JAYA CM	DATA TEKNIS PROYEK	Nomor : Halaman :
BIRO ENGINEERING	TRANSPORTASI	Tanggal :

: Angkasa Pura
: Pematangan Lahan dan APRON BARAT NGURAH RAI AIRPORT
: Badung - Bali NAMA PROYEK PEMILIK JENIS PROYEK LOKASI PERIODE PELAKSANAAN

: 2018-2019

O DESKRIPSI		VOLUME/	SATUAN	Biaya Konstruksi	KETERANGAN
		Qty			1.2.12.10.11.07.111
1 UMUM		I			ı
URAIAN		470 000 00	0		Luca a social bandada
Luas area	- :	479.000,00	m2	D. 004 040 470	Luas sesuai kontrak
Lahan GSE Parking Stand	—÷	2124,23	m2	Rp 921.018.172	Tahan aadama aassai inin sa kalis
Pematangan Lahan Pantai	- :	357500	m2	Rp 983.048.813.683	Tahap pertama, sesuai izin yg kelu
Apron (Rigid Pavement) Apron Service Road (Rigid Pavement)	- 1:	60299,027	m2 m2	Rp 102.964.771.719 Rp 12.726.289.453	
Jumlah Parking Stand	<u> </u> -	9139,86	mz	Rp 12.726.289.453	
Narrow Body			Deservet		toudough Colot continue stoud cons
		6	Pesawat		terdapat 6 slot parking stand yang memuat pesawat tipe narrow dan
Wide Body		6	Pesawat		wide body
Rekonflik		0	Pesawat		mae boay
Konstruksi GSE (Rigid Pavement)	- :	2624,8801	m2	Rp 681.608.390	
Saluran (drainase)	:	2466,704	m1	Rp 41.648.590.498	
Apron Flood Light (AFL)	- :	7	Unit	Rp 15.096.536.919	biaya total pekerjaan ME
Spot Number Light (SNL)		6	Unit	·	
Taxiway Edge Light		7	Unit		
Apron Edge Lights (AEL)		26	Unit		
Taxiway Guidance Sign (TGS)		4	Unit		
ССТУ		14	Unit		
Lain-lain	:	479.000,00	m2	Rp 15.693.819.802	Item pekerjaan
		2.222,00			
•				<u>. </u>	•
2. Lahan GSE Parking Stand					
Tebal urugan Limestone	T :	424,847	m3		
Tebal :	-	25	cm		
Type :		Non Plastis			
Merek :	-+	Pecatu			
Tebal pemadatan	- :	25	cm		
Kepadatan material pemadatan (density)		40	%		
Pemasangan Paving Block (tebal)	- + :	2124,235	m2	 	
Tebal :	<u>_</u>	8	cm	 	
Type :		eksisting	OIII		
Merek :	_	eksisting		 	
Dimensi Cansteen		30x15	cm		
Panjang :	_ -	65	m'		
Type :		Precast			
Merek :		Sinar Bali			
Marka parking		79,7665	m2		
Type :	<u> </u> -	Roadline Paint	IIIZ		
Merek :	_	Nippon Paint			
	_				
3. Pematangan Lahan Pantai					
Silt Curtain (panjang)	1:	1500	m'		
Type :		Tube Type			
I Merek :		Geoma		1	
Merek :	-	Geonia			
	_	Geonia			
Merek : Breakwater/ Revetment a. Batu			m3		unit/m3
Breakwater/ Revetment a. Batu Type :	:	139478,8512 Batu Core 15 - 75 Kg	m3		unit/m3 104068,45 r
Breakwater/ Revetment a. Batu Type: Quary:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri	m3		104068,45 ו
Breakwater/ Revetment a. Batu Type: Quary: Type::	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg	m3		104068,45 ו
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Quary::	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri	m3		104068,45 i 29781,94 i
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Type:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg	m3		104068,45 ו
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Quary::	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri	m3		104068,45 i 29781,94 i
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: Quary:		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri			104068,45 29781,94 5628,46
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: Use Company: Description:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri	m2		104068,45 i 29781,94 i
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: Duary: Duary: Description:		139478,8512 Batu Core 15 - 75 Kg Burni Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10			104068,45 29781,94 5628,46
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: Use Company: Description:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri	m2		104068,45 29781,94 5628,46
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: Duary: Duary: Description:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP-	m2		104068,45 29781,94 5628,46
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr	m2		104068,45 29781,94 5628,46
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type:		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr	m2		104068,45 29781,94 5628,46
