999,99	
362	Ducting Polyurethane						
363	18" x 14"	m'	15,00	657.416,66	11	10.945.987,39	
364	14" x 10"	m'	3,00	507.150,00	11	1.688.809,50	
365	12" X 8"	m'	4,00	432.016,67	11	1.918.154,01	
366	8 X 6"	m'	4,00	319.316,66	11	1.417.765,97	
367	Plenum Return	unit	1,00	2.232.142,85	11	2.477.678,56	
368	Diffuser & Grille						
369	SAD 14 x 14"	buah	2,00	427.600,00	11	949.272,00	
370	SAD 10 x 10"	buah	2,00	334.000,00	11	741.480,00	
371	FAL 16 x 16"	buah	1,00	661.600,00	11	734.376,00	
372	PEKERJAAN VENTILASI						
373	LANTAI TIGA						
374	Pengadaan dan Pemasangan Fan						
375	Exhaust Fan Ceiling Mounted Type Kap. 100 cfm	unit	29,00	883.928,57	11	28.453.660,67	
376	Exhaust Fan Ceiling Mounted Type Kap. 200 cfm	unit	5,00	4.571.428,57	11	25.371.428,56	
377	Inline Fan Kap. 1400 cfm, ESP 150pa	unit	1,00	9.946.428,57	11	11.040.535,71	
378	Ducting BJLS						
379	16 x 14"	meter	21,00	593.646,43	11	13.837.898,28	
380	12 x 10"	meter	11,00	404.553,57	11	4.939.599,09	
381	12 X 8"	meter	10,00	372.189,28	11	4.131.301,01	
382	8 X 6"	meter	7,00	275.096,42	11	2.137.499,18	
383	Grill						
384	EA 16 x 16"	buah	2,00	508.285,71	11	1.128.394,28	
385	EA 12 x 6"	buah	2,00	332.785,71	11	738.784,28	
386	EA 32 x 16"	buah	1,00	708.857,14	11	786.831,43	
387	Barr Grille 52x16"	buah	1,00	959.571,42	11	1.065.124,28	
388	Pipa PVC dia, 4"	mt	98,00	156.428,57	11	17.016.299,84	
389	Pipa PVC dia, 6"	mt	192,00	268.428,57	11	57.207.496,84	
390	Kabel Fan						
391	Kabel Fan Ceiling NYM 3 x 2.5 mm	m'	204,00	32.428,57	11	7.343.125,39	
392	Kabel Inline NYY 4 x 4 mm	m'	30,00	68.571,42	11	2.283.428,29	
393	PEKERJAAN HYDRANT & FIRE EXTINGUISHER						
394	Pemipaan :						
395	Pipa BSP SCH 40 Dia. 1"	meter	237,00	55.800,00	11	14.679.306,00	
396	Pipa BSP SCH 40 Dia. 1.1/4"	meter	128,00	73.100,00	11	10.386.048,00	
397	Pipa BSP SCH 40 Dia. 1.1/2"	meter	81,00	87.700,00	11	7.885.107,00	
398	Pipa BSP SCH 40 Dia. 2"	meter	92,00	116.900,00	11	11.937.828,00	
399	Pipa BSP SCH 40 Dia. 2.1/2"	meter	99,00	175.000,00	11	19.230.750,00	
400	Pipa BSP SCH 40 Dia. 3"	meter	13,00	222.200,00	11	3.206.346,00	
401	Pipa BSP SCH 40 Dia. 4"	meter	15,00	314.900,00	11	5.243.085,00	
402	Fliting & Material Bantu 35% Dari Harga Pipa (SNI)	lot	1,00	22.881.950,00	11	25.398.964,50	
403	Indoor Hydrant Box	set	3,00	10.700.000,00	11	35.631.000,00	
404	Lengkap Dengan:						
405	-Hose Rack						
406	-Fire Hose Dia. 40 P.30 Meter						
407	-Nozle Dia. 40						
408	-Gate Valve Dia. 40 (Drat)						
409	-Landing Valve Dia. 65/Hydrant Valve (Drat)						
410	Branch Control Valve	unit	1,00	25.414.700,00	11	28.210.317,00	



411	Head Sprinkler	Buah	87,00	459.800,00	11	44.402.886,00
412	Fire Extinguisher	Buah	2,00	1.820.800,00	11	4.042.176,00
413	Orifice	Buah	1,00	3.115.498,67	11	3.458.203,52
414	Sight Glass	Buah	1,00	2.731.114,67	11	3.031.537,28
415	Test Pressure Valve Dia. 1.1/4"	Buah	2,00	640.000,00	11	1.420.800,00
416	Gate Valve 20K Dia. 1.1/4"	Buah	3,00	665.700,00	11	2.216.781,00
417	Gate Valve 20K Dia. 2.1/2"	Buah	4,00	3.290.300,00	11	14.608.932,00
418	Gate Valve 20K Dia. 4"	Buah	1,00	6.201.400,00	11	6.883.554,00
419	SHAFT					
420	Pemipaan :					
