

**DAFTAR SIMAK HARGA BAHAN BANGUNAN
PEMBANGUNAN GEDUNG POLIKLINIK UNIVERSITAS NEGERI MALANG
KAMPUS UNIVERSITAS NEGERI MALANG, JALAN SEMARANG NO 5 - KOTA MALANG
TAHUN ANGGARAN 2025**

NO	KODE	BAHAN BANGUNAN	SATUAN	SPEKIFIKASI TEKNIS MATERIAL BANGUNAN	MERK
1	M0001	Pasir Urug	m ³	Pasir Wajak/Malang	
2	M0002	Pasir Pasang	m ³	Pasir hitam Lumajang	
3	M0004	Pasir Cor	m ³	Pasir hitam cor (kasar) Lumajang	
4	M0004.a	Pasir Cor	kg	Pasir hitam cor (kasar) Lumajang	
5	M0006	Tanah Urug	m ³	Lokal (Malang Raya)	
6	M0006.a	Tanah Katel Taman	m ³	Tanah taman Batu, Wajak	
7	M0011	Batu Belah Kali	m ³	Batu kali Batu Lumajang, Gempol, Singosari/Lawang	
8	M0013.a	Batu alam (andesit 30/60)	m ²	Batu andesit bakar 30/60 Tulungagung	
9	M0016	Stenslah/batu pecah tangan 3/5	m ³	Batu pecah Malang Raya	
10	M0019	Batu pecah mesin 1/2	m ³	Batu pecah Malang Raya, Pasuruan	
11	M0019.a	Batu pecah mesin 1/2	kg	Batu pecah Malang Raya, Pasuruan	
12	M0024	Bata Merah	bh	Batu merah Malang Raya	
13	M0026	Batu Bata ringan Hebel tb 10 cm (Manual)	bh	Bata ringan ukuran 10x20x60 cm	- Citycon - Dracon - Topcon
14	M0041	Paving Block Segi Empat / Uskup, t=8 cm ex Conblok	m ²	- Paving blok tebal 8cm K400 - Uskup/Mahkota/Segitiga tepi Paving blok tebal 8cm K400	- Conblock - Calvary - Topcon
15	M0051	Portland Cement (PC) gresik	kg	PPC, PCC Tipe 1	- Semen Gresik
16	M0053	Portland Cement (PC) tiga roda	kg		- Semen Tiga Roda
17	M0056	Portland Cement (PC) Warna	kg		- MU - AM
18	M0057	Portland Cement (PC) Grouting	kg		- Sika - AM
19	M0058	Mortar Perekat Bata Ringan	kg		- Citycon Mortar - MU 380 ThinbedMax - SikaMur 130 Thinbed
20	M0069	Buis Beton U Ø 0,20 m	m ¹	Lokal (Malang Raya)	- Turen Indah - ABI/Fass - UPI, dll
21	M0071.a	Beton Ready Mixed K300	m ³	Lokal (Malang Raya)	- Varia Usaha Beton
22	M0071.b	Beton Ready Mixed K350	m ³	- Mutu beton K 300 - Mutu beton K 350	- Unggul Jaya Beton - Jaya Mix - Holcim Ready Mix
23	M0074	Papan (2x20) cm, Kayu Borneo	m ³	Kayu Kelas 3	
24	M0076	Papan (3x30) cm, Kayu Borneo	m ³	Kayu Kelas 3	
25	M0077	Reng 2/3, 3/5, Kayu Meranti	m ³	Kayu Kelas 3	
26	M0078	Usuk 5/7, Kayu Meranti	m ³	Kayu Kelas 3	
27	M0085	Usuk 5/7	m ³	Kayu Kelas 3	
28	M0087	Papan (2x20) cm, Kayu Kruing	m ³	Kayu Kelas 2	
29	M0088	Papan (3x20) cm, Kayu Kruing	m ³	Kayu Kelas 2	
30	M0090	Kayu Dolken diameter 8 cm - 10 cm	btg	Lokal (Malang Raya)	
31	M0090.a	Kayu Perancah II (papan)	m ³	Lokal (Malang Raya)	
32	M0094	Bambu Ø 10 cm	btg	Lokal (Malang Raya)	
33	M0098	Kayu bekesting	m ³	Lokal (Malang Raya)	
34	M0099	Besi Beton Polos	kg	- Tulangan Polos: Mutu BJTP-24 / U24 (fy 240 Mpa) harus baja lunak dengan tegangan leleh 2400 kg/cm2	- Master Steel - Hanil Jaya Steel - Lautan Steel/LS
35	M0105	Kawat Bendrat Baja	kg	SNI	
36	M0106	Besi Beton Ulir	kg	- Tulangan Ulir: Mutu BJTD-42 / TS 420 (fy 420 mpa) harus baja tegangan tarik tinggi. Tegangan leleh fe = antara 400- f_y <500 Mpa.	- Master Steel - Hanil Jaya Steel - Lautan Steel/LS
37	M0108	Plat Strip 15 mm x 5 mm	kg	SNI	- Gunung garuda steel - KS - Lautan Steel/LS , DII
38	M0120	Ramsset / Dynabolt	bh	SNI	
39	M0130	Profil Aluminium Putih 4" ex. Alexindo	m ¹	Kusen aluminium 4" (10 cm)	Alexindo
40	M0131	Profil Aluminium Coklat 4" ex. Alexindo	m ¹	Kusen aluminium 4" (10 cm)	Alexindo
41	M0141	Kawat seng polos	m ¹	SNI	
42	M0143	Kawat Galvanis 3 mm	kg	SNI	
43	M0152	Paku 2", 3", 4"	kg	SNI	
44	M0153	Paku Kayu Segala Ukuran	kg	SNI	
45	M0160	Sekrup segala ukuran	bh	SNI	
46	M0163	Paku Beton	kg	SNI	
47	M0164	Paku Sekrup 3,5"	kg	SNI	

