□ JAYA CM	DATA TEKNIS PROYEK
KADIRAT OPS	APARTEMEN

NAMA PROYEK	:	PODOMORO GOLF VIEW CIMANGGIS				
PEMILIK	:	PT GRAHA TUNAS SELARAS				
JENIS PROYEK	:	/ER EKKI				
LOKASI	:	GUNUNG PUTRI - BOGOR				
PERIODE PELAKSANAAN	:	Januari 2021 2016 s.d September 2024				

	ELEKTRIKAL												
4	EKKI												
	DATA DAYA UTAN	//A		Daya	SATUAN	KETERANGAN							
	Besaran Daya Total		:	2 228	KVA	Sambungan PLN							
	Listrik Total untuk Penerangan dan stop kontak		:	181,00	KVA								
	Listrik Total untuk Daya :			181,00	KVA								
		- VAC	:	161	KW								
		- Lift	:	243	KW								
		- Escalator	:	N/A	KVA								
		- Pompa-pompa		4.445	KW								
		GONDOLA		4,80	KVA								
		- Total	:	413,00	KVA								

				DATA KEBUTUHAN DAYA			
Lighting / Pener	rangan		MERK	JUMLAH	SATUAN		
Type & Merk Lampu Lobby	1	:	Philips	LED	246	6,08	KW
Type & Merk Lampu Unit	1	:	Philips	LED	7.956	35.616	KW
Type & Merk Lampu Koridor	1	:	Philips	LED	1.100	10,1792	KW
Type & Merk Lampu Office	1	:	Philips	LED	194	4,112	KW
Type & Merk Lampu Parkir	1	:	Philips	TL Balk	624	21,384	KW
Type & Merk Lampu Jalan	Type & Merk Lampu Jalan		Philips	LED	16	8,4	KW
Equipment Utar	na						
Type & Merk Trafo			Trafindo	Basah	2	2X1600	KVA
Type & Merk Panel		:	Inti Muara Elektrindo	Free Standing dan Wall			
Type & Merk Kabel		:	Voksel	NYY,N2XSY,N2XSEYFGby,NYA,NYM,NYMHY,NYAF			
Type & Merk BUS Duct		:	N/A				
	PUBLIK LOBBY UTAMA		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	158,00		
Type & Merk	PUBLIK KORIDOR		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	110,00		
Amature (Stop kontak /dll)	UNIT STUDIO		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	10.548,00		
	UNIT 2BR		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	9.180,00		
	UNIT 3BR		Legrand	6170 00, 6170 56, 6170 42, 6170 97, 6170 90	1.056,00		
Daya PLN	UNIT STUDIO		1.300,00	VA	876,00		
terpasang di UNIT			1.300,00	VA	918,00		
	UNIT 3BR		2.200,00	VA	88,00		
Type & Merk CB			ABB	CB SF 7			