421	Pipa BSP SCH 40 Dia. 2"	meter	22,50	116.900,00	11	2.919.577,50
422	Pipa BSP SCH 40 Dia. 4"	meter	22,50	314.900,00	11	7.864.627,50
423	Pipa BSP SCH 40 Dia. 6"	meter	22,50	525.500,00	11	13.124.362,50
424	Fitting & Material Bantu 35% Dari Harga Pipa (SNI)	lot	1,00	7.538.737,50	11	8.367.998,63
425	PEKERJAAN GAS MEDIS					
426	PERALATAN UTAMA					
427	Sentral Fully Automatic Manifold Oxygen (O2) 2 X 10 Cylinder	Set	1,00	232.581.350,00	11	258.165.298,50
428	Type Digital Automatic Change Over Gas Manifold					
429	Digital LCD Pressure Display					
430	NEMA 4x Enclosure					
431	Automatic Leak Detection					
432	Automatic Transducer Diagnostic Testing					
433	The manifold shall comply with the latest edition of NFPA-99					
434	Output Pressure : 0 - 5 Kg/cm2					
435	- Double Stage Pressure Regulator (Total 3 Regulator)					
436	- Digital Pressure Gauge for left and right bank					
437	- Digital Pressure Gauge for Operating Pressure					
438	Header from High Pressure Copper					
439	- Non Return Valve : 24 pcs					
440	- Pig Tails : 24 pcs					
441	Product Includes: UL / CSA / CE / ISO 5175, BS 6158 / EN 730 (BAM / DIN) / AS 4603					
442	Components Designed to: National Fire Protection Association (NFPA - 99 and 51)					
443	Medical Vacuum System Duplex	Unit	1,00	395.386.250,00	11	438.878.737,50
444	Spesifikasi :					
445	Model : BVH 100					
446	Vacuum Type : Oil Lubricate Rotary Vanes					
447	Flow Rate : 100m3/hr or 1667 liter/min					
448	Power : 2.2 KW					
449	Vacuum Level : 0,1 mbar abs or-999 mbar rel					
450	Noise Level : 76dB					
451	Oil Quantity : 5 Liter					
452	Medical Filter M-VAC 0306					
453	Spesifikasi :					
454	Filtration Rate : 99.9% at 1pm					
455	Flow Rate : 50m3/hr @1000mbar					
456	Include : Filter Indicator, Drain Flask & Ball Valve					
457	Automatic Digital Control Power					
458	Total System Power : 2.2 KW					
459	Include :					
460	Vacuum Transducer					
461	Digital Display Power Meter					
462	OMRON PLC & HMI For Automatic Operation					
463	Schneider for MCB & Overload					
464	Operating Modes :					
465	Automatic Switching & Manual for Emergency					
466	Reservoir Tank & Accessories					
467	Tank Capacity : 600 Liters - Horizontal					
468	Tank Material : Mild Steed					
469	Colour & Finishing : Pearl White by Powder Coating & Oven					
470	Ball Valves : Kitz Qty : 9 Pcs					
471	Piping : Seamless Copper Type L ASTM B819					
472	Include : Manhole, Vacuum Gauge & Drain					
473	Inlet Port : 1 Inch					
474	Medical Compressed Air System Duplex	set	1,00	348.500.000,00	11	386.835.000,00
475	Model : BCH 0,75kW					
476	Pressure Switch Type Piston Air Compressor					
477	With Horizontal Tank Mount Type					
478	Motor Output : 0,75 kW					
479	Capacity 75 liter/min@ max pressure 0,93 Mpa					
480	Compressor Speed : 980 /min ; 2 (two) Cylinders					
481	Voltage : 380 Volt / 50Hz / 3 Phase					
482	High Temperature Dryers AMHST					
483	(with Aftercooler in a singel unit)					
484	Capacity : 500 NI /min					
485	Connection : R 1/2" BSP - F					
486	Refrigerant : R134a					
487	Voltage : 220-240V / 1Phase / 50HZ					
488	Pre Filter FTS 008					