48	M0166	Sealant	tube	Sealant untuk kaca dan ACP	-Kaseal MS-102LM - Sikasil 701 WeatherSeal - Seven seal , dll
49	M0167	Aluminium Strip	m ¹		Alexindo
50	M0169	Profil Kaca	m ¹		- Asahimas - Mulia - Mayatama, Dll
51	M0202	Seng plat BJLS 30 L = 0.90 M	m ¹	SNI	Kencana
52	M0204	Atap Seng Gelombang	lbr	SNI	
53	M0251	Gypsum Board ex Jayaboard	lbr		Jayaboard
54	M0251.a	Kompon Cornice 5 in 1 ex Jayaboard	kg		Jayaboard
55	M0263	Multiplek 9 mm	lbr	SNI	
56	M0271	Plywood (60 x 120) cm x 4 mm	lbr		
57	M0274	Plywood (122x244) 9 mm	lbr		
58	M0282	Kloset Duduk Lux sekualitas Toto	Unit	Kloset duduk toto Type : - CW637PJ/SW637JP - CW633J/SW633JP	Toto
59	M0282.a	Flexible Hose	bh	SNI	
60	M0283	Kran Air 1/2 " T23b13 Stainless sekualitas Toto	bh	Kran Toto Type T23b13	Toto
61	M0285	Bak Mandi Teraso	bh	Lokal	
62	M0291	Bak Cuci Firing Stainless	bh	stainless 304 anti karat	
63	M0293	Urinoir U57M sekualitas Toto	bh	Urinoir Type U 57M (Muslim)	Toto
64	M0300	Wastafel Komplit (Kran + Sipon) Kw. A sekualitas Toto	Unit		Toto
65	M0303	Floor Drain With Mosquito Trap / Floor Drain TX1CV2 ex. Toto	bh	Floordrain Type TX1CV2	Toto
66	M0304	Avour Plastic	bh	SNI	
67	M0306	Kunci Tanam ex. Dekson/Solid	bh		- Dekson - Solid
68	M0312	Engsel casement 15 " ex. Dekson/Solid	bh	Ukuran 15"	- Dekson - Solid
69	M0317.a	Gebalan rumput jepang/gajah	m ²	Lokal (Malang Raya)	
70	M0317.b	Rumput alang-alang / ekor kuda	Polibag	Lokal (Malang Raya)	
71	M0317.c	Tanaman bunga pukul delapan	Polibag	Lokal (Malang Raya)	
72	M0317.d	Tanaman Little Rubby (Dendeli)	Polibag	Lokal (Malang Raya)	
73	M0317.e	Tanaman soka jepang (merah)	Polibag	Lokal (Malang Raya)	
74	M0317.f	Tanaman soka jepang (putih)	Polibag	Lokal (Malang Raya)	
75	M0317.g	Tanaman bromelia merah	Polibag	Lokal (Malang Raya)	
76	M0317.h	Tanaman brokoli kuning	Polibag	Lokal (Malang Raya)	
77	M0324	Kaca Polos tebal 3 mm sekualitas Asahi Mas	m ²		- Asahimas
78	M0325	Kaca Polos tebal 5 mm sekualitas Asahi Mas	m ²		- Mulia
79	M0326	Kaca Polos tebal 8 mm sekualitas Asahi Mas	m ²		- Mayatama, Dll
80	M0346	Jendela Nako + accessories	m ²		Alexindo
81	M0392	Keramik Lantai Kasar 30 x 30 cm warna/motif sekualitas Roman	bh		Roman
82	M0414	Pipa PVC tipe AW Ø 1/2" sekualitas ex Vinilon	m ¹		- Mapion
83	M0417	Pipa PVC tipe AW Ø 1.5" sekualitas ex Vinilon	m ¹		- Rucika
84	M0419	Pipa PVC tipe AW Ø 2.5" sekualitas ex Vinilon	m ¹		- Wavin
85	M0420	Pipa PVC tipe AW Ø 3 " sekualitas ex Vinilon	m ¹		- Vinilon
86	M0421	Pipa PVC tipe AW Ø 4 " sekualitas ex Vinilon	m ¹		
87	M0422	Pipa PVC tipe AW Ø 6 " sekualitas ex Vinilon	m ¹		
88	M0423	Pipa PVC tipe AW Ø 8 " sekualitas ex Vinilon	m ¹		
89	M0458	Pipa Galvanis Ø 1/2" tebal 1.8 mm skw. Spindo	m ¹		Spindo
90	M0460	Pipa Galvanis Ø 1 " , tebal 2 mm skw. Spindo	m ¹		Spindo
91	M0465	Buis Beton U Ø 0.40 m	M'	Lokal (Malang Raya)	- Turen Indah - ABI/Fass - UPI, dll
92	M0482	Kertas Gosok	Lbr	SNI	
93	M0497	Cat Dasar Tembok Interior sekualitas Dulux	kg		- Dulux
94	M0497.a	Cat Dasar Tembok Eksterior sekualitas Dulux	kg		- Jotun
95	M0502	Cat Tembok Interior sekualitas Dulux pentalite	kg		- Mowilex
96	M0502.a	Cat Tembok Interior sekualitas Dulux weathersield	kg		- Propan, dll
97	M0509	Waterproofing sekualitas Sika	kg	Sika TOP 107	Sika
98	M0510	Coating batu alam	kg	Non waterbase	
99	M0514	Kuas	bh	SNI	
100	M0515	Lem Kayu	kg		- Rajawali - Presto - Fox, dll

101	M0570	Waterstop Lebar 200 mm	m	SNI	
102	M0576	Elektroda	kg	SNI	
103	M0577	Minyak bekisting	ltr	Lokal	
104	M0580	Formtie	bh	Lokal	
105	M0584	Seal Tape / TBA	bh	SNI	
106	M0587	Solar Industri	ltr	SNI	