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type: Merek:	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : Type : Type : Type : Type : Quary : b. Geotextile (tebal) Tebal : Type : Merek : c. A-jack/ Tetrapod		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : Type : Type : Type : Type : Quary : b. Geotextile (tebal) Tebal : Type : Merek : c. A-jack/ Tetrapod	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : Type : Type : Type : Type : Quary : b. Geotextile (tebal) Tebal : Type : Merek : c. A-jack/ Tetrapod Type :		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : Type : Type : Type : Type : Quary : b. Geotextile (tebal) Tebal : Type : Merek : c. A-jack/ Tetrapod Type :		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : Type : Constant of the second of th	1	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : D. Geotextile (tebal) Tebal : Type : Merek : Merek : Merek : E. Crown Breakwater	:	139478,8512 Batu Core 15 - 75 Kg Burni Pasir Mandiri Batu Armor 200-400 kg Burni Pasir Mandiri Batu Armor 400-800 kg Burni Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : b. Geotextile (tebal) Tebal : Type : Merek : c. A-jack/ Tetrapod Type : Merek : e. Crown Breakwater Dimensi :	:	139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type: Merek: c. A-jack/ Tetrapod Type: Merek: e. Crown Breakwater Dimensi: Type:		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350qr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type: Merek: c. A-jack/ Tetrapod Type: Merek: e. Crown Breakwater Dimensi: Type:		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350qr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Quary : Type : Quary : Type : Quary : Type : Count : D. Geotextile (tebal) Tebal : Type : Merek : C. A-jack/ Tetrapod Type : Merek : e. Crown Breakwater Dimensi : Type : Merek : Reklamasi		139478,8512 Batu Core 15 - 75 Kg Burni Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast Sinar Bali	m2 mm unit		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Count : Count : Tebal : Tebal : Tebal : Type : Merek : Count : Merek : E. Crown Breakwater Dimensi : Type : Merek : Reklamasi a. Material Reklamasi		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast Sinar Bali	m2 mm		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type: Merek: C. A-jack/ Tetrapod Type: Merek: e. Crown Breakwater Dimensi: Type: Merek: Reklamasi a. Material Reklamasi Type:		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 -1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast Sinar Bali 2621368,416 Pasir Laut	m2 mm unit		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Count : Count : Tebal : Tebal : Tebal : Type : Merek : Count : Merek : E. Crown Breakwater Dimensi : Type : Merek : Reklamasi a. Material Reklamasi		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast Sinar Bali	m2 mm unit		104068,45 29781,94 5628,46 unit/m3
Breakwater/ Revetment a. Batu Type : Quary : Type : Count		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 - 1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast Sinar Bali 2621368,416 Pasir Laut Sawangan	m2 mm unit		104068,45 29781,94 5628,46 unit/m3 unit/m3
Breakwater/ Revetment a. Batu Type: Quary: Type: Quary: Type: Quary: Type: Quary: D. Geotextile (tebal) Tebal: Type: Merek: C. A-jack/ Tetrapod Type: Merek: e. Crown Breakwater Dimensi: Type: Merek: Reklamasi a. Material Reklamasi Type:		139478,8512 Batu Core 15 - 75 Kg Bumi Pasir Mandiri Batu Armor 200-400 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri Batu Armor 400-800 kg Bumi Pasir Mandiri 65354,22 3.10 Non Woven GTPP- 350gr Geosistem 1228 -1,5 Ton - 2 Ton Sinar Bali 2655,522515 3x1.2 Precast Sinar Bali 2621368,416 Pasir Laut	m2 mm unit		104068,45 29781,94 5628,46 unit/m3

I JAYA CM	DATA TEKNIS PROYEK	Nomor : Halaman :
BIRO ENGINEERING	TRANSPORTASI	Tanggal :

•					
Urugan material sirtu (tebal)	:	40	cm		angka rata - rata
· · ·		Sirtu	GIII	+	angka rata - rata
Type : Quary :		Sinar Bali		+	
Quary :		Siriar Ball			
Pemasangan Geotextile (tebal)	:	3.10	mm		
Туре :		Non Woven GTPP-			
		350gr			
Merek :		Geosistem			
c. Spesifikasi Kapal					kapal ini memenuhi kebutuhan
Nama :		HAM 318			panjang belalai untuk melakukan
Type :		TSHD			pengerukan di quarry
Penyedia :		Van Oord			
Kapasitas :		30000	m3		
Napasilas .		30000	IIIS		
	:				
4. APRON (Rigid Pavement)					
Limestone	:	24328,1	m3		
Tebal :		40	cm		