489	Air Flow Capacity : 850 NI / min					
490	Degree of Filtration : 1 micron					
491	After Filter FTX 008					
492	Air Flow Capacity : 850 NI / min					

493	Degree of Filtration : 0,01 micron					
494	Activated Carbon FTZ 008					
495	Air Flow Capacity : 850 NI / min					
496	Air Receiver Tank					
497	Capacity : 300 Liter					
498	Material : Mild Steel (Carbon Steel KSS 400)					
499	Aksesories : Safety Valve, Pressure Gauge, Drain, Manhole 6" , Certificate from DEPNAKER					
500	Body & Shell : A36/SS 400					
501	Automatic Control Panel Switch Air Compressor Digital					
502	Pemipaan Gas Medis - ASTM B 819 Seamless Copper Tube Type L					
503	For Oxygen					
504	▪ Ø 1.5/8"	Meter	24,00	1.163.772,00	11	31.002.886,08
505	For Compressed Air					
506	▪ Ø 1.1/8"	Meter	24,00	769.668,00	11	20.503.955,52
507	For Vacuum					
508	▪ Ø 2.1/8"	Meter	24,00	1.764.372,00	11	47.002.870,08
509	• Fitting & Accessories	Lots	1,00	26.624.246,40	11	29.552.913,50
510	INSTALASI GAS MEDIS LANTAI 3					
511	Pemipaan Gas Medis - ASTM B 819 Seamless Copper Tube Type L					
512	For Oxygen					
513	▪ Ø 7/8"	Meter	6,00	629.880,00	11	4.195.000,80
514	▪ Ø 3/4"	Meter	12,00	535.920,00	11	7.138.454,40
515	▪ Ø 5/8"	Meter	72,00	456.120,00	11	36.453.110,40
516	▪ Ø 1/2"	Meter	156,00	365.160,00	11	63.231.105,60
517	▪ Ø 3/8"	Meter	63,00	289.680,00	11	20.257.322,40
518	For Compressed Air					
519	▪ Ø 7/8"	Meter	6,00	629.880,00	11	4.195.000,80
520	▪ Ø 3/4"	Meter	6,00	535.920,00	11	3.569.227,20
521	▪ Ø 5/8"	Meter	12,00	456.120,00	11	6.075.518,40
522	▪ Ø 1/2"	Meter	6,00	365.160,00	11	2.431.965,60
523	▪ Ø 3/8"	Meter	6,00	289.680,00	11	1.929.268,80
524	For Vacuum					
525	▪ Ø 1"	Meter	6,00	805.440,00	11	5.364.230,40
526	▪ Ø 7/8"	Meter	12,00	629.880,00	11	8.390.001,60
527	▪ Ø 3/4"	Meter	72,00	535.920,00	11	42.830.726,40
528	▪ Ø 5/8"	Meter	156,00	456.120,00	11	78.981.739,20
529	▪ Ø 1/2"	Meter	63,00	365.160,00	11	25.535.638,80
530	• Fitting & Accessories	Lots	1,00	39.456.042,00	11	43.796.206,62
531	Medical Gas Wall Mounted Outlet Type MS Pin Index Twist Jiss					
532	• for Oxygen	Units	21,00	2.910.000,00	11	67.832.100,00
533	• for Compressed Air	Units	2,00	2.910.000,00	11	6.460.200,00
534	• for Vacuum	Units	21,00	2.910.000,00	11	67.832.100,00
535	Digital Alarm for 2 Gas	Units	1,00	11.189.400,00	11	12.420.234,00
536	Digital Alarm for 3 Gas	Units	1,00	13.933.200,00	11	15.465.852,00
537	Shut Off Valve for 2 Gas	Units	1,00	10.635.540,00	11	11.805.449,40
538	Shut Off Valve for 3 Gas	Units	1,00	14.207.580,00	11	15.770.413,80
539	Pengadaan Bedhead Panel	Units	21,00	3.111.000,00	11	72.517.410,00
540	- Dimensi : 1200 mm x 220 mm x 80 mm					
541	- Material : Aluminium Extruded - Powder Coating Finished					
542	Accessories :					
543	▪ 3 x Stop Kontak Panasonic					
544	▪ 1 x Saklar Panasonic					
545	PEKERJAAN TRANSPORTASI DALAM GEDUNG					
546	ELEVATOR					
547	Bed Lift	unit	1,00	1.109.593.300,00	11	1.231.648.563,00
548	Jenis : Bed Elevator					
549	Kapasitas : 2000kg					
550	Dimensi : 1600x2600x2500 mm					
551	Kecepatan : 60 Mpm					
552	Lintasan : 5/5					
553	Kelengkapan : ARD					
554	Passenger Lift	unit	1,00	701.417.400,00	11	778.573.314,00