107	M0588	Pertamax Dex	ltr	SNI	
108	M0589	Minyak Pelumas	ltr	SNI	
109	M0591	Air Bersih	ltr	Lokal	
110	M0598	Kunci tanam ex. Dekson/Solid	bh		- Dekson
111	M0603	Engsel pintu stainless ex. Dekson/Solid	bh		- Solid
112	M0604	Kunci slot / Grendel Tanam ex. Dekson/Solid	bh		
113	M0624	ACP Seven PVDF 0.30 mm Standard (2.440 mm x 1.220 mm)	m ²	Bahan: Alumunium Composite -Tebal: 4 mm -Berat: 5-6 kg/m2 --ending Strength: 45-60 kg/4mm -Heat Deformation : 200 derajat Celsius -Sound Insulation: 24-39 dB -Finished: Flourocarbond factory finished -Warna: QS 3103 (White), QS 3101 (Bright silver) posisi lihat pada gambar -Alumunium skin thickness: 0.5 mm -Alumunium alloy: 5005 -Coating type : PVDF Self -Cleaning by PPG Paint.	- Seven, - Alucobond - Dekson - Mark
114	M0638.a	hollow galvalume 20x40x2,5 ex.kencana	m ¹		Kencana
115	M0638.b	hollow galvalume 40x40x3 ex. Kencana	m ¹		Kencana
116	M0638.c	Kanal C Baja Ringan C80.75 ex Kencana	m ¹		Kencana
117	M0768	Shower Spray Kloset Duduk Ex Toto THX20MCRB	bh	Shower Spray Type THX20MCRB	Toto
118	M0769	kran ex toto	bh		Toto
119	M0773	kran wastafel ex toto	unit		Toto
120	M0774	Waterdrain	bh	SNI	
121	M0775	Granite tile Sekualitas Niro (60x60) slip stop	bh	Pasang Lantai Granit Kasar ukuran 60 x 60 cm (slip stop)	- Niro
122	M0776	Granite tile Sekualitas Niro (60x60) matt	bh	Pasang Lantai Granit Semi Kasar ukuran 60 x 60 cm (matt)	- Granittle
123	M0777	Granite tile Sekualitas Niro (60x60) polish	bh	Pasang Lantai Granit Halus ukuran 60 x 60 cm Polos (Polish)	- Roman Granit
124	M0794	Beton U Ditch 60x80x120	bh	Kekuatan 10 Ton	- Calvary
125	M0795	Cover U ditch 60 x 120 G. 10 t	bh		- Lisa
126	M0796	Hollow Besi Galvanis Uk 4x4x1	btg	SNI	
127	M0797	Braket Siku / spigot / stiffener	btg	SNI	
128	M0798	Besi Hollow	Kg	SNI	
129	M0799	Profil Alum "T"	M	SNI	
130	M0800	Akustik 60 x 60 Jayaboard	Lbr	Plafon Akustik Gyptile Jaya Byhua 60x60cm tebal 9mm	Jayaboard
131	M0801	Plafond PVC 10 mm	m ²		Sunda plafond
132	M0802	Plamir tembok	Kg	SNI	
133	M0830.a	Kabel NYM 2x2,5 supreme	m ¹		Supreme
134	M0830.b	Kabel NYM 3x2,5 supreme	m ¹		Supreme
135	M0830.c	Kabel NYM 3x4 mm sekualitas Supreme	m ¹		Supreme
136	M0830.d	Kabel NYM 4x4 mm sekualitas Supreme	m ¹		Supreme
137	M0830.e	Kabel NYY 3x4 mm2 sekualitas Supreme	m ¹		Supreme
138	M0830.f	Kabel NYY 4x4 mm2 sekualitas Supreme	m ¹		Supreme
139	M0830.g	Kabel NYY 4x10 mm2 sekualitas Supreme	m ¹		Supreme
140	M0830.h	Kabel NYY 4x16 mm2 sekualitas Supreme	m ¹		Supreme
141	M0830.i	Kabel NYY 4x25 mm2 sekualitas Supreme	m ¹		Supreme
142	M0830.j	Kabel NYY 4x70 mm2 sekualitas Supreme	m ¹		Supreme
143	M0830.k	Kabel NYY 4x95 mm2 sekualitas Supreme	m ¹		Supreme
144	M0830.l	Kabel NYY 4x240 mm2 sekualitas Supreme	m ¹		Supreme
145	M0830.M	Kabel NYYHY 3x4 mm sekualitas Supreme	m ¹		Supreme
146	M0830.n	Kabel NYFGBY 4x240 mm2 sekualitas Supreme	m ¹		Supreme
147	M0831	Stop Kontak Sekualitas Broco	bh		Panasonic
148	M0832	Stop Kontak Tunggal CP WEJP1131-7	Bh		Panasonic
149	M0833	Stop Kontak AC-Panasonic / Phillips	Bh		Panasonic
150	M0834	Saklar Tunggal Sekualitas Broco	bh		Panasonic
151	M0835	Saklar Engkel (WEJ5541, WEJ78029W)	Bh		Panasonic
152	M0836	Saklar Ganda Sekualitas Broco	bh		Panasonic
153	M0837	Saklar Seri (2x WEJ5531, WEJ 78029W)	Bh		Panasonic
154	M0838	Isolator	Roll	SNI	
155	M0838.a	Lasdop	bh	SNI	
156	M0839	T dos PVC	bh	SNI	
157	M0839.a	Socket Conduit 20mm	bh		- Boss
158	M0839.b	Klem 20 mm	bh		- Niso
159	M0839.c	Flexible Conduit 20mm	m ¹		- Legrant
160	M0839.d	Elbow Conduit 20mm	bh		