Type :		Non plastis	0		Indeks plastisitas
Quary :		Pecatu			mucko piastisitas
Quary .		Fecalu			
Lean Concrete	:	9123,03	m3		
Tebal :	L	15	cm	<u> </u>	
Type :	L	K-175		<u> </u>	
Quary :		Sinar Bali			
<u> </u>	<u> </u>				
Mutu Besi (rebar/stek dowel/wiremesh)	Ι.	540	Mna	 	1
	÷		Mpa	 	
Besi dowel (ukuran / diameter)	Ŀ	32,22,10	mm	+	
Туре :	<u> </u>	-		1	
Merek :	L	Master Steel		<u> </u>	
Besi wiremesh (ukuran / diameter)	L:	6	mm		
Type :		M6			
Merek :		Master Steel			
Mutu Beton perkerasan		4,6	Мра		
Dimensi/tebal perkerasan	:	500	mm		
Type :		Cast in Site			
Merek :		Sinar Bali			
Material marka (tipe/jenis)	:	3821,85	m2		
Type :		Roadline Paint			
Merek :		Nippon Paint			
Sealant (tipe/jenis)		1	cm		lebar
			CIII	 	lebai
Type :		thioflex 600			
Merek :		Fosroc			
Kansteen (dimensi)	:	150x300	mm		
5. APRON SERVICE ROAD (Rigid Pavement)					
5. APRON SERVICE ROAD (Rigid Pavement) Limestone (tebal)	 	3834 53	m3		
Limestone (tebal)	 	3834,53	m3		25 cm untuk area di luar arron
Limestone (tebal) Tebal:	 	40	m3 cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type :	:	40 Non Plastis			25 cm untuk area di luar aproi
Limestone (tebal) Tebal:	:	40			25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type :	:	40 Non Plastis			25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type :	:	40 Non Plastis			25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary :	:	40 Non Plastis Pecatu 1220,3	cm m3		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal :	:	40 Non Plastis Pecatu 1220,3 15	cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal: Type: Quary: Lean Concrete (tebal) Tebal: Type:	:	40 Non Plastis Pecatu 1220,3 15 K-175	cm m3		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal :	:	40 Non Plastis Pecatu 1220,3 15	cm m3		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali	m3		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi	:	40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali	m3 cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter)	:	40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32	m3		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi	:	40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali	m3 cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter)	:	40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32	m3 cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type :	: : : : : : : : : : : : : : : : : : : :	40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6	m3 cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter)	: : : : : : : : : : : : : : : : : : : :	40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6	m3 cm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel	m3 cm Mpa mm mm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel	m3 cm		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel	m3 cm Mpa mm mm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali	m3 cm Mpa mm mm		25 cm untuk area di luar apror
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali	m3 cm Mpa mm mm		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali	m3 cm Mpa mm mm Mpa		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali	m3 cm Mpa mm mm		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint	m3 cm Mpa mm mm Mpa		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali	m3 cm Mpa mm mm Mpa		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint	m3 cm Mpa mm mm Mpa mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal :: Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint	m3 cm Mpa mm mm Mpa		25 cm untuk area di luar aproi