555	Jenis : Passenger Elevator					
556	kapasitas : 1000kg					
557	Kecepatan : 60 Mpm					
558	Lintasan : 5/5					
559	Kelengkapan : ARD					
560	Biaya Pemasangan	unit	2,00	97.500.000,00	11	216.450.000,00
561	Automatic Rescue Device ( ARD )					
562	Separator Beam					
563	- Sparator beam WF. 200.100.5,5.8					
564	- Beam melintang WF. 200.100.5,5.8					
565	- Base plat tebal 10 cm					
566	- Zincromate					
567	- Dynabolt dia. 12 mm, Heavy duty					
568	- Hode dia. 22 mm					
569	Jasa pemasangan & test comm					
570	Biaya izin Kemnaker					
571	Demobilisasi dan Mobilisasi					
572	ELEKTRONIK					
573	PEKERJAAN FIRE ALARM					
574	LANTAI TIGA					
575	Terminal Box Fire Alarm	unit	1,00	3.219.909,36	11	3.574.099,39
576	Smoke Detector	unit	51,00	848.698,86	11	48.044.842,46



577	Heat Detector	unit	1,00	1.013.863,86	11	1.125.388,88
578	Rate Of Rise Detector	unit	1,00	923.773,86	11	1.025.388,98
579	Indicator Lamp	unit	3,00	437.287,86	11	1.456.168,57
580	Break Glass	unit	3,00	383.233,86	11	1.276.168,75
581	Alarm Bell	unit	3,00	671.521,86	11	2.236.167,79
582	EOL	unit	4,00	370.163,08	11	1.643.524,08
583	Instalasi Fire Alarm AWG.18	titik	60,00	377.678,21	11	25.153.368,79
584	Kabel Twisted Pair 18 Awg	meter	373,00	67.100,32	11	27.781.545,49
585	Kabel FRC 2x1.5 mm2	meter	118,00	47.280,52	11	6.192.802,51
586	PEKERJAAN CCTV					
587	LANTAI TIGA					
588	Terminal Box CCTV	set	1,00	3.523.513,87	11	3.911.100,40
589	Indoor Dome Camera	buah	6,00	7.024.153,86	11	46.780.864,71
590	Kabel UTP Cat 6	meter	300,00	32.410,86	11	10.792.816,38
591	PEKERJAAN DATA					
592	Peralatan utama					
593	PC Network Server (Monitoring System )	set	1,00	29.082.673,86	11	32.281.767,98
594	Core Switch 16Port SFP	buah	1,00	14.833.273,86	11	16.464.933,98
595	Cabinet Rack 42U	set	1,00	15.291.822,36	11	16.973.922,82
596	Instalasi kabel UTP CAT 6 dalam rack	buah	1,00	3.196.662,36	11	3.548.295,22
597	Patch Panel RJ45 UTP CAT 6 48 port	buah	1,00	2.271.012,36	11	2.520.823,72
598	Modem	buah	1,00	2.045.153,76	11	2.270.120,67
599	PDU horizontal 8 outlet	buah	5,00	1.191.087,36	11	6.610.534,85
600	Patch Cord UTP CAT6	buah	1,00	527.087,76	11	585.067,41
601	UPS 1 KVA	buah	1,00	3.669.373,86	11	4.073.004,98
602	Testing & comisioning	ls	1,00	3.949.873,86	11	4.384.359,98
603	LANTAI TIGA					
604	Switch Data 32Port	set	1,00	4.617.463,87	11	5.125.384,90
605	Outlet Data (LAN)	buah	8,00	117.682,87	11	1.045.023,89
606	Wifi Akses Point	buah	5,00	2.940.073,87	11	16.317.409,98
607	Instalasi Data (Lan) + Soket data	titik	13,00	581.280,45	11	8.387.876,89
608	PEKERJAAN TELEPHONE					
609	Peralatan utama					
610	Network Communication Manager IP-PBX Enterprise NCM500	unit	1,00	324.345.223,87	11	360.023.198,50
611	Included : 500 User SIP Ext License,120 CCR,8/500 -19" Rackmount,Support					
612	Extention smartphone,windows pc,Macbook,Included 4 Analog co trunk					
613	Telkom,Communication software manager					
614	SwitchHub Telephone 14 Port POE Ds 3E1326P-EI (Untuk lantai 1 & 2)	unit	2,00	2.940.073,87	11	6.526.963,99
615	Inдорack Close Rack IR6020G Glass Door Rak Server 20U Depth	unit	1,00	8.634.223,87	11	9.583.988,50
