

JENIS BAHAN/ MATERIAL YANG DIPERSYARATKAN;

No	Bahan / Material	Spesifikasi Teknis (Merk/Type Opsi yang dipersyaratkan)
(1)	(2)	(3)
A	BAHAN DASAR	
	Beton Mutu Campuran 1SP:3PB:4KR	Manual/ onsite
	Beton Mutu Campuran 1SP:2,6PB:3,4KR	Manual/ onsite
	Beton Mutu Campuran 1SP:2PB:3KR	Manual/ onsite
	Beton Mutu K-225	Readymix
	Beton Mutu K-250	Readymix
	Beton Mutu K-275	Readymix
	Pasir Beton	Lokal
	Pasir Pasang	Lokal
	Sirtu	Lokal
	Tanah urug	Tanah merah, Crop
	Batu Belah	Batu Gunung
	Batu Pecah 2/3 cm (Koral beton)	Pecah Gilling
	Batu Bata	Lokal
	Bata Ringan	Hebel, Utama, Citycon
	Portland Cement	Dynamix, Gresik, Conch
	Mortar siap pakai	MU, Sika
B	BAHAN ALLUMINIUM DAN BESI	
	Alluminium 4" t=1mm	Alexindo, YKK
	Alluminium Strip	Alexindo, YKK
	Besi Beton Polos/ulir	Perwira, LS, MS,
	Wiremesh	GSG, Unicorn
	Baja Profil IWF,C,Siku,dll	Spindo, KS, MS
	Besi Pipa Galvanis	Spindo, KS, MS
	Besi Profil Hollow Galvanis	Spindo, KS, MS
	Baja Ringan	Gigasteel, Kencana
	Rangka Plafond Hollow Galvanis	Aplus, Djabesmen, Jayaboard
	Pipa Stainless Steel 304, 201, dll	Blue Star, KSK, SNI
	Aluminium foil Buble t = 8mm	Zelltech, Zehn
	Pintu Engineering Door	Grand Lotus, Bika
C	BAHAN PENUTUP LANTAI DAN DINDING	
	Keramik Dinding 30x60cm	Platinum, Roman
	Homogenous Tile Glosy 60x60cm	Niro, Sandimas, Roman
	Homogenous Tile Doff 60x60cm	Niro, Sandimas, Roman
	Homogenous Tile Glosy 60x120cm	Niro, Sandimas, Roman

No	Bahan / Material	Spesifikasi Teknis (Merk/Type Opsi yang dipersyaratkan)
	Stepnosing 10x60cm	Viva, Cova
	ACP	Seven, JIYU
	Dinding Batu Alam	Batu candi, Batu andesit
	Dinding Cubicle Phenolic 12mm	Eterna Multi Kreasi, Himalaya Abadi
	Waterproofing Polyurethane Acrilic Waterbased	Nippon Elastex, Sikalastic 590, AM100
	Pelapis Dinding Kedap Suara	Rockwool, OEM
	Floor Hardener	Sika, MU
	Paving Block K-300 tb. 8cm	JKB, ABC, ASIACON
D	BAHAN PENUTUP LANGIT-LANGIT DAN PELAPIS	
	Gypsum	Jayaboard, Aplus, Knauff.
	Calcy silica	Nusaboard, Royal board
	HPL	Taco, Arborite
	Multiplek	Tata, Ciptana
	WPC Board	Golden Plafond, Sunda Plafond
	Compound	A Plus, Elephant, Kalsi
E	BAHAN KAYU	
	Bowplank	Kayu Lokal
	Kayu bekisting	Kayu Lokal
	Listplank 8 x 300 Woodplank	Kalsi, Elephant.
F	KACA	
	Kaca bening, es, ryben, temperd	Asahimas; Pensindo
	Sticker kaca	Sandblast, oneway
G	ATAP	
	Galvalum Pasir t=0,35mm	CBM, Kencana, Bluescope
	Nok Galvalum Pasir t=0,3mm	CBM, Kencana, Bluescope
	Genteng Glazur Besar	M Class, Soka
	Nok Genteng Glazur	M Class, Soka
H	CAT	
	Cat Tembok Interior	Dulux, Jotun, Mowilex
	Cat Tembok Eksterior	Dulux Weather shield, Jotun Weater Shield, Mowilex Eksterior
	Cat Besi/ Kayu	Avian, Propan, Mowilex
	Cat Plafond	Dulux, Jotun, Mowilex
	Cat Genteng	Avian, Altek