Description Company	5 SOUND SYSTEM	I, IELEPON, FA,	CCIV	, BAS		ı						
County System County Syste	Equipment Utama			MERK	TYPE	TYPE JUMLAH						
Process Comment Comm		SOUND SYSTEM		OUND SYSTEM								
Complete Accorded Tol Coding 1.88 1111		Accoustic		TOA	(W/Chime) ZM-660D	1	UNIT					
Pagent late	Player	Accoustic		TOA	Ceiling	1.083	TITIK					
Companies Comp												
	Speaker	Emergency	:	TOA		78	TITIK					
DAKE CO					AS)							
Common	Telepon Line		:				LINE					
MARCE	PABX	со		Ericsson-LG	eMG800	8	TITIK					
MAIRE		EXTENSION	:	Ericsson-LG		82	TITIK					
PRE ALANN	Intercom					-	UNIT					
NOT STUDIO NOCING DEASC 3.300 TITIK	KABEL			Leoni	AWG							
INTESTICIO												
Control Cont	FIRE ALARM				l	ı						
Control Cont		UNIT STUDIO		HOCHIKI	D-EASC	3.504	TITIK					
NAT JOR		UNIT 2 BR		HOCHIKI	D-EASC	5.508						
Smoke Head AREA PUBLIC HOCHRI D-EASC 668		LINIT 2DD		HOCHIKI	DEASC	990						
Desire												
AREA PUBLISC 1.2 HOCHER D. P. P. P.		KORIDOR PUBLIK		HOCHIKI	D-EASC	968						
PUMBLY TOWER EXIGN FEVER EXIGN Fever Exist Fever	Detector	ADEA BUBLIELA		HOCHIKI	DEACC	60						
DEFLORISY		AREA PUBLIK LI.2		HOCHIKI	D-EASC	69						
DEFLORISY		PUBLIK TOTAL	:	HOCHIKI	D-EASC	1.037	TITIK					
Type A Merk Bell												
Panel Usana Alam		LIFT LOBBY		HOCHIKI	D-EASC	19						
Panel Usana Alam												
Kabel	Type & Merk Bell		:	HOCHIKI	PPE-1(JE)	150	TITIK					
CCTV	Panel Utama Alarm		:	HOCHIKI	(FN-1024x/220V)	1	UNIT					
CCTV												
CCTV	Kabel			Voksel	FRC							
MAREL NA	ссту	1	l				I					
Building Automatic System Automatic	ссту				1/9"CMOS	128						
Building Automatic System BaS	KARFI	Unit	:		AWG		IIIIK					
EQUIPMENT	System				-		POINT					
EQUIPMENT	6 PLUMBING				<u>I</u>	ı	ı					
Kapasitas GWT TOWER EKKI :				MERK	TYPE	JUMLAH	KAPASITAS	SATUAN	DAYA	SATUAN		
Kapasitas RWT TOWER EKKI		TOWER EKKI				1	69	M3				
Atas						•						
Name		TOWER EKKI				1	40	МЗ				
Rapasitas WTP TOWER EKKI : PEVESA		TOWER EKKI	:	Multi wijaya Firbratek	Panel asembly	3	3X40	МЗ				
Pompa WTP TOWER EKKI Ebara Sentifitgal end suction 2 51 m3 / jam 7,5		TOWER FKKI		PEVESA	sistim Filtrasi	1	51	Ma				
Pompa Air Bersith TOWER EKKI Ebara Submersible 5 12 m3/jam 11	Tapaonao VVII	. STILL LINU	<u> </u>			<u>'</u>	ļ	IVIS				
Pompa Sumpit TOWER EKKI Ebara Submersible 5 12 m3/jam 0,4	Pompa WTP	TOWER EKKI		Ebara		2	51	m3 / jam	7,5	KW		
Pompa Grease Trap TOWER EKKI : Ebara submersible 3 3 M3 / jam 1,5	Pompa Air Bersih	TOWER EKKI	:	Ebara	Multi stage	6	20	m3/jam	11	kw		
AB	Pompa Sumpit	TOWER EKKI : Ebara		Ebara	submersible	5	12	m3/jam	0,4	KW		
AK	Pompa Grease Trap	TOWER EKKI	:	Ebara	submersible	3	3	M3 / jam	1,5	KW		
PIPA			:									
ABD												
AH : Rucika,Wavin PVC N/A N/A N/A RISER AB : Spindo PPR N/A N/A N/A R. POMPA AB : Spindo Galvanized N/A N/A VALVE R. POMPA AB Kizt Gate dan Butterfly N/A N/A PRV Singer reducing pressure 1 1 TOWER EKKI : Proses Tender suspended araetion 1 410 m3 / Hari Ukuran Grease Trap TOWER EKKI : P=4.2,L=1.4,T=1 1 TOWER EKKI : P=4.2,L=1.4,T=1	PIPA		_									
R. POMPA AB Spindo Galvanized N/A N/A		АН	-	Rucika,Wavin	PVC	N/A	N/A					
VALVE R. POMPA AB Kizt Gate dan Butterfly 1 PRV Singer reducing pressure 1 STP TOWER EKKI : Proses Tender suspended araetion 1 410 m3 / Hari Ukuran Grease Trap TOWER EKKI : P=4.2,L=1.4,T=1			-									
PRV Singer reducing pressure 1 STP TOWER EKKI : Proses Tender suspended araetion 1 410 m3 / Hari Ukuran Grease Trap TOWER EKKI : P=4.2,L=1.4,T=1	V/AL \/E		<u> </u>			. 4/1	. 4/1					
STP TOWER EKKI : Proses Tender suspended araetion 1 410 m3 / Hari Ukuran Grease Trap TOWER EKKI : P=4.2,L=1.4,T=1		R. PUMPA AB		Kizt	Gate dan Butterfly							
Ukuran Grease Trap TOWER EKKI : P=4.2,L=1.4,T=1	PRV			Singer	reducing pressure		1					
Ukuran Grease Trap TOWER EKKI : P=4.2,L=1.4,T=1	STP	TOWER FKKI		Proses Tender	suspended araetics	1	410	m3 / Hari				
						<u>'</u>	710	ilio / Hall				
	Ukuran Grease Trap	TOWER EKKI	<u>:</u>	P=4.2,L=1	.4,T=1							
Ukuran Sumpit TOWER EKKI : P=1,L=1,T=1	Ukuran Sumpit	TOWER EKKI	:	P=1,L=1	T=1							