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600	m3 cm Mpa mm mm Mpa mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal :: Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint	m3 cm Mpa mm mm Mpa mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600	m3 cm Mpa mm mm Mpa mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc	m3 cm Mpa mm mm Mpa mm m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc	m3 cm Mpa mm mm Mpa mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast	m3 cm Mpa mm mm Mpa mm m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc	m3 cm Mpa mm mm Mpa mm m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast	m3 cm Mpa mm mm Mpa mm m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal :: Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type : Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast	m3 cm Mpa mm mm Mpa mm m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast	m3 cm Mpa mm mm Mpa mm m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type : Merek :		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali	m3 cm Mpa mm mm Mpa cm Mpa mm mm mm mm mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Concrete (tebal)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali	m3 cm Mpa mm mm Mpa cm Mpa mm mm Mpa mm mm ma m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type : Merek : Dinding Saluran (Abutment Jembatan Service Road) a. Lean Concrete (tebal) b. Beton (dimensi/tebal)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali 6 16,68	m3 cm Mpa mm mm Mpa cm Mpa mm mm mm mm mm		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Dimding Saluran (Abutment Jembatan Service Road) a. Lean Concrete (tebal) b. Beton (dimensi/tebal) c. Mutu Beton (K/ fc')		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali 6 16,68 400	m3 cm Mpa mm mm Mpa mm mm Mpa mm mm ma m		25 cm untuk area di luar apron
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Kansteen (dimensi) Type : Merek : Dinding Saluran (Abutment Jembatan Service Road) a. Lean Concrete (tebal) b. Beton (dimensi/tebal)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali 6 16,68 400 22	m3 cm Mpa mm mm Mpa cm Mpa mm mm Mpa mm mm ma m2		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Dimding Saluran (Abutment Jembatan Service Road) a. Lean Concrete (tebal) b. Beton (dimensi/tebal) c. Mutu Beton (K/ fc')		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali 6 16,68 400	m3 cm Mpa mm mm Mpa mm mm Mpa mm mm ma m		
Limestone (tebal) Tebal : Type : Quary : Lean Concrete (tebal) Tebal : Type : Quary : Mutu Besi : Besi dowel (diameter) Besi wiremesh (diameter) Type : Merek : Mutu Beton Perkerasan Merek : Dimensi/tebal perkerasan Material marka (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Sealant (tipe/jenis) Type : Merek : Dimding Saluran (Abutment Jembatan Service Road) a. Lean Concrete (tebal) b. Beton (dimensi/tebal) c. Mutu Beton (K/ fc') d. Besi tulangan (diameter)		40 Non Plastis Pecatu 1220,3 15 K-175 Sinar Bali 540 10,22,32 6 M6 Master steel 33,2 Sinar Bali 50 251,0131 Roadline Paint Nippon Paint 1 thioflex 600 Fosroc 15x30 Precast Sinar Bali 6 16,68 400 22	m3 cm Mpa mm mm Mpa mm		

JAYA CM	DATA TEKNIS PROYEK	Nomor : Halaman :
BIRO ENGINEERING	TRANSPORTASI	Tanggal :

		ΕN	T (Rigid Pavement)			
	nestone (tebal)	:	656,22	m3		
	Tebal :		25	cm		
	Туре :		Non plastis			
	Quary :		pecatu			
Pa	sir urug (tebal)	:	262,48801	m3		
	Tebal :		10	cm		
	Туре :		pasir laut			
	Quary :		sawangan			
Pa	ving Block (tebal)	:	2624,88	m2		
	Tebal :		8	cm		
	Туре :		eksisting			
	Merek :		eksisting			
	luran (Drainase)					
Во	x culvert (dimensi)	:	1600x1100	mm		
	Type :		SD1			
Во	x culvert (dimensi)	:	3400x2000	mm		
	Type :		SD2			
Bo	x culvert (dimensi)	:	3800x2200	mm		
Б.	Type :		SD3			
Bo	x culvert (dimensi)	:	3900x2300	mm		
	Type :		SD4			
Во	x culvert (dimensi)	:	1000x800	mm		
	Type :		SD5			
Во	x culvert (dimensi)	:	4700x1100	mm		
-	Type :		SD6			
1111	Merek : Ditch (dimensi)		Sinar Bali 1500x1000	mm		
U-I	Type :	-	1500x1000 SD1	mm		+
U-l	Ditch (dimensi)	:	400x600	mm		
	Type :	Ė	SD3			
U-I	Ditch (dimensi)	:	1000x1200	mm		
- ,	Type :		SD4	mm		
U-I	Ditch (dimensi) Type :	-	3000x1500 SD5B	mm		+
U-l	Ditch (dimensi)	:	3000x1500	mm		
	Type :		SD6			
U-l	Ditch (dimensi)	:	3000x1500	mm		
-	Type :	_	SD7			
U-I	Ditch (dimensi) Type :	-	300x300 SD9	mm		
U-l	Ditch (dimensi)	-	400x600	mm		
	Type :	_	SD10			
_	Merek :		Sinar Bali			
V.	lom Olak (iumlah)		3			
NO	lam Olak (jumlah) Type :	-	Precast	unit		
	Type : Merek :		Sinar Bali			
-	Werek .		Silidi Dali			
Ste	eel Grating Galvanized (dimensi)		900x900	mm		
	Type :	_	-			
	Merek :		local			
Ш_						
	EKTRIKAL		•			
	itgoing Medium Voltage Panel, MCSG 24 kV	:	1	unit		
Ou	itgoing (VCB 630 A/CT/ES)			G.III		
	Merek :		LS-VINA			
	Tegangan :		24	kV		
_	Frekuensi :		50/60	Hz		
