

## **SPESIFIKASI TEKNIS**

**REKAPITULASI KOMPONEN KONSTRUKSI BANGUNAN UNTUK PEKERJAAN FINISHING TERSEBUT SECARA GARIS BESAR ADALAH SEBAGAI BERIKUT :**

<b>No</b>	<b>Komponen</b>	<b>Uraian Pekerjaan</b>	<b>Material</b>	<b>Spesifikasi</b>
1.	Pas. Dinding	Arsitektur	Bata Ringan  Bata Merah	- 10x20x60 Cm (SBCON, CITICON, FOCON)  Produk Lokal
2.	Plesteran Dinding	Arsitektur	Semen Instan  Semen PC	- Mortar, Pasangan, Plester, Acian (MU, Grand Elephant, Drimix)  - Semen Pc (Gersik, Tiga Roda, Holcim)
3.	Dinding Partisi	Arsitektur	Rangka Metal Stut & Uraner  Penutup Dinding	- (Jaya, Smatrass, Kencana)  - (Jaya Board, Knof, Elephant)
4.	Plafon Gypsum	Arsitektur	Rangka Hollow 40 x 40 tebal 0.3 mm dan 20 x 40 tebal 0.3 mm.  Penutup Gypsum  Untuk Kamar Mandi dan Area Luar	- (Jaya, Smatrass, Kencana)  - (Jaya Board, Knof, Elephant)  - Kalsiboard, GRC, Nusa Board
5.	Pintu, Jendela dan Bouven	Arsitektur	Kusen Aluminium Poder Coating 4"	Alexindo ukuran 4" tebal 1,2 mm .
6.	Daun Pintu	Arsitektur	- Multiplek Lapis HPL	HPL (Taco, Echo) sesuai desain. Penggantung dan pengunci : Dekson, Fino
7.	Daun Jendela	Arsitektur	Frame Alluminium warna silver 1"x2", panil kaca	Frame aluminium Alexindo. Kaca menggunakan kaca bening tebal 5 mm sesuai desain. Penggantung dan pengunci : Dekson, Fino
8.	Aseoris Pintu, Jendela, Bouven			Dekson, Fino
9.	Kaca	Pekerjaan Pintu, Jendela, BV.	Kaca yang digunakan : - Kaca bening t = 5 mm - Kaca Bening t = 8 mm - Kaca Tempered 12 - Kaca Reflektif 6 mm - atau sesuai yang ditunjukkan dalam gambar.	Asahi, Mulia
10.	Handle Pintu	Handle pintu,		Dekson, Fino

		pengunci.		
11.	Pengecatan	Pengecatan Dinding, Partisi dan Plafond	<ul style="list-style-type: none"> <li>- Dinding luar : Cat eksterior (weathercoat / weathershield).</li> <li>- Dinding dalam, partisi dan plafond : cat interior</li> </ul>	Produk cat Dulux, Jotun, Propan.
12.	Pelapis lantai dan dinding	Granit lantai, keramik lantai dan dinding dan bagian lain sesuai petunjuk gambar.	<ul style="list-style-type: none"> <li>- Lantai gedung menggunakan granit ukuran 60x60, sesuai ditunjukkan dalam gambar.</li> <li>- List plint dinding : granit ukuran 10x60</li> <li>- Lantai Lavatory menggunakan Granit ukuran 60x60</li> <li>- Pelapis Dinding lavatory menggunakan Granit ukuran 60x60</li> <li>- Lantai Tangga : Granit tangga 30x60 ber-step nosing 10x60</li> <li>- Lantai dan dinding groundtank : keramik putih ukuran 30x30</li> </ul>	<ul style="list-style-type: none"> <li>- Granit menggunakan Granito</li> <li>- Keramik lantai dan dinding : Roman, Platinum, Asia Tile</li> </ul>
13.	Alluminium Composite Panel (ACP)	ACP tampak front building, pembungkus canopy depan dan belakang dan parapet keliling jendela	Alluminium Composite Panel (ACP) : Jenis PVDF (Poly Vinyl De Flouride) yang digunakan untuk exterior, dengan ketebalan 4 mm.	ACP yang digunakan SEVEN
14.	Sanitair	Closet Duduk	Saniter	Toto
15.	Tirai	Penutup	<ul style="list-style-type: none"> <li>- Bahan Tirai : PVC</li> <li>- Sifat : Non Porosif</li> <li>- Menggunakan Vitrase</li> <li>- Mata Itik Pres dan Plastik</li> <li>- Anti Bakteri</li> <li>- Lolos Uji Lab Antibakteri</li> <li>- Lolos Uji Logam Berat</li> </ul>	- Mediguard
16.	Panel	Elektrikal	Plat Stainless steel dengan finis cat galvanis	<ul style="list-style-type: none"> <li>- Panel MDP 180x80x80 cm</li> <li>- Panel SDP Atap 100x80x40 cm</li> <li>- Panel Penerangan 100x80x25 cm</li> <li>- Panel AC 70x50x25 cm</li> <li>- Panel Outdoor AC 180x80x30 cm</li> <li>- P. Pompa Sawage 70x50x25</li> </ul>

