

URAIAN SINGKAT KEBUTUHAN
PENGADAAN ALKOM SATOPS (MULTIYEARS TAHAP-I)

NO	NAMA BARANG	BANYAKNYA
1	2	3
1	Alkom Satops	1 Paket
	Tiap-tiap terdiri dari :	
	<i>Mobile Auto Acquisition Satellite Antenna System for Satellite Backbone</i>	
	a. Peralatan Utama	
	1) Mobile Antenna System include Block Up Converter (BUC)	9 Set
	2) Mobile VSAT Modem Terminal	9 Set
	b. Peralatan Pendukung	
	1) Camera 4K with Video Audio Transmitter	9 Set
	a) Camera 4k Set	
	b) Video Audio Transmitter	
	c) Battery (2 Unit)	
	d) Charger	
	e) Camera Bag	
	2) POE LAN Switch include UTP Cable	9 Set
	a) POE Unmanage 8 Port	
	b) Kabel UTP	
	3) Wide Area Portable Router Wireless	9 Set
	4) Rack Mount Cases include Custom Bag 4U	9 Set
	5) Power Station dan Solar Panel	9 Set
	a) Portable Power Station - Transportable	1 Set
	b) Solar Panel 400 W	1 Set

1	2	3
	c) Portable Power Station - Manpack d) Solar Panel 100 W 6) Mini Generator Set 7) Ruggedize Laptop 8) IP Phone	1 Set 1 Set 9 Set 9 Set 9 Set
2	<i>Fix Antenna Motorized System for Satellite Backbone</i>	
	a. Peralatan Utama	
	1) Fixed Antenna System include Block Up Converter (BUC)	15 Set
	2) Fixed VSAT Modem Terminal	15 Set
	b. Peralatan Pendukung	
	1) POE LAN Switch include UTP Cable	15 Set
	a) POE Unmanage 8 Port	
	b) Kabel UTP	
	2) Portable Router Wireless	15 Set
	3) Rack Mount Cases 12U	15 Set
	4) Power Station with Solar Panel	15 Set
	a) Power Station - 3600Wh	1 Set
	b) Battery Extention - 3600Wh	2 Set
	b) Foldable Solar Panel Transportable - 400W	4 Set
	c) Mounting & aksesoris instalasi	1 Set
	5) Ruggedize Laptop	15 Set
	6) IP Phone	15 Set
3	Perangkat Hub Station Redundancy System	
	a. Forward & Return Link Sub System (FLSS & RLSS)	1 Set
	b. Perangkat Hub Firewall and Monitoring	1 Set
	c. Kapasitas Internet 50 Mbps untuk 36 bulan di Hub Station	1 Paket

1	2	3
4	Ransus Mobile Communication a. Double Cabin 4x4 MT b. Army Paint	3 Unit
5	Instalasi dan Setting	1 Lot
6	Pelatihan dalam negeri selama 5 hari untuk 10 orang	1 Lot
7	FAT selama 5 hari untuk 5 orang	1 Lot
8	Testing dan Komisioning	1 Lot