	Peak Current		63	kA		
Κo	Current bel tegangan menengah	-	624,00	m'		+
i\a	Merek :	-	Kabel Metal	1111		+
+			N2XSEBY 3cx50 mm2			+
l	Type :		12/20kV		<u> </u>	
	ron Distribution Panel	:	1	unit		
Ap	Merek :		LS-VINA			Trafe alored one OD 50 11/2 55
Ap	Trafo :		50	kVA		Trafo stepdown 3P 50 kVA, 20 kV/0,4 kV
Ap	Frekuensi :		50	Hz		NV/U,44 NV
Ap						
		:	0	unit/ m'	<u> </u>	
Pa	nel LP/PP, UPS dan Grounding dan Kabel Power					
Pa Ap	ron Flood Light Panel (AFLP)	:	7	unit		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light	:	7 7	unit unit		
Pa	ron Flood Light Panel (AFLP)	:				
Pa	ron Flood Light Panel (AFLP) ron Flood Light	:	7 20			
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type:	:	7 20 High Mast Pole	unit		
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek :	:	7 20	unit		
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lighting LED	:	7 20 High Mast Pole PT.Panca Karya Wijaya	unit		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tlang Flood Light Height: Type: Merek: Lighting LED Type:	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W	unit		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type: Merek: Lighting LED Type: Merek:	:	7 20 High Mast Pole PT.Panca Karya Wijaya	unit		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type: Merek: Lighting LED Type: Merek: Lumen Output	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W	unit		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type: Merek: Lighting LED Type: Merek: Lumen Output	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232	unit m		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type: Merek: Lighting LED Type: Merek: Lumen:	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5	unit m		
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lighting LED Type : Merek : Lumen : Output Luminous Efficacy Lumen :	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5	unit m		pada jarak 74 m
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type: Merek: Lighting LED Type: Merek: Lumen: Output Luminous Efficacy Lumens: Origin:	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5	unit m Im		pada jarak 74 m
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lighting LED Type : Merek : Lumen : Output Luminous Efficacy Lumen :	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5	unit m Im		pada jarak 74 m
Pa Ap	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height: Type: Merek: Lighting LED Type: Merek: Lumen: Output Luminous Efficacy Lumens: Origin:	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5	unit m Im		pada jarak 74 m
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lighting LED Type : Merek : Lumen : Output Luminous : Efficacy : Lumens : Origin : Obstruction Lamp Type :	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5 20 Belgium Obstivision LED XGP500	unit m Im		pada jarak 74 m
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lighting LED Type : Merek : Lumen : Output Luminous Efficacy Lumens : Origin : Obstruction Lamp Type : Merek :	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5 20 Belgium Obstivision LED XGP500 Philips	unit m Im		pada jarak 74 m
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lughting LED Type : Merek : Lumen Output Luminous Efficacy Lumens : Origin : Obstruction Lamp Type : Merek : Lumen	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5 20 Belgium Obstivision LED XGP500	unit m Im		pada jarak 74 m
Pa	ron Flood Light Panel (AFLP) ron Flood Light Tiang Flood Light Height : Type : Merek : Lighting LED Type : Merek : Lumen : Output Luminous Efficacy Lumens : Origin : Obstruction Lamp Type : Merek :	:	7 20 High Mast Pole PT.Panca Karya Wijaya EWO F- System 555 W ADB 60.232 108,5 20 Belgium Obstivision LED XGP500 Philips	unit m Im		pada jarak 74 m

JAYA CM	DATA TEKNIS PROYEK	Nomor : Halaman :
BIRO ENGINEERING	TRANSPORTASI	Tanggal :

	Spot Number Light (SNL) :	6	set			
	Type :	1 -				
	Merek :	Lokal				
	Apron Edge Light Inset :					
		7	set			
	Type :	ITEL-L LED 19.5 VA				
	Merek :	ADB				
	Isolating	ADB Type 30/45W, 6.6				
	Transform :	Α				
	er					
	Primary					
	Connecto :	ADB Type CKE 52				
	[
	Secondar					
	y Connecto :	ADB Type SCK				
		7.				