616	(Pesawat Telephone) Fanvil X1SP SIP Phone for staff - (2SIP, PoE) Untuk Lantai 1	buah	9,00	1.004.623,87	11	10.036.192,46
617	(Pesawat Telephone) Fanvil X1SP SIP Phone for staff - (2SIP, PoE) Untuk Lantai 2	buah	9,00	1.004.623,87	11	10.036.192,46
618	Perijinan Telkom	ls	1,00	1.426.198,82	11	1.583.080,69
619	Testing commissioning	ls	1,00	25.000.000,00	11	27.750.000,00
620	LANTAI TIGA					
621	(Pesawat Telephone) Fanvil X1SP SIP Phone for staff - (2SIP, PoE),	buah	9,00	1.004.623,87	11	10.036.192,46
622	Outlet Telepon	buah	9,00	105.173,08	11	1.050.679,07
623	Instalasi Telepon	titik	9,00	581.280,45	11	5.806.991,70
624	Wallmount Rack 12 U Double door Depth 600mm ( Fortune rack FRPW 9U 19" Depth 600mm )	set	1,00	2.784.214,75	11	3.090.478,37
625	SwitchHub Telephone 14 Port POE Ds 3E1326P-EI	unit	1,00	2.940.073,86	11	3.263.481,98
626	PEKERJAAN MATV					
627	LANTAI TIGA					
628	Splitter 4 Way	buah	1,00	259.167,06	11	287.675,44
629	Booster	buah	5,00	351.058,86	11	1.948.376,67
630	Outlet MATV	buah	24,00	125.267,58	11	3.337.128,33
631	Instalasi MATV	titik	30,00	592.137,45	11	19.718.177,09
632	Kabel Coaxial RG.6+conduit 20 mm	meter	340,00	47.963,93	11	18.101.587,18
633	PEKERJAAN TATA SUARA					
634	Terminal Box Sound System	unit	1,00	758.008,27	11	841.389,18
635	Ceiling Speaker 3 W	unit	46,00	194.405,22	11	9.926.330,53
636	Fire Resistant Horn Speaker	unit	2,00	777.133,57	11	1.725.236,53
637	Volume Control 15 Watt	unit	26,00	460.453,86	11	13.288.698,40
638	Instalasi Tata Suara	titik	74,00	654.569,82	11	53.766.365,01
639	Kabel NYMHY 3x1,5 mm	meter	888,00	108.639,54	11	107.083.821,79
640	FRC 3x2,5 mm	meter	64,00	108.639,54	11	7.717.752,92
641	PEKERJAAN NURSE CALL					
642	LANTAI TIGA					
643	NURSE STATION COMPONENT					
644	INTELLIGENT HEALTHCARE COMMUNICATION HOST	unit	2,00	34.620.000,00	11	76.856.400,00
645	PC SOFTWARE	unit	2,00	75.060.000,00	11	166.633.200,00
646	MEDICAL CARE HOST	unit	2,00	37.170.000,00	11	82.517.400,00
647	CORRIDOR DISPLAY	unit	2,00	19.980.000,00	11	44.355.600,00
648	ROOM INSTALATION COMPONENT					
649	BEDSIDE STATION	unit	21,00	1.740.000,00	11	40.559.400,00
650	BATH STATION	unit	18,00	1.710.000,00	11	34.165.800,00
651	CORRIDOR LIGHT	unit	20,00	1.890.000,00	11	41.958.000,00
652	HANDSET	unit	21,00	594.000,00	11	13.846.140,00
653	CODE BLUE	unit	4,00	1.578.000,00	11	7.006.320,00

	BIAYA JASA INSTALASI					
	JASA PEMASANGAN MATERIAL ROOM INSTALASI DAN	ttk	92,00	1.450.000,00	11	148.074.000,00
	PENGAKABELAN					
	BIASA JASA SETTING, TESTING DAN COMMISIONING	ls	1,00	35.000.000,00	11	38.850.000,00
654	UTILITAS					
655	ELEKTRIKAL					
656	Penyambungan Daya, Panel dan Kabel Feeder					
657	Kabel Dari LVMDP Ke MDP					
658	Kabel NYFGbY 3x(4x150 mm2)	meter	360,00	3.198.667,71	11	1.278.187.616,92
659	Instalasi Power House					
660	Kabel Tray					
661	Kabel Tray 600x100 mm2	meter	15,00	486.479,06	11	8.099.876,35
<b>JUMLAH TOTAL</b>						<b>15.712.469.760,13</b>
<b>PEMBULATAN JUMLAH TOTAL</b>						<b>15.712.469.000,00</b>

Surakarta, 30 Januari 2023  
Direktur RSJD Surakarta  
Kuasa Pengguna Anggaran



**dr. TRI KUNCORO, MMR**  
NIP. 196505261997031006