No	Bahan / Material	Spesifikasi Teknis (Merk/Type Opsi yang dipersyaratkan)
	Coating Batu Alam	Propan, Glasstone, CP27
	Cat Zincromate	Kansai, Nipon paint, Penta prima
	Cat Duco	Penta prima, Nippon paint
I	ALAT PENGGANTUNG DAN PENGUNCI	
	Penggantung/ Pengunci:	Dekkson, Kenari Djaja
J	SANITAIR	
	Kloset duduk	TOTO CW633 JW/F, CW637J/JP CW431J/JP, CW420J/JP
	Kloset Jongkok	TOTO CE7, CE6
	Washtafel Gantung	TOTO LW211CJ
	Washtafle Tanam	TOTO LW646J, TOTO LW639CJ
	Bak Cuci Piring Stainlesssteel	Valpra VHE-9050
	Sifon	Wasser BTW 002-306, TOTO THX1A-3N
	Jet Shower	TOTO THX20SEV1CR, THX20MCRB, TX403SEV2
	Kran Ø ½"	TOTO T23B13, Wasser TL3-140
	Kran Washtafel	TOTO TX109KEA
	Kran Air Leher Angsa	Wasser TL2 040, TOTO TX 609 K
	Handrail For Washbasin with Screws (For Wheelchair and Crutch Users)	TOTO T113BP23V1
	Floor Clean Out FCO	Wasser FCO-030
	Floor Drain	TOTO TX1DB, Wasser HAS-6442
	Roof Drain	Wasser WRD-030 3"
	Bio Septic Tank Kapasitas 5000 L	Biofil, Biotech, Pennyu
	Tanki air 1050 L	Penguin TB110, Mpoin, Pennyu
K	PLUMBING	
	Pipa PVC	Rucika, Wavin
L	MEKANIKAL ELEKTRIKAL	
	Kabel Listrik	Eterna, Supreme.
	MCB	Broco, Panasonic, Schneider Electric
	Stop Kontak / Saklar	Panasonic; Schneider Electric
	Pipa Conduit Instalasi	Legrand, Clipsal (20mm/ 2,9 m)
	Fire Alarm Detector	Asenware, Hooseki
	Kabel FRC	Belden, Supreme
	Annuciator	Asenware, Hooseki

No	Bahan / Material	Spesifikasi Teknis (Merk/Type Opsi yang dipersyaratkan)
	Sound System	TOA, Yamaha
	Amplifier	TOA, Yamaha
	Outlet Telephone	Panasonic, Philips, Nero
	Single Line Telephone	Panasonic, Sahitel
	PABX	Panasonic, Samsung
	Kabel Fiber Optic	Supreme, Voksel
	Kabel LAN	Belden, Commscope ; Cat6
	Router Utama	Mikrotik; SFP+
	Switch Hub	Cisco, HP ; SFP+
	Access Point	Ubiquiti
	Rack Data	Indorack, Abba rack
	Optical Terminal Box	Netviel
	Outlet LAN	Panasonic, Schneider
	Patch Panel	Belden, Commscope, Netviel
	Patch Cord	Belden, Commscope, Netviel
	UPS	ICA, APC
	Voltage Stabilizer	ICA, APC
	Indoor CCTV	Bardi, Hikvision, Hilook; 4MP; 2.8mm Lens
	Outdoor CCTV	Bardi, Hikvision, Hilook; 4MP; 4mm-6mm Lens
	NVR	Hikvision, Hilook
	Monitor / TV	LG, Sharp
	Proyektor	Epson, Panasonic, BenQ
	Kabel HDMI	Vention, Orico, Bafo
	Kabel VGA	Vention, Orico Bafo
	HDMI Splitter	Vention, Ugreen
	Wall Outlet/ Face Plat HDMI & VGA	Howell, Panasonic
	Lampu LED	Philips, Panasonic, In-Lite
	Lampu Bohlam	Philips; Osram
	Armature Lampu	Artolite, Vakolux, Evako, Saka
	Exhaust Fan Ceiling	Sirocco 10" 180 CMH 19 W
	Exhaust Fan Fume Hood	daya= 300W
	Exhaust Fan Wall Mount	MITSUBISHI 12 inch - 30 RHK
	Cooking Hood	Modena
	Pompa Transfer	Shimizu, Wasser, Versa Pump
	Pompa Booster	Shimizu, Wasser, Versa Pump

No	Bahan / Material	Spesifikasi Teknis (Merk/Type Opsi yang dipersyaratkan)
	Pipa PPR-PN10	Rucika, Wavin
	Pipa PVC AW	Rucika, Wavin
	Pipa PVC D	Rucika, Wavin
	Pipa SDR41	Rucika, Wavin
	Air Conditioner (AC)	LG
	Pipa Refrigerant	Saeki, Denji
	Penangkal Petir Electro Static	R90 Viking, Kurn
	Passenger Lift	UOLA-VOLKSLIFT, Toshiba, Hitachi