

Lampiran I : PEJABAT PEMBUAT KOMITMEN

Nomor : 027.1/005

Tgl :

**HARGA PERKIRAAN SENDIRI (HPS)
PEKERJAAN JARINGAN FIBER OPTIK TAHAP 1
RSD K.R.M.T. WONGSONEGORO KOTA SEMARANG TAHUN 2022**

No	Nama Barang	Description	Merek	QTY	SATUAN	Harga Satuan	Harga Total
1	Perangkat Aktif						
1.1	Switch Access	[JL677A] Aruba 6100 24G CL4 4SFP+ Switch [JL677A-ABB] INCLUDED: Power Cord - Europe localiza8on	Aruba	19	Unit	14,450,000	274,550,000

1.2	Access Point	<p>1x Aruba AP-505 (RW) Unified AP included: 1xAP-POE-ATSR 1P SR 802.3at 30W Midspan 1xAP-POE-ATSR IP SR 802.3at 30W Midspan 1xP-MNT-D AP mount bracket individual D: solid surface 1xAC-EC Continental European/Schuko AC Power Cord *) IEEE 802.11a/b/g/n/ac/ax Wave 2 *) Indoor, dual 5GHz and 2.4GHz 802.11ax 2x2 MIMO *) Two spatial stream Single User (SU) MIMO for up to 1.2Gbps wireless data rate with 2SS HE80 802.11ax client devices @ 5GHz Radio *) Two spatial stream Single User (SU) MIMO for up to 574Mbps (287 Mbps) wireless data rate with 255 HE40 (HE 20) 802.11ax client devices @ 2.4GHz Radio *) Maximum 16 BSSIDs per radio *) 1.49 Gbps maximum real-world speed (HE80/HE20) *) WPA3 and Enhanced Open security *) Built-in technology that resolves sticky client issues for Wi-Fi 6 and Wi-Fi 5 devices *) OFDMA for enhanced multi-user efficiency *) IoT-ready Bluetooth 5 and Zigbee support *) Frequency Band/Channel : • 2.400 to 2.4835GHz • 5.150 to 5.250GHz • 5.250 to 5.350GHz • 5.470 to 5.725GHz • 5.725 to 5.850GHz Radios Technology support : *) 802.11b: Direct-sequence spread-spectrum (DSSS) *) 802.11a/g/n/ac: Orthogonal frequency-division multiplexing (OFDM) *) 802.11ax: Orthogonal frequency-division multiple access (OFDMA) with up to 8 resource units Modulation Support : *) 802.11b: BPSK, QPSK, CCK</p>	Aruba	47	Unit	4,355,000	204,685,000
1.3	Access Point Controller	Aruba Central AP Foundation 1y Sub E-STU	Aruba	47	Lic	725,000	34,075,000
1.4	8x1/10G SFP+ Modules	J9993A 8x1/10G SFP+ Modules Product Type HPE 5400R z12 Switch Series Modules Supported	Aruba	3	Unit	31,817,800	95,453,400
1.5	10G SFP+ LC LR 10km SMF Tranceiver	Aruba 10G SFP+ LC LR 10km SMF Transceiver Lifetime limited warranty with condition	Aruba	38	unit	11,650,000	442,700,000

2		Pekerjaan Panel Supply Listrik dan Grounding						
2.1		Grounding	Grounding panel + BC 16 mm termasuk instalasi dengan nilai target grounding 0,1 ohm	OEM	19	Lot	2,550,000	48,450,000
3		Penarikan UTP Horizontal Networking						
3.1		UTP Cable Cat6	Cable Cat6 UTP, blue, Reel Box,305m w/cross filler	Commscope	23485	meter	6,259	146,993,000
3.2		PatchPanel UTP	CPP-UDDM-SL-1U-24 PatchPanel UTP Cat6 Unloaded	Commscope	20	unit	465,000	9,300,000
3.3		Tooless Modular Jack Endpoint	Modular Jack,SL110,RJ45,Cat6,Black	Commscope	465	unit	56,500	26,272,500
3.4		Tooless Modular Jack Patch Panel	Modular Jack,SL110,RJ45,Cat6,Black	Commscope	240	unit	56,500	13,560,000
3.5		FacePlate EndpOint	BS Shuttered Faceplate-2 Port	Commscope	465	unit	27,500	12,787,500
3.6		Patch Cord UTP Cat 6 Slim	-Cable Length . 1.00 m 3.28 ft Slim -ANSI/TIA Category 6 Cable Type -U/UTP unshielded	Commscope	240	unit	52,000	12,480,000
3.7		OutBow DUS Endpoint	OUTBOW DUS / OUTBOW DOOS / outbow dos Kotak	BOSS	235	unit	11,500	2,702,500
3.8		High Impact Conduit Pipe	BOSS PVC Conduit 20mm Putih - panjang : 290cm - Ukuran : 20m1 - merk : Boss - bahan : PVC - Warna	BOSS	9700	unit	17,500	169,750,000
3.9		Sock Conduit 20mm	Sock conduit / Joining Coupling 20mm Putih	BOSS	19400	unit	1,200	23,280,000
3.10		Saddle 20mm Putih	Saddle 20mm Putih (Clamp Conduit 20mm)	BOSS	19400	unit	1,200	23,280,000
3.11		Flexible Conduit	Ukuran Diameter 20mm	BOSS	2000	roll	5,750	11,500,000
3.12								-
3.13		WallMount Rack	ABBA AC/O-RACK Series 19" Wallmount 15U Depth