	<u>r</u>					
	Apron Edge Light (AEL)	26	unit			
	Type :	VEE-3-030 With Blue				
		Dome				
	Merek :	ADB				
	Isolating	ADB Type 30/45W, 6.6				
	Transform :	A A				
	er	^				
	Primary					
	Connecto:	ADB Type CKE 52				
	r					
	Secondar					
	у .	ADB Type SCK		1		
	Connecto ·	UPD Type OCK		1		
	r	1			ļ	
	Taxiway Guidance Sign (TGS)	4	unit		<u> </u>	
П	Type :	PVL-RPV	-			
	Merek :	ADB			1	
	Isolating				 	1
	Transform:	ADB Type 30/45W, 6.6		1		
	er	Α		1		
	Primary	†			l	<u> </u>
	Connecto :	ADB Type CKE 52		1		
	r	13pc ONL 02		1		
	Secondar	1			Ì	
	v			1		
	Connecto :	ADB Type SCK		1		
I	r	1		1		
	Airfield Lighting Control & Monitoring :	0	unit			
	Type :	-	u			
		+				
	Merek :	-				
	Lampu Perimeter :	75	unit			
		BVP161 LED26/CW				
	Type :	30W 220-240V WB				
		GREY				
	Merek :	Philips				
	Sistem CCTV (Apron Barat) :	4	unit			
	Type :	4 Sarix Pro IBP521-1R	unit			
			unit			
	Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5	unit m'			
	Type : Merek : - Kabel FO	Sarix Pro IBP521-1R Pelco 1757,5				
	Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1-				
	Type : Merek : - Kabel FO Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024)				
	Type : Merek : - Kabel FO Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1-				
	Type : Merek : - Kabel FO Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV	Sarix Pro IBP521-1R				
	Type : Merek : - Kabel FO Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan)				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type :	Sarix Pro IBP521-1R				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Media Converter	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Media Converter	Sarix Pro IBP521-1R				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - Merek : - Pathcord FO	Sarix Pro IBP521-1R				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP Type :	Sarix Pro IBP521-1R				
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek				
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	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20	m'			4 unit
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - SFPP Type : Merek : - SISTEM CCTV (Perimeter) Type : Type : Type : Sistem CCTV (Perimeter)	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R	m'			4 unit 6 unit
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : Sistem CCTV (Perimeter) Type : Merek : - Type : Merek : - Sistem CCTV (Perimeter) Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - SFPP Type : Merek : - SISTEM CCTV (Perimeter) Type : Type : Type : Sistem CCTV (Perimeter)	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : Sistem CCTV (Perimeter) Type : Merek : - Type : Merek : - Sistem CCTV (Perimeter) Type : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1-	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - Kabel FO Type :	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - SFPP Type : Merek : - SFPP Type : Merek : - Step : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Kabel FO Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1-	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Media Converter Type : Merek : - Fabel Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - Sistem CCTV (Perimeter) Type : Merek : - Kabel FO Type : Merek : - Type : Merek : - Type : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Tiang CCTV	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Media Converter Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Tiang CCTV Type :	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Media Converter Type : Merek : - Fabel Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - Sistem CCTV (Perimeter) Type : Merek : - Kabel FO Type : Merek : - Type : Merek : - Type : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Tiang CCTV	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Media Converter Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Tiang