SOUND SYSTEM, TELEPON, FA, CCTV, BAS

DOLKEY Control pressure Co	UTAMA Pompa Fire Fighting Tower EKKI Kapasitas Fire Tank Springkler BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	ELECTRIC Diesel Tower EKKI UNIT STUDIO UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER	:	SPP SPP SPP BETON Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Vertical Multi stage Horizontal split case Horizontal split case Side wall Side wall Side wall Pendant Pendant up rigt Type B Type C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(M3/H)/GPM 25GPM 1000 GPM 1000 GPM	8 202 M3 K FACTOR 5,60 5,60 5,60 5,60 5,60	WARNA Merah Merah Merah Merah Merah
Pompa Fire Fighting Tower EKKI	Kapasitas Fire Tank Springkler BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	ELECTRIC Diesel Tower EKKI UNIT STUDIO UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER	:	SPP SPP BETON Tyco Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Horizontal split case Horizontal split case Side wall Side wall Side wall Pendant Pendant pendant up rigt Type B Type C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000 GPM 1000 GPM	202 M3 K FACTOR 5,60 5,60 5,60 5,60	Merah Merah Merah Merah Merah
Tower EKKI	Kapasitas Fire Tank Springkler BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	ELECTRIC Diesel Tower EKKI UNIT STUDIO UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER	:	SPP BETON Tyco Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Side wall Side wall Side wall Side wall Pendant Pendant pendant up rigt Type B Type C	1 1 4.380,00 2.754,00 2.352,00 1.386,00 177,00 150,00 991,00	1000 GPM	M3 K FACTOR 5,60 5,60 5,60 5,60 5,60	Merah Merah Merah Merah Merah
Control pressure Control pre	Springkler BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	Tower EKKI UNIT STUDIO UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER	:	BETON Tyco Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Side wall Side wall Side wall Pendant Pendant pendant up rigt Type B Type C	1 4.380,00 2.754,00 2.352,00 1.386,00 177,00 150,00 991,00		K FACTOR 5,60 5,60 5,60 5,60 5,60	Merah Merah Merah Merah Merah
UNIT STUDIO Tyco Side wall 4.380,00 5,60	Springkler BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	UNIT STUDIO UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER		Tyco Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Side wall Side wall Pendant Pendant pendant up rigt Type B Type C	4.380,00 2.754,00 2.352,00 1.386,00 177,00 150,00 991,00 150	69	K FACTOR 5,60 5,60 5,60 5,60 5,60	Merah Merah Merah Merah Merah
UNIT STUDIO Tyco Side wall 4.380,00 5,60	BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER		Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Side wall Side wall Pendant Pendant pendant up rigt Type B Type C	2.754,00 2.352,00 1.386,00 177,00 150,00 991,00 150		5,60 5,60 5,60 5,60 5,60	Merah Merah Merah Merah Merah
UNIT 2BR	BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	UNIT 2BR UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER		Tyco Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Side wall Side wall Pendant Pendant pendant up rigt Type B Type C	2.754,00 2.352,00 1.386,00 177,00 150,00 991,00 150		5,60 5,60 5,60 5,60	Merah Merah Merah Merah
UNIT 3BR	BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	UNIT 3BR PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER	:	Tyco Tyco Tyco Tyco Tyco SRI SRI SRI	Side wall Pendant Pendant pendant up rigt Type B Type C	2.352,00 1.386,00 177,00 150,00 991,00 150 6		5,60 5,60 5,60	Merah Merah Merah
PUBLIK KORIDOR Tyco	BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	PUBLIK KORIDOR TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN	:	Tyco Tyco Tyco Tyco SRI SRI SRI	Pendant Pendant pendant up rigt Type B Type C	1.386,00 177,00 150,00 991,00 150 6		5,60	Merah Merah
TIPIKAL Tyco Pendant 1.386,00 5,60	BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	TIPIKAL AREA PUBLIK Lt.2 LIFT LOBBY PARKIRAN FF RISER	:	Tyco Tyco Tyco SRI SRI SRI	Pendant pendant up rigt Type B Type C	177,00 150,00 991,00 150 6		5,60	Merah
AREA PUBLIK Lt.2	BOX HIDRANT TOTAL HYDRANT PILLAR SEAMESE PIPA	PARKIRAN FF RISER	:	Tyco Tyco SRI SRI SRI	pendant up rigt Type B Type C	150,00 991,00 150 6			
PARKIRAN : Tyco	TOTAL HYDRANT PILLAR SEAMESE PIPA	PARKIRAN FF RISER	:	Tyco SRI SRI SRI	up rigt Type B Type C	991,00 150 6			
BOX HIDRANT TOTAL SRI Type B 150 HYDRANT PILLAR SRI SRI Type C 6 SEAMESE SRI TWO Way 1 PIPA FF RISER SPINDO Black steel FF SETELAH PRV SPINDO Black steel R. POMPA Kitz Gate dan Butterly IINSTALASI SPINDO Black steel Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	TOTAL HYDRANT PILLAR SEAMESE PIPA	FF RISER	:	SRI SRI SRI	Type B Type C	150 6		5,60	Merah
TOTAL HYDRANT PILLAR SRI HYDRANT PILLAR SRI Type C 6 SEAMESE SRI Two Way 1 PIPA FF RISER SPINDO Black steel FF SETELAH PRV SPINDO Black steel R. POMPA Kitz Gate dan Butterly INSTALASI SPINDO Black steel Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	TOTAL HYDRANT PILLAR SEAMESE PIPA			SRI SRI	Type C	6			
HYDRANT PILLAR SEAMESE SRI Two Way 1 PIPA FF RISER SPINDO Black steel FF SETELAH PRV SPINDO Black steel R. POMPA Kitz Gate dan Butterly INSTALASI SPINDO Black steel Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	HYDRANT PILLAR SEAMESE PIPA			SRI					
SEAMESE PIPA FF RISER SPINDO Black steel FF SETELAH PRV SPINDO Black steel R. POMPA Kitz Gate dan Butterly INSTALASI SPINDO Black steel Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	SEAMESE PIPA			SRI					
PIPA FF RISER SPINDO Black steel R. POMPA INSTALASI SPINDO Black steel Ritz Gate dan Butterly Black steel MCV Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	PIPA								
R. POMPA Kitz Gate dan Butterly INSTALASI SPINDO Black steel Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	VALVE	FF SETELAH PRV		SPINDO	Black steel				
MCV INSTALASI SPINDO Black steel Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	VALVE			SPINDO	Black steel				
MCV Tyco Control pressure with alarm gong Motorized c/w tamperswitc, supervo	VALVE	R. POMPA		Kitz	Gate dan Butterly				
MCV with alarm gong Motorized c/w tamperswitc, supervo		INSTALASI		SPINDO	Black steel				
BCV Tyco tamperswitc,supervo	MCV			Тусо					
	BCV			Тусо	tamperswitc,supervo				
PRV Singer reducing pressure	PRV			Singer	reducing pressure				
MERK TYPE JUMLAH KAPASITAS (CFM) DAYA (KW)				MERK	TYPE	JUMLAH	KAPASITAS (CFM)	DAYA (KW)	
Fan SPF : Fanco aksial 16 20000 11 KW	Fan	0.05	:	Fanco	aksial	16	20000	11 KW	

