**SPESIFIKASI TEKNIS**

1. **Untuk Kebutuhan di Data Center**
2. GPON OLT Chassiss

* Switching Capacity 128 Gbps
* Forwarding Capacity(Ipv4/Ipv6) 95.23 Mbps
* Service Port 8 x PON Port, 4 x 10 GE/GE SFP + optical port + 8 GE copper port

1. SFP GPON Transceiver

* Transmitter, Data rate 1.25 Gbps
* Receiver, data rate 1.25 Gbps

1. Optical Terminal Box 24 Core

* Rackmount
* Maximal capacity: 24 fibers

1. 24 Core Optical Fiber

* Aerial Cables
* 24 core

1. 2 Core, Optical Drop Cable

* 2 Core

1. Join Enclosure

* 12 - 144 cores for fiber optic instalations
* Inline/Dome
* SC/FC/ST adapters
* SC/FC/ST pigtail
* Waterproof

1. 1:4 splitter with SC connector

* Bisa digunakan system FO yang akan dipasang

1. 1:8 splitter with SC connector

* Bisa digunakan system FO yang akan dipasang

1. Stainless belt

* Bisa digunakan system FO yang akan dipasang

1. Suspension

* Bisa digunakan system FO yang akan dipasang

1. Deadend/ancore

* Bisa digunakan system FO yang akan dipasang

1. Treem / Coil slick

* Bisa digunakan system FO yang akan dipasang

1. Converter FO

* Bisa digunakan system FO yang akan dipasang

1. Cloud Core Router

* 9 Core
* 1U Rackmount
* 7 Port Gigabit Ethernet
* 1 Port Serial
* 1 Port USB

1. Switch Managed

* 48x Gigabit Ethernet Port

1. Crimping Tools

* Crimping Plier for modular plug Rj 45
* Crimping Plier for modular plug Rj 11
* Crimping tool with round cable stripper and cable cutter

1. LAN Tester

* Port Test Compability 6 pin RJ-11 Connectors, 8 pin RJ-45 Connectors
* Wire Test Method Strike Test, Cross Test, Speed Test

1. Wireless Point To Point

* Designed to operate in high interference environments
* Provides superior throughput of up to 150 Mbps
* Flexible mode of operation
* High performance
* Low 6 ms latency
* QoS management
* Channel spacing configurable on 5 Mhz

1. Acces Point Indoor

* Support 802.11b/g/n and 802.11a/n, built‐in 2\*2MIMO antenna
* Support 2.4G and 5G terminal access
* Support ceiling ,wall mounted
* High receiving sensitivity, meet operators technical standard

1. Tool Kit Set

* Material berkualitas
* Kuat dan tahan lama
* Anti karat
* Dengan kotak penyimpanan

1. Server

* Intel Xeon e5
* 550 Watt
* 1x8 GB RAM
* HDD 500 GB

1. Memori

* Support for server

1. HDD

* Support for server

1. Air conditioner split echo 1 pk

* Capacity 1 PK

1. Air conditioner split echo 1/2 pk

* Capacity ½ PK

1. KVM Switch Console Server

* Dual interface support computers with PS/2 or USB keyboards and mouse
* Multiplatform support windows, Linux, Mac and Sun
* Superior video quality
* Two level password security

1. Printer All In One (Print, Scan, Copy)

* Function print, scan, copy
* Print method on demand inkjet
* Print direction bi directional printing, uni directional printing
* Maximum resolution 5760 x 1440 dpi

1. Notebook

* Intel Core i3
* 4 GB RAM
* 500 GB HDD
* Minimum 11 inch

1. PC Desktop

* Processor Intel Core i7
* DDR4 16 GB
* SSD 512 GB
* VGA Card 4 GB

1. Scanner

* OCR 600 dpi
* 20 Sheet ADF
* 25 ppm

1. LCD Projector

* Native Resolution SVGA
* White light output (Normal / Eco ) 3000lm / 2100lm
* Colour light Output 3000 lm
* Contrast Ratio 15000:1

1. Camcorder HDR-PJ410

* Optical Steadyshot with intelligent active mode
* Up to 26.8mm wide angle lens
* Exceptional image quality
* Motion shot video
* Face detection
* Smile shutter

1. Smart-UPS VT 20kVA 400 V

* Technology online double conversion
* Input voltage 220/230/240V
* Output voltage 220V/230V240V

1. Handy Talkie

* Channel name display and setting
* LED display mode
* Receive saving function
* PC programmable

1. Tabung APAR

* Carbon dioxide
* Menggunakan pressure indukator
* Media tekanan dalam tabung N2