CCTV Type :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : -FSFP Type : Merek : - Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Tippe : Merek :	Sarix Pro IBP521-1R Pelco 1757.5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - Sistem CCTV (Perimeter) Type : Merek : - Kabel FO Type : Merek : - Tiang CCTV Type : Merek : - Tiang CCTV Type : Merek : - Panel CCTV	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal Outdoor (c/w UPS 650	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : -FSFP Type : Merek : - Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Tippe : Merek :	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal Outdoor (c/w UPS 650 VA, Timer, Arester, Mini	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - SFP Type : Merek : - SFP Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type :	Sarix Pro IBP521-1R Pelco 1757.5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan)	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : - SFPP Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - Sistem CCTV (Perimeter) : Type : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal Outdoor (c/w UPS 650 VA, Timer, Arester, Mini	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Media Converter Type : Merek : - Fabel Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - FSFP Type : Merek : - Sistem CCTV (Perimeter) : Type : Merek : - Kabel FO Type : Merek : - Fabel FO Type : Merek : - Fabel FO Type : Merek : - Tiang CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV Type : Merek : - Kabel Type :	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - PsFP Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Kabel FO Type : Merek : - Panel CCTV	Sarix Pro IBP521-1R Pelco 1757,5 24 Core (NVL-DB-SM1- 024) Netviel Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal EF24-1G-1SFP Atop NYRGBY 3C x 2,5mm2 Kabel Metal LC-SC Single Mode P.3M Simplek BG5M15C 20 10 IBP521-1R IBP831-1R Pelco 24 Core (NVL-DB-SM1- 012) Netviel Angguk Lokal Outdoor (c/w UPS 650 VA, Timer, Arester, Mini Fan) Lokal	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV Type : Merek : - Kabel Type :	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - Pathcord FO Type : Merek : -FSFP Type : Merek : -FSFP Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type : Merek : - Panel CCTV Type : Merek : - Cobstruction Lamp	Sarix Pro IBP521-1R	m'			
	Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Media Converter Type : Merek : - Kabel Type : Merek : - Pathcord FO Type : Merek : - PsFP Type : Merek : - FSFP Type : Merek : - Tippe : Merek : - Kabel FO Type : Merek : - Fanel CCTV Type : Merek : - Panel CCTV Type : Merek : - Kabel FO Type : Merek : - Panel CCTV Type : Merek : - Kabel FO Type : Merek : - Panel CCTV	Sarix Pro IBP521-1R	m'			



Video Management System		1	set			
- Core Media Gateway						
Type :		CMG-SVRP				
Merek :		Pelco				
- WS Operation Centre						
Type :		U1-OPS-WK56P				
Merek :		Pelco				
- Enhance Decoder				İ		
Type :		VX-A3-DEC				
Merek :		Pelco				
- Network Storage						
Type :		Ultimate 96 TB				
Merek :		Pelco				
- Outdoor Smartrack						
Type :		FRODC42UALG				
Merek :		Fortuna Rack	İ			
- Din Rail			İ			
Type :		AD1048-24FS				
Merek :		Atop				
- Industrial Media Conventer				İ		
Type :		EF24-1G-1SFP				
Merek :		Atop			-	
- SPF Transeiver Module						
Type :		SFP-10G-LR				
Merek :		Cisco				
- PoE + Injector Power Supply						
Type :		15.4 Watt				
Merek :		Cisco				
- Swicth Hub		0.000				
Type :		WS-C3850-24P-S				
Merek :		Cisco				
- OTB 48 port Rackmount						
Type :		NVL-OTB-RM-48				
Merek :	-	Netviel			+	
- OTB 12 port Rackmount		INCLVICE				
Type :	_	NVL-OTB-RM-12				-
Merek :		Netviel				
	_	inetviei				
- Pathcord FO						
Type :		LC-SC Single Mode				
Merek :						
Penerangan Jalan Umum (PJU) service road	1:	7	unit			
Type :		BPR 132 LED				
Merek :	+	140W/NW Philips	1		†	1
INICICK .	_	Fillips		+		