7	7 VENTILATION & AIR CONDITION			MERK TYPE		JUMLAH (Jumlah 1 Unit/ 1 Area)		SATUAN	DAYA	SATUAN			
	Chiller			-	-	-	-	TR	-	KW			
	Kapasitas Pompa Chiller		:	-	-	-	-	L/S	-	KW			
	AHU/ FCU		:	-	-	-	-	BTUH	-	KW			
	Cooling Tower	Cooling Tower		-	-	-	-	TR	-	KW			
	AC Unit Total Living Room (ditulis tipe acnya, split, VRF, Atau Bed Room FCU, AHU)			N/A	-	-	-	BTUH		KW			
			split, VRF, Atau Bed Room			-	-	втин		kw			
	AC LOBBY LIFT	AC LOBBY LIFT		Panasonic	split duct,casset	5	12000	втин	2,6	KW			
	Lobby UTAMA Towe	er EKKI		Panasonic	Split duct	3	76000	втин	0,9	KW			
	R.Fasilitas			Panasonic	Split wall	3	48000	втин	5,35	KW			
			S						Panasonic	Split wall	14	4 24000	BTUH
	REFRIGERANT		ERANT		preinsuled softann copper pair coils								
		Toilet		Fanco	CEILING FAN		100	CFM	0,03	KW			
	Fan IAF PARKIR		:	Fantech	Axial	6	70000	CFM	3	KW			
		EAF PARKIR	:	Fantech	Axial	2	70000	CFM	3	KW			
		CHWS		N/A									
	PIPA	CHWR		N/A									
		REFRIGERANT		N/A									

8 ELEVATOR & ESCALATOR			MERK	TYPE	JUMLAH	KAPASITAS (KG)	KAPASITAS (PERSON)		DAYA (KVa)
Elevator Penumbang	TOWER EKKI	:	Sigma	PASSENGER	7	4 lift (1600) dan 3 lift (1350)	4 lift (24 org)) dan 3 lift (16 org)	90	23,20
Lift Barang	TOWER Balsa	:	Sigma	SERVICE	3	1600		90	27.2
Escalator		:	-	-	-	-	-	-	-
Kemiringan Escalator			-	-	-	-	-	-	-
Ketinggian Escalator			-	-	-	-	-	-	-
Travelator		:	-	-	-	-	-	-	-
Kemiringan Travelator		:	-	-	-	-	-	-	-
Ketinggian Travelator		:	-	-	-	-	-	-	-

9	GEN SET		MERK	TYPE	JUMLAH	KAPASITAS (KVA)	TOTAL
	Gen Set		Traknus	Stand by	2	500	1.000,00