

MARKAS BESAR TNI ANGKATAN DARAT
PUSAT PERHUBUNGAN

**URAIAN PEKERJAAN
CCTV MAKOSTRAD**

NO	NAMA BARANG	BANYAKNYA
1	2	3
	CCTV MAKOSTRAD Tiap-tiap paket terdiri dari :	1 Paket
I	CCTV	
	CCTV FIXED	
1	IP Camera Outdoor Day & Night with A.I.	16 Unit
2	IP Camera Outdoor 180° Degree Dual-Lens	1 Unit
3	IP Camera Indoor Dome Color	18 Unit
4	IP Camera Indoor Color	2 Unit
5	IP Camera Indoor Hemispheric Color	10 Unit
6	Software CCTV	47 Unit
	CCTV PTZ	
1	IP Camera Single Lens Outdoor PTZ	2 Unit
2	Software CCTV PTZ	2 Unit
II	RUANG KONTROL	
1	NAS Storage 32TB TB	2 Unit
2	HDD 4TB	16 Unit
3	Komputer Workstation Viewer	
	a. Komputer Viewer	1 Unit
	b. Software CCTV Viewer	1 Unit
4	Komputer Workstation Client	
	a. Komputer Client	1 Unit
	b. Software CCTV Client	1 Unit
5	LED Monitor 43"	4 Unit
6	Switch PoE 8 Port	6 Unit
7	Switch PoE 16 Port	3 Unit
8	Media Converter	10 Unit
9	UPS 2200VA	1 Unit
10	Server 2Xeon E5-2650v3 32GB 300GB	2 Unit
11	Internet Access Management	1 Unit
	- Layanan Internet 100Mbps Selama 36 Bulan	1 Lot

1	2	3
III	INFRASTRUKTUR JARINGAN	
1	Kabel FTP/STP Cat5e	18 roll
2	Outdoor Panel 60cm x 40cm x 30cm	7 unit
3	Material Instalasi :	1 paket
	a. Fiber Optic 4 core Direct Buried	1250 meter
	b. Subduct HDPE	800 meter
	c. Kabel Listrik 3 x 1.5 NYM @50 m/roll	15 pcs
	d. Pipa Conduit 20mm	350 pcs
	e. Pipa Flexible 20mm 50mtr/roll	5 pcs
	f. Stop Kontak 4 lobang	5 pcs
	g. Stop Kontak 6 Lobang	2 pcs
	h. Rj45 Cat 6	2 pcs
	i. ODP 24 Core lengkap pigtail sc	6 pcs
	j. MCB 2 Amper	6 pcs
	k. Paket OTB 24 core Lengkap	4 pcs
	l. Pipa Galvanis 1/2" 2.6mm	10 pcs
	m. Semen 50KG	1 pcs
	n. Patch Cord RJ45 1 meter	10 pcs
	o. Pigtail SC 1 meter	10 pcs
	p. Dynabolt	50 pcs
	q. Perbaikan Keramik Pos Jaga yang Rusak Akibat Instalasi	1 pcs
	r. Kabel Ties	4 pcs
	s. Sok Pipa Conduit 20mm	3 pcs
4	Materiil Instalasi Gedung Parkir :	
	a. Box Panel	1 pcs
	b. Kabel FTP Cat 5e	100 pcs
	c. Media Converter	1 pcs
	d. Switch Tenda 6 Port PoE	1 pcs
	e. ODP 24 Core lengkap pigtail sc	1 pcs
	f. Kabel FO 4 Core Direct Buried	100 pcs
	g. Splicing + OTDR FO	1 pcs
	h. Paket OTB	1 pcs
	i. Support CCTV	2 pcs
	j. Kabel Power 1.5 x 2 NYY	1 pcs
5	Tiang CCTV Custom	7 Unit
6	Instalasi dan Setting	1 lot
7	Testing dan Komisioning	1 lot
8	Pelatihan 10 Orang selama 5 Hari	1 lot

a.n. Kepala Pusat Perhubungan TNI AD

Waka

selaku Pejabat Pembuat Komitmen,

Zakaria
Brigadir Jenderal TNI