				cm - Panel Elektronika 70x50x25 cm - P. Pressure Fan 70x50x25 cm - P. Pompa Boter 70x50x25 cm - Panel Lift 70x50x25 cm - Merk :Nata Ultima Enggal, Simetris,Anema
17.	Kabel dan Penerangan	Elektrikal	<ul style="list-style-type: none"> <li>- Kabel NYY, NYM, NYFGBY</li> <li>- Fire Resistance Cable</li> <li>- Kabel Tray</li> <li>- Panel TR (Tegangan Rendah)</li> <li>- Seluruh Perlengkapan Panel : MCB, MCCB, ACB</li>   <li>- Fixtures/Armature :             <ul style="list-style-type: none"> <li>• Lamp holder</li> <li>• Tube/bola lampu &amp; Starter</li> </ul> </li> <li>- UPS</li>   <li>- Saklar, stop kontak</li>   <li>- Grid Switch</li>   <li>- Pipa/Conduit</li>   <li>- Kabel Data</li> </ul>	<ul style="list-style-type: none"> <li>- Supreme, Kabel Metal, Kabelindo</li>   <li>- Supreme, Jembo, Pyrotec</li> <li>- Nata Ultima Enggal, Simetris,Anema</li> <li>- ABB, Schneider, LS ABB</li>   <li>- Phillips, Artolite, GE</li> <li>- Phillips, Artolite, GE</li>   <li>- Vektor, ABB, Laplace</li> <li>- Panasonic , Schneider, Nero</li> <li>- Panasonic , Schneider, Boss</li> <li>- Vinilon, Boss, Westpex</li> <li>- Belden, LS Cable, Draka</li> </ul>
18.	Tata Udara	Mekanikal	<ul style="list-style-type: none"> <li>- Split Wall &amp; Cassete</li> <li>- AC VRV/VRF</li> <li>- Pipa Tembaga</li> <li>- Pipa Drain</li> <li>- Isolasi Pipa</li> <li>- Isolasi ducting dan pipa</li> <li>- Alluminium Tape</li> <li>- Insulasi Ducting</li> <li>- Flexible Duct</li> <li>- Ducting BJLS</li> <li>- Ducting PU</li> <li>- Diffuser, Grill, Dumper</li>   <li>- Exhaust Fan Hepafilter set</li> <li>- Axial/CentrifugalFan</li> <li>- Ceilling &amp; Wall Exhaust Fan</li> </ul>	<ul style="list-style-type: none"> <li>- Panasonic, Daikin</li> <li>- Panasonic, Daikin</li> <li>- Denji, Kembla, Toyooda</li> <li>- Vinilon, Rucika, Trilliun</li> <li>- Armaflex, Insultube ,Insulflex</li> <li>- Armaflex, Insultube, Insulflex</li> <li>- Instape, AB tape</li> <li>- Versa, Thermo break</li> <li>- Polar, Handyflex, TDFlex Duct</li> <li>- Fumira, Lokfom</li> <li>- TDI, ABDuct, First Duct</li> <li>- Polar, PPI, Aerotech</li> <li>- AAF,J AF</li>   <li>- Panasonic, Conexa, Mitsubishi</li> <li>- Panasonic, Conexa, Mitsubishi</li> </ul>
19.	Gas Medis	Mekanikal	<ul style="list-style-type: none"> <li>- Wall Outlet</li> <li>- Pipa Tembaga</li> </ul>	<ul style="list-style-type: none"> <li>- C&amp;U, Gentech</li> <li>- Brassco</li> </ul>
20.	Tata Suara	Mekanikal	<ul style="list-style-type: none"> <li>- Digital Mixer, lengkap dengan modul-modul</li> </ul>	<ul style="list-style-type: none"> <li>- TOA, Bosch, Honeywell</li> <li>- TOA, Bosch, Honeywell</li> </ul>