161	M0840	Inbouw Doos type WEJ 5911	Bh		Panasonic
162	M0841	Pipa PVC conduit 20mm	m ¹		- Boss - Niso - Legrant
163	M0842	Fiting Flafond Ex Panasoinc	Bh		Panasonic
164	M0843	Pipa Arde	m ¹	SNI	
165	M0844	Kum R150 m	bh	SNI	
166	M0845	Timah	kg	SNI	

167	M0846	Kawat BC 70	m'	SNI	
168	M0846.a	Kabel BC 16 mm2	m'	SNI	
169	M0846.b	Kabel BC 25 mm2	m'	SNI	
170	M0846.c	Kabel BC 50 mm2	m'	SNI	
171	M0847	Grounding	Unit		
172	M0848	Armature RMI GRILL MIRROR Ex. Saka	Unit	Armature Saka, Lampu Philips	Philips
173	M0849	Armature RMO GRILL Ex. Saka	Unit	Armature Saka, Lampu Philips	Philips
174	M0850	Lampu TL LED Ecofit 8 Watt 60cm, Ex. Phillip	Bh		Philips
175	M0851	Lampu LED 8 watt ex Philips	Bh		Philips
176	M0852	Lampu LED 18 watt ex Philips	Bh		Philips
177	M0853	Fiting Downlight 5" LED series ex Philips	Unit		Philips
178	M0854	Lampu Baret Kotak 12/14 watt Lengkap Ex Philips	Bh		Philips
179	M0855	Lampu Tube Batten LED Set BN015C 16W ex Phillips	Bh		Philips
180	M0856	Lampu Spot Essential LED Flood Light BVP150 30Watt	Bh		Philips
181	M0857	Exhaust fan Plafond ex KDK 10"	Bh		KDK
182	M0858.a	Kabel tray U 100 x 50 x 1,2 mm	m'	SNI	
183	M0858.b	Kabel tray U 200x50x 1,2 mm	m'	SNI	
184	M0859.a	Box Panel 50 X 70 X 20 cm 1,2mm ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
185	M0859.b	Box panel 1900 x 700 x 700 mm type floor standi ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
186	M0859.c	Box panel uk (700 x 500 x 250) type wall mounte ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
187	M0859.d	Box panel uk (600 x 400 x 250) type wall mounte ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
188	M0859.e	Box Panel Control Ukuran 40x50x20cm ex ASME	Set	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
189	M0859.f	Panel MDP 0 - 15 Grup ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
190	M0859.g	Panel MDP 0 - 12 Grup ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
191	M0859.h	Box panel 1900 x 700 x 700 mm type floor standi ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
192	M0859.i	Panel LVMDP ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
193	M0859.j	Panel Outdoor ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
194	M0866.a	MCCB Adjustable 280-400A 50kA 3P ex schneider	Bh		schneider
195	M0866.b	MCCB Adjustable 112-160A 36KA 3P ex schneider	Bh		schneider
196	M0866.c	MCCB Adjustable 35-50A 36KA 3P ex schneider	Bh		schneider
197	M0866.d	MCCB 60A 10kA 3P ex schneider	Bh		schneider
198	M0866.e	MCCB 50A 10kA 3P ex schneider	Bh		schneider
199	M0866.f	MCCB 40A 10kA 3P ex schneider	Bh		schneider
200	M0866.g	MCCB 30-50A 25kA 3P ex schneider	Bh		schneider
201	M0866.h	MCCB 30A 7.5kA 3P ex schneider	Bh		schneider
202	M0866.i	MCCB 112-160A 25kA 3P ex schneider	Bh		schneider
203	M0867.a	MCB 20A 6kA 3P ex schneider	Bh		schneider
204	M0867.b	MCB 25A 6kA 3P ex schneider	Bh		schneider
205	M0867.c	MCB 10A 10kA 3P ex schneider	Bh		schneider
206	M0867.d	MCB 40A 6kA 3P ex schneider	Bh		schneider
207	M0867.e	MCB 50A 10kA 3P ex schneider	Bh		schneider
208	M0867.f	MCB 16A 6kA 3P ex schneider	Bh		schneider
209	M0867.g	MCB 40A 6kA 3P ex schneider	Bh		schneider
210	M0868.a	MCB 16A 6kA 1P ex schneider	Bh		schneider
211	M0868.b	MCB 6A 6kA 1P ex schneider	Bh		schneider
212	M0868.c	MCB 4A 6kA 1P ex schneider	Bh		schneider
213	M0868.d	MCB 2A 6kA 1P ex schneider	Bh		schneider
214	M0868.e	MCB 10A 6kA 1P ex schneider	Bh		schneider
215	M0869	CT Schneider CT100/5 A METSECT5CC010	Bh		schneider
216	M0870	Current Transformer (CT) 2000 / 5A	Bh		schneider