1. TV LED Full HD 43 inch

* 43 inch minimal
* Full HD
* Sudah LED

1. Anjungan Informasi Publik

* Layar monitor LED
* Koneksi LAN dan Wifi
* Tampilan kokoh
* Multifungsi

1. TV LED Full HD 60 inch

* 60 inch minimal
* Full HD
* Sudah LED

1. UPS 3100C 5 Kva

* Output power capacity 3500 Watts / 5000 VA
* Max Configurable power 3500 Watts / 5000 VA
* Nominal Output Voltage 230 V
* Nominal Input Voltage 230 V

1. PC Desktop

* Processor Intel Core i7
* DDR4 16 GB
* SSD 512 GB
* VGA Card 4 GB

1. IP Camera

* Up to 1920x1080 High resolution
* Smart IR, IR Range : 30m ~ 50 m
* Ultra Low Light 0.0008Lux
* Triple Streams

1. NVR 32 ch

* Support 32 Channel
* Support Ip Camera

1. Drone Built Up

* kamera 20MP
* video berkemampuan 4K
* durasi penerbangan sampai 30 menit

1. Rack & Wiring System

* 42 U
* Console Monitor
* Power Monitor Control
* Utility System
* Automatic Shutdown
* Power Storage

1. Tower Triangle

* Ukuran 30x30x30 cm
* Hot Dip Galvanize
* Besi utama SNI
* Jari-jari SNI
* 5 meter/stage

1. Kawat seling

* Support tower triangle
* Kawat baja

1. Antipetir

* 0-6 Ghz

1. Panel Terminal Listrik 3 phase

* 3 phase

1. Genset 8000 W

* Maks. Kapasitas 8300 Watt
* Tipe Starter Recoil + Electric
* Support overheat protector

1. Stabilizer 15 KVA 3 Phase

* 3 Phase
* Kapasitas 15000 VA
* Ampere 23 A

1. Kabel STP Cat 5e

* Insulation material polyolefin
* Jacket material PVC
* Connection applicable 10 base-T, 100 base-T, ATM, Ethernet, token ring, Audio, telephone, multimedia network

1. Konektor Kabel UTP

* Support kabel STP Cat 5e

1. **Untuk Kebutuhan Di SKPD FO**
2. Optical Network Unit (ONU)

* Support 20 KM transmission distance of signal optical fiber
* Support 128 Bits uplink and downlink triple agitation encryption
* Support loop detection

1. Rowset 2 Core, terminal Box with 1 SC adapter

* Bisa digunakan system FO yang akan dipasang

1. SC/PC patch cord, 2 m/each

* Bisa digunakan system FO yang akan dipasang

1. Pigtail

* Bisa digunakan system FO yang akan dipasang

1. Rack 8U

* 8U
* Single Door

1. Unmanagable Switch 8 port

* 8 port
* Switching capacity 1.6 Gbps
* Auto MDI/MDIX crossover for all ports

1. UPS 1000 VA

* Capacity 1200 VA
* AC Voltage 160 – 250 V

1. Kabel STP Cat 5e

* Insulation material polyolefin
* Jacket material PVC
* Connection applicable 10 base-T, 100 base-T, ATM, Ethernet, token ring, Audio, telephone, multimedia network

1. Konektor kabel UTP

* Support kabel STP Cat 5e

1. **Untuk Kebutuhan Di SKPD Wireless**
2. Rack 8U

* 8U
* Single Door

1. Unmanagable Switch 8 port

* 8 port
* Switching capacity 1.6 Gbps
* Auto MDI/MDIX crossover for all ports

1. UPS 1000 VA

* Capacity 1200 VA
* AC Voltage 160 – 250 V

1. Kabel STP Cat 5e

* Insulation material polyolefin
* Jacket material PVC
* Connection applicable 10 base-T, 100 base-T, ATM, Ethernet, token ring, Audio, telephone, multimedia network

1. Konektor kabel UTP

* Support kabel STP Cat 5e

1. **Untuk Superwifi**
2. Acces Point Outdoor

* 802.11ac superior wireless performance
* Built-in x-sense smart antenna
* Outstanding environmental adaptability(IP67, -40-65°C)
* Support SFP Port
* Up to 250 meter coverage

1. Tiang Monopole

* Support untuk superwifi

1. Box Outdoor

* Support untuk Superwifi

1. Photovoltaic Module

* Polycrystalline
* Optimum operating voltage 35.2V
* Open-circuit voltage 44.8V
* Maximum power at STC 280W
* Maximum system voltage 1000 V DC

1. Hybrid Power System

* Power output 1500 W
* Output Voltage 220 VAC +- 10% / 6A, 24 VDC/2A
* Input Voltage 220 VAC +- 10% / 6A, 24 VDC – 37 VDC /20A
* Control Interface TTL voltage

1. Mounting kit, utility and Cable

* Tiang besi peyangga
* Kabel jumper
* Kabel 2x6 mm