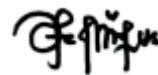
			<ul style="list-style-type: none"> <li>- Power Booster Amplifier</li> <li>- Pemutar CD/DVD/MP3 Player- RadioTuner</li> <li>- Speaker, Volume Control</li> <li>- Microphones</li> <li>- Kabel Instalasi (N.Y.M.H.Y)</li> <li>- Terminal Box, Terminal</li> <li>- Conduit</li> </ul>	<ul style="list-style-type: none"> <li>- TOA, Bosch, Honeywell</li> <li>- TOA, Bosch, Honeywell</li> <li>- TOA, Bosch, Honeywell</li> <li>- Supreme, Kabel Metal, Jembo</li> <li>- Lokal Product</li> <li>- Vinilon, Boss, Westpex</li> </ul>
21.	Nurse Call	Mekanikal	<ul style="list-style-type: none"> <li>- Master Control</li> <li>- Aiphone</li> <li>- Toilet Call</li> <li>- Handswitch</li> </ul>	<ul style="list-style-type: none"> <li>- Aiphone</li> </ul>
22.	Telepon	Mekanikal	<ul style="list-style-type: none"> <li>- Pesawat Telepon</li> <li>- PABX</li> <li>- Outlet Telepon</li> <li>- Kabel Telepon</li> <li>- Conduit</li> <li>- MDF, CTB, Junction</li> </ul>	<ul style="list-style-type: none"> <li>- Transtel, Ericsson, LG</li> <li>- Panasonic, LG</li> <li>- Boss, Panasonic, Schneider</li> <li>- Supreme, Kabel Metal, Jembo</li> <li>- Vinilon, Boss, Westpex</li> <li>- Crone</li> </ul>
23.	Instalasi Data	Mekanikal	<ul style="list-style-type: none"> <li>- Server</li> <li>- Wall Mauntrack, Rak</li> <li>- Swich Hub POE</li> <li>- Acces Point</li> <li>- Outlet Data</li> <li>- Kabel UTP Cat6</li> <li>- Jack RJ45 Cat5e</li> <li>- UPS</li> </ul>	<ul style="list-style-type: none"> <li>- Hewlett Packard, Lenovo</li> <li>- LS, Indotrack, Garech</li> <li>- Ruckus, Aruba, Allied Telesis</li> <li>- Ruckus, Aruba, Allied Telesis</li> <li>- Panasonic, Boss, Schneider</li> <li>- Belden, Commscope, Nexan</li> <li>- Belden, Commscope, Nexan</li> <li>- APC, ICA, RIELLO, EATON</li> </ul>
24.	CCTV	Mekanikal	<ul style="list-style-type: none"> <li>- Network Video Recorder</li> <li>- IP Dome Camera</li> <li>- IP Bullet Camera</li> <li>- Switch Hub POE</li> <li>- Kabel UTP Cat 6</li> <li>- Jack RJ45 Cat 5e</li> </ul>	<ul style="list-style-type: none"> <li>- Gadian, Hikvision</li> <li>- Hikvision, Bardi</li> <li>- Hikvision, Bardi</li> <li>- Aruba, Cisco</li> <li>- Belden, Commscope, Nexan</li> <li>- Belden, Commscope, Nexan</li> </ul>
25.	MATV / IP TV	Mekanikal	Master Antena Television	