217	M0871	Arrester 3 Phase + N 65 kA	Bh		schneider
218	M0875	Ampere Meter 500A	Bh	SNI	schneider
219	M0876	Ampere Meter 100A	Bh	SNI	schneider
220	M0877	Volt Meter 500A	Bh	SNI	
221	M0878	Lampu LED Indikator	Bh	SNI	
222	M0879	Fuse Lamp 2A	Bh	SNI	
223	M0880	Digital Power monitoring PM5560	Bh		schneider
224	M0882	Motorized	Bh		
225	M0882	Bus Bar sistem 1000A	Bh		
226	M0883	Over Voltage Release 380/415V (1.35 - 1.7 Un)	Bh		
227	M0884	Grounding Cable BCC 50 mm2	Bh	SNI	
228	M0885	Schoen + Sleeve + Cable tie	Ls	SNI	
229	M0886	Wiring + Installation	Ls	SNI	
230	M0890	Panel LVMDP ex ASME	Bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
231	M0891	Mof Kabel	Bh	SNI	

232	M0892	Press Kabel	Bh	SNI	
233	M0893	Pengukuran/Injection	Bh	SNI	
234	M0894	Dudukan Panel dari beton	M3	SNI	
235	M0895	Karet Silent	M	SNI	
236	M0896	Mur Baut	Bh	SNI	
237	M0901	Pipa PPR PN 10 dia 3/4" ex Vinilon	m ¹		- Vinilon
238	M0902	Pipa PPR PN 10 dia 1 1/2" ex Vinilon	m ¹		- Vinilon
239	M0903	Pipa PPR PN 10 dia 2" ex Vinilon	m ¹		- Vinilon
240	M0904	Pipa PPR PN 10 dia 3" ex Vinilon	m ¹		- Vinilon
241	M0905	Pipa PPR PN 10 dia 4" ex Vinilon	m ¹		- Vinilon
242	M0906	Gate valve dia 1 1/2" PN 10 ex Vinilon	m ¹		- Vinilon
243	M0907	Pipa BSP SCH 40 Ø 150 mm ex Vinilon	m ¹		- Vinilon
244	M0908	Pipa BSP SCH 40 Ø 100 mm ex Vinilon	m ¹		- Vinilon
245	M0909	Pipa BSP SCH 40 Ø 80 mm ex Vinilon	m ¹		- Vinilon
246	M0910	Pipa BSP SCH 40 Ø 75 mm ex Vinilon	m ¹		- Vinilon
247	M0911	Pipa BSP SCH 40 Ø 65 mm ex Vinilon	m ¹		- Vinilon
248	M0912	Pipa BSP SCH 40 Ø 20 mm ex Vinilon	m ¹		- Vinilon
249	M0913	Pipa OHB BS sch 40 Ø 150mm ex Vinilon	m ¹		- Vinilon
250	M0914	Pipa BSP SCH 40 Ø 100 mm ex Vinilon	m ¹		- Vinilon
251	M0915	Pipa BSP SCH 40 Ø 65 mm ex Vinilon	m ¹		- Vinilon
252	M0916	Pipa BSP SCH 40 Ø 50 mm ex Vinilon	m ¹		- Vinilon
253	M0917	Pipa BSP SCH 40 Ø 40 mm ex Vinilon	m ¹		- Vinilon
254	M0918	Pipa BSP SCH 40 Ø 32 mm ex Vinilon	m ¹		- Vinilon
255	M0919	Pipa BSP SCH 40 Ø 25 mm ex Vinilon	m ¹		- Vinilon
256	M0920	Pipa BSP SCH 40 Ø 20 mm ex Vinilon	m ¹		- Vinilon
257	M0921	Pompa Air Transfer NS 4-23 M Centrifugal Pump ex. Zirantec	m ¹		Zirantec
258	M0922	Pompa Dorong sekualitas Zirantec	m ¹		Zirantec
259	M0923	Toren Air Penguin 5100 Lt	bh		Pinguin
260	M0924	Ijuk	m3	Lokal (Malang Raya)	
261	M0925	PANEL POMPA FIRE HYDRANT PEMADAM 45 KW ex ASME	Set	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
262	M0926	Siamesse Connection Full Brass Chromed MCH (wall type) 2-way S7 Ex. TOSHIRO, lengkap dengan bak kontrol, pondasi dan asesorisnya	bh		TOSHIRO
263	M0927	Outdoor Hydrant Box (OHB) 95 x 66 x 20 cm (1 Roll Fire Hose 2,5" x 30 meter PVC, 1 pcs Hose Nozzle 2,5" aluminium / brass chromed, 1 pcs Hose Rack 2,5" aluminium) Ex. TOSHIRO	bh		TOSHIRO
264	M0928	Indoor Hydrant Box (IHB) 125 x 75 x 18 cm (1 Roll Fire Hose 1,5" x 30 meter PVC, 1 pcs Hose Nozzle 1,5" aluminium / brass chromed, 1 pcs Hose Rack 1,5" aluminium, 1 pcs Hydrant Valve 1,5" 16K MCH brass chromed, 1 pcs Hydrant Valve 2,5" 16K brass chromed ex TOSHIRO (MCH/VDH)) Ex. TOSHIRO	bh		TOSHIRO
265	M0928.a	Master Control Panel Fire Alarm (MCPFA) 1 Loop (256 Address) Ex. TOSHIRO	bh		TOSHIRO
266	M0928.b	Terminal Box Fire Alarm (TBFA) 24 Pairs size 40 x 30 x 15 cm Ex. TOSHIRO	bh		TOSHIRO
267	M0928.c	Manual Push Button (without base) c/w hole, jackphone TSR-FP3 Ex. TOSHIRO	bh		TOSHIRO
268	M0928.d	Alarm Bell TSR-FB6 Ex. TOSHIRO	bh		TOSHIRO
269	M0928.e	Hydrant Pillar 2-way H-14AP Ex. TOSHIRO	bh		TOSHIRO
270	M0928.f	Branch Control Valve (BCV) 6" (Indicator Valve 6", Water flow switch POTTER 6", Test and Drain 1") Ex. TOSHIRO	bh		TOSHIRO
271	M0928.g	Main Control Valve (MCV) 6" (Wet alarm valve, Alarm valve trim set, Pressure switch & gong, Rethard Chamber) Ex. TOSHIRO	bh		TOSHIRO
272	M0929	Fire Extinguisher CO2 ex TOSHIRO	bh		TOSHIRO
273	M0930	Fire Extinguisher dry chemical powder ex TOSHIRO	bh		TOSHIRO
274	M0931	Sprinkler Head ex TOSHIRO	bh		TOSHIRO
275	M0932	Sprinkler Type Pendant 68C Ex. TOSHIRO ex TOSHIRO	bh		TOSHIRO
276	M0933	BCV dia 150 mm PN 16 ex TOSHIRO	bh		TOSHIRO
277	M0934	Gate Valve dia 65 mm PN 16 ex Riser	bh		Riser
278	M0935	Gate Valve Dia 80 mm PN 16 ex Riser	bh		Riser
279	M0936	Gate Valve Dia 100 mm PN 16 ex Riser	bh		Riser
280	M0937	Gate Valve Dia 150 mm PN 16 ex Riser	bh		Riser
281	M0938	Gate Valve, Ø 4" ex Riser	bh		Riser
282	M0939	Gate Valve Ø 40 mm (drain) ex Riser	bh		Riser
283	M0940	Check Valve dia 100 mm PN 16 ex Riser	bh		Riser
284	M0941	Check Valve, Ø 4" ex Riser	bh		Riser
285	M0942	Safety Valve 2" Dia 80 mm PN 16 ex Riser	bh		Riser
286	M0943	Flexible Joint Dia 100 mm PN 16 ex Riser	bh		Riser
287	M0944	Flexible Joint Dia 80 mm PN 16 ex Riser	bh		Riser
288	M0945	Strainer Valve dia 50 mm PN 16 ex Riser	bh		Riser
289	M0946	Strainer Valve dia 50 mm PN 16 ex Riser	bh		Riser
290	M0947	Foot Valve dia 50 mm PN 16 ex Riser	bh		Riser
291	M0948	Foot Valve dia 150 mm PN 16 ex Riser	bh		Riser
292	M0949	Flow Meter Diameter 100 mm	bh		Riser
293	M0950	Level Switch Lengkap Kabel Kontrol	bh		Riser

294	M0951	Gelas Penduga (Sight Glass)	bh		Riser
295	M0952	Pressure Gauge Lengkap dengan Gate Valve Diameter 15 mm ex Riser	bh		Riser
296	M0953	Pressure Switch Lengkap dengan Gate Valve Diameter 15 mm ex Riser	bh		Riser
297	M0954	Sirene Lengkap Kabel Kontrol ex TOSHIRO	bh		TOSHIRO
298	M0955	Kabel Kontrol dari Pompa ke Panel Kontrol Pompa Fire ex ASME	bh	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
299	M0956	Air Vent	bh		Riser
300	M0957	Water Level Control (WLC) + Instalasi Listrik , Fitting fitting, TEE, Elbow, Reducer, Penggantung	set		TOSHIRO
301	M0958	Main Control Valve Diameter 100 mm lengkap	set		Riser
302	M0959	Pemasangan PRV set Ø6" lengkap	set		
303	M0960	NYY 4 x 1C x 185 mm2	m'		Supreme
304	M0961	NYY 4 x 10 mm2 + BC 6 mm2	m'		
305	M0962	Fitting Instalasi Pipa Pemadam Kebakaran di Rumah Pompa	ls		TOSHIRO
306	M0963	Fitting Instalasi Pipa Pemadam Kebakaran di Site Plan (Luar Gedung)	ls		TOSHIRO
307	M0964	Fitting Instalasi Hydrant Pipa Pemadam Kebakaran Dalam Gedung	ls		TOSHIRO
308	M0965	Fitting Instalasi Sprinkler Pipa Pemadam Kebakaran Dalam Gedung	ls		TOSHIRO
309	M0966	Pipa Header Diameter 200 mm, Panjang 4 m	lot		TOSHIRO
310	M0967	Preming Tank kap. 100 ltr c/w drain valve	Unit		TOSHIRO
311	M0968	MCFA ex TOSHIRO	bh		TOSHIRO
312	M0969	Battery/UPS 1 KVA (3 AH)	bh	SNI	TOSHIRO
313	M0970	Annunciator ex. Toshiro	bh		TOSHIRO
314	M0971	Cable Jelly 10x(2x2x0,6 mm2)	m		TOSHIRO
315	M0972	JBFA ex. Toshiro	bh		TOSHIRO
316	M0973	Smoke and Heat Detector ex. Toshiro	bh		TOSHIRO
317	M0974	Push Button ex. Toshiro	bh		TOSHIRO
318	M0975	Bell ex. Toshiro	bh		TOSHIRO
319	M0976	Lamp ex. Toshiro	bh		TOSHIRO
320	M0977	EOL (End Off Line) ex. Toshiro	bh		TOSHIRO
321	M0977.a	Control Modul ex. Toshiro	bh		TOSHIRO
322	M0978	NYM 2x1.5mm2 in Conduit Ø 20 mm2	m'		- Supreme
323	M0979	NYY 2x1.5mm2 in Conduit Ø 20 mm2	m'		- Supreme
324	M0980	NYY 4x1.5 mm2 + Cable Jelly 2x2x0.6 mm2 in Conduit Ø 20 mm2	m'		- Supreme
325	M0982.a	Indicator Lamp	Bh	SNI	
326	M0982.b	Fuse Lamp 2A	Bh	SNI	
327	M0982.c	Digital Power Monitoring PM2000	Bh		schneider
328	M0982.d	Busbar System Cu 5x20x5 mm	Ls	SNI	
329	M0982.e	Schoen + Sleeve + Cable tie	Ls	SNI	
330	M0982.f	Wiring + Installation	Ls	SNI	
331	M0982.g	Digital Power monitoring PM5560	Bh		schneider
332	M0982.a	AC 1/2 pk ex Daikin	Bh		Daikin
333	M0982.b	AC 3/4 pk ex Daikin	Bh		Daikin
334	M0982.c	AC 1 pk ex Daikin	Bh		Daikin
335	M0982.d	AC 1.5 pk ex Daikin	Bh		Daikin
336	M0982.e	AC 2 pk ex Daikin	Bh		Daikin
337	M0982.f	AC 2.5 pk ex Daikin	Bh		Daikin
338	M0982.g	AC 5 pk ex Daikin	Bh		Daikin
339	M0983.a	Control Tombol 4 Lantai	Set	SNI	
340	M0983.b	Limit Switch	Set	SNI	
341	M0983.c	Switch Pintu	Set	SNI	
342	M0983.d	Limit Switch Atas (Stopper Atas)	Bh	SNI	
343	M0984.a	Mof Kabel	Bh	SNI	
344	M0984.b	Press Kabel	Bh	SNI	
345	M0984.c	Pengukuran/Injection	Bh	SNI	
346	M0984.d	Fitser + Sekrup	Bh	SNI	
347	M0984.e	Penggantung/Pengikat Type B	Bh	SNI	
348	M0984.f	Pressure Switch	Bh	SNI	
349	M0984.g	Ducting Jalur kabel	m'	SNI	
350	M0984.h	Level Control Water & kabel	Bh	SNI	
351	M0985.a	Panel Kontrol Automatic Jockey Pump ex ASME	Set	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
352	M0985.b	Heather	Set	SNI	
353	M0985.c	Pressure Switch	Set	SNI	
354	M0985.d	Dudukan Pompa	M3	SNI	
355	M0985.e	Karet Silent	Bh	SNI	
356	M0985.f	Mur Baut	Bh	SNI	
357	M0986	Panel kontrol Diesel Fire Pump	Set	Panel, wiring, test voltage	Asa Mitra Enjiniring (ASME)
358	M0987	Dudukan Panel dari beton	M3		
359	M0988	Genset 350 kVA (Ex: Simtek Power) Spek : Model SP350P Engine type : Perkins 2206C-E13TAG2 Alternator : Stamford Digital AC/DC Control Panel c/w AMP Facility (Include Breaker) Residential Silencer + Flexible Pipe, Daily Tank, Accu + cable accu, buku petunjuk.	Bh		Simtek power
360	M0989	TANGKI HARIAN DAILY TANK 1000 Liter	Bh	Tangki Besi untuk BBM, Plat tebal 4mm	

361	M0990	Kabel NYY 2 x (1 x 300) mm2	M		Supreme
362	M0991	Pompa Booster 2,2 KW - 1 set 2 Pompa (ZIRANTEC)	Set	Pompa Booster Zirantec 2,2 KW - 1 set 2 Pompa - Pump Model 50x40 FSHA MS - Motor ATT/Titan/Elektrim 2 Pole B3 2,2 KW 50Hz - Kap 200 lpm, head 30 meter, dan Kap 300 lpm, head 25 meter Kelengkapan: -Panel Automatic -Discharge Pipe & Header -Pressure Tank 80 Liter -Pressure switch & Pressure Gauge	Zirantec
363	M0992	GLOBAL PRESSURE TANK 24 LITER PWB-24 LX	Unit	SNI	
364	M0993	Mesin pompa dorong transfer kapasitas besar industri	Unit	Grunfos, Mesin pompa dorong transfer kapasitas besar industri GRUNDFOS CM 5-3 Kelengkapan: -Panel Automatic - Peralatan pendukung	Zirantec
365	M0994	Electric Fire Hydrant Pump Type : Horizontal Split Case Pump Model : Zirantec FSCW 125/300	Unit	Electric Fire Hydrant Pump Type : Horizontal Split Case Pump Model : Zirantec FSCW 125/300 Kapasitas : 1000USGPM Total Head : 90 m Elektrik Motor : 110 Kw /3~ 400V, 50Hz Speed : 2900 - 3000 Rpm Suction Size : 150 mm Discharge Size : 125 mm Bowl : Cast Iron Impeller : Bronze Shaft : Stainless Steel Sealing : Gland Packing Supply : Pump c/w Motor on Base Frame Control Panel : Lokal (by Pompa) NFPA 20 standart Model : Indoor – Free Standing Starting : PLC with Pressure Transducer Operation : Start Auto- Off Manual	Zirantec
366	M0995	JOCKY FIRE PUMP 50 LPM / 80 M Unit Pompa + control JFP	Unit	Jockey Fire Hydrant Pump Type : Vertical Multistage Pump Unit 1.00 Model : Zirantec FVS-4/19T Kapasitas : 25 USGPM Total Head : 100 m Total Daya : 4 Kw Speed : 2900-3000 Rpm Casing : Cast Iron Impeller : Stainless Steel Shaft : Stainless Steel Sealing : Mechanical Seal Supply : Pump c/w Motor Control Panel : Lokal (by Pompa) NFPA 20 standart Model : Indoor – Wall Mounted Starting : Pressure Transducer Operation : Start Auto- Off Auto	Zirantec
367	M0996	Submersible pump deep well ex ZIRANTEC Total head : 150 mm Debit : 150 liter/menit	Unit	Submersible pump deep well Total head : 150 mm Debit : 150 liter/menit	Zirantec
368	M0997	Fire Extinguisher	bh		TOSHIRO
369	M0998	Automatic Diesel Pump Hydrant pump Type : Horizontal Split Case Pump Model : Zirantec FSCW 125/300	Unit	Automatic Diesel Pump Hydrant pump Type : Horizontal Split Case Pump Model : Zirantec FSCW 125/300 Kapasitas : 1000USGPM Total Head : 90 m Engine : CUMMINS 6BTA5.9-C170 (125 Kw) @ 2900 Rpm with Radiator Cooled Speed : 2900-3000 Rpm Sution Size : 150 mm Discharge Size : 125 mm Casing : Cast Iron Impeller : Bronze Shaft : Stainless Steel Sealing : Gland Packing Supply : Pump c/w Engine on Base Frame, Control Panel : Lokal (by Pompa) NFPA 20 standart Model : Indoor – Free Standing Starting : PLC with Pressure Transducer Operation : Start Auto- Off Manual c/w Fuel Tank (8 Hour Operation) , Batterai/Accu , Air accu, Selencer/ Knalpot, Kabel Accu, dudukan accu & Panel Control Dc.	Zirantec
370	M0999	ATS 350 kVA (Ex: Simtek Power)	Unit		Simtek power

371	M1000	Wall AC 1/2 pk lengkap dengan kompresor type FTKQ15UVM4 ex. Daikin	Unit		Daikin
372	M1001	Wall AC 3/4 pk lengkap dengan kompresor Type FTKQ20UVM4 Ex. Daikin	Unit		Daikin
373	M1002	Wall AC 1 pk lengkap dengan kompresor type FTKQ25UVM4 Ex. Daikin	Unit		Daikin
374	M1003	Wall AC 1.5 pk lengkap dengan kompresor type FTKQ35UVM4 ex. Daikin	Unit		Daikin
375	M1004	AC 2 pk lengkap dengan kompresor type FTKQ50UVM4 ex. FTKQ50UVM4	Unit		Daikin
376	M1005	AC 2,5 pk lengkap dengan kompresor type FTKQ60UVM4 ex. Daikin	Unit		Daikin
377	M1006	Standing Floor AC 5 pk lengkap dengan kompresor type FVRN125BXV14 Ex. Daikin	Unit		Daikin
378	M1007	Pipa refrigerant dia. 1/8" - 3/8" lengkap isolasi & kabel kontrol (0,5 PK)	m'	SNI	
379	M1008	Pipa refrigerant dia. 1/4" - 1/2" lengkap isolasi & kabel kontrol (1-1,5 PK)	m'	SNI	
380	M1009	Pipa refrigerant dia. 1/4" - 5/8" lengkap isolasi & kabel kontrol (2-2,5 PK)	m'	SNI	
381	M1010	Isolasi ppa ac dia 20 mm	bh	SNI	
382	M1011	Isolasi ppa ac dia 25 mm	bh	SNI	
383	M1013	Stop kontak data RJ45 cat6 tanam panasonic wej24886	bh		Panasonic
384	M1014	Kabel UTP cat 6 ex Belden	m'		Belden
385	M1015	Kabel Fiber Optic Dual Core Single Mode ex IOT	m'		- Fiber home - Foxtel - Fiber star
386	M1016.a	Patch Panel 24 Port Type ICX 7150-24P PoE Ex Ruckus	unit		Ruckus
387	M1016.b	Patch Panel Switch Icx 7650 48 Port Icx7650-48zp-E2 Ex Ruckus	unit		Ruckus
388	M1017	Wifi Access Point (Wifi 6 Radius 50 M) Type R350 Ex Ruckus	unit		Ruckus
389	M1018.a	Switch Hub 8 Port ex. Tp Link	unit		TP link
390	M1018.b	Media Converter 100Mbps/RJ45 ex. Tp Link	unit		
391	M1018.c	Patch Cord ex. Indorack	bh		Indorack
	M1018.d	Wall Mounted Rack 4U ex. Indorack	unit		Indorack
	M1018.e	Wall Mounted Rack 20U ex. Indorack	unit		Indorack
392	M1019	Pipa Galvanis Sch40 SPINDO 4" inch	m'		Spindo
393	M1020	Plat besi	Kg		
394	M1023	Angkur M16	bh	SNI	
395	M1024	Baja Profil	Kg	SNI	
396	M1025	Paku Keling	Kg	SNI	
397	M1026	Pipa HDPE 2'	m'		- Vinilon
398	M1027	CCTV (HKVISION DS-2CD2T47G1-L IP 67"1/1.8" PROGRESSIVE SCAN CMOS)	UNIT		HKVISION
399	M1028	CCTV (HKVISION DS-2CD2326G2-IU 8 MP AUDIO)	UNIT		HKVISION
	M1029	DVR (HKVISION 16 CHANNEL 8MP DS-7216HUHI-K2SSUPPORT SEMUA KAMERA)	UNIT		HKVISION
	M1030	Lightning Counter	unit		
	M1031	Lampu tower Xgp 500	bh		