			sytem /IPTV - Android TV - Support Goggle Assistant - Full HD Resolution - Goggle Play Store - Bluetooth	- Polytron - Sharp
26.	Fire Alarm	Mekanikal	- MCFA Semi Adressable 2 Loop - Panel Annunciator	- Hooseki - Nohmi
27.	Plumbing	Plumbing	- Pompa Transfer - Booster Pump - Water Heater - Sawage Pump  - Pipa PPR - Pipa PVC - Pipa GIP - Valve - CheckValve - Straimer - Flexible Connection - Foot Valve - Safety Valve	- Grundfos, CNP - Shimizu, Wasser - Ariston - Grundfos - Rucika, Westpex, Vinilon - Rucika, Vinillon, Trillium - KS, Spindo, Bakrie - Toyo, Kitz, Yuta - Toyo, Kitz, Yuta - Toyo, Kitz, Yuta - Toyo, Kitz, Yuta - Toyo, Kitz, Yuta - Toyo, Kitz, Yuta
28	NICADD BATTERY	Elektrikal	- Battery Emergency Power	- POWER CRAFT
29	pressured fan axial 18,000 cfm	Mekanikal	- Pressurazed fan (Axial)	- CKE, CKI
30	Elevator/Lift	Mekanikal	- Fire Lift Servis - Kap. : 1600 kg - Speed : 60 MPM - Power Kontrol : AC Variable Voltage Variable Frequency - Servis : 5 Lantai	- Sigma - Otis - Lines - Hyundai - Mitsubishi - Surapid - Fuji Lift - Schindler
31	Fire Hydrant	Mekanikal	- Electric Fire Pump -Tipe : Centrifugal End Suction -Kapasitas : 750 gpm -Head : 90 meter - Diesel Fire Pump -Tipe : Centrifugal End Suction -Kapasitas : 750 gpm -Head : 90 meter - Jockey Pump -Tipe : Vertical Multistage -Kapasitas : 25 gpm -Head : 100 meter Pompa Hydrant	- Grundfos

32	Generator set	Mekanikal	<ul style="list-style-type: none"> <li>- A Engine : Perkins 4006 - 23TAG3A</li> <li>- B Alternator : Stamford S6L1D - C4</li> <li>- C Silent Box : V-Gen</li> <li>- D Spesifikasi Teknis : <ul style="list-style-type: none"> <li>- Power Capacity 880 kVA (Standby Power)</li> <li>- Electrical Output 800 kVA Prime Power Output 640 kW,</li> <li>- Speed 1500 rpm (Continuously)</li> <li>- Voltage 380/220 volt</li> <li>- Type : 3 Phase</li> <li>- Frequency : 50 Hz</li> <li>- Displacement : 22.921 l</li> <li>- Bore/Stroke : 160/190 mm</li> <li>- Compression Ratio : 13.6 : 1</li> <li>- Fuel Consumption : 172 l/h (100% Load)</li> <li>- Coolant Capacity : 105 l</li> <li>- Oil Capacity : 113.4 l</li> <li>- Starting System : Electric</li> <li>- Cooling System : Water Cooling with Radiator</li> <li>- Number of Cylinder : 6</li> <li>- Injection System : Inline Pumps</li> <li>- Pre Fuel Filter</li> <li>- Insulation : Class H</li> <li>- Protection : IP21</li> <li>- Sound Level : Max 85 db @7 Meter</li> <li>- Dimensi : Lebar ±2200 mm, Panjang ±5400 mm, Tinggi ±2550mm</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- V-Gen Genset</li> <li>- Deutz Genset</li> </ul>
----	---------------	-----------	---	--

			<ul style="list-style-type: none"> <li>- Control System : Deepsea DSE7320 MKII</li> <li>- Surat Jaminan Garansi dan Purna Jual dari Distributor</li> <li>- Certificate ISO 9001:2015, ISO 14001:2015 dan OHSAS 45001:2018 untuk Generator Set</li> <li>- Sertifikat TKDN Generator Set Kapasitas 800 kVA (optn)</li> <li>- Surat Jaminan Garansi dan Purna Jual dari Distributor</li> </ul>	
33	Fire Extingusher 6 kg		- Portable Fire Extingusher 6 kg	- Portable Fire Extingusher 6 kg type DRY CHEMICAL

Tegal, Juli 2024  
Pejabat Pembuat Komitmen (PPK)



**dr. LENNY HARLINA HERDHA SANTI**  
Pembina  
NIP. 19760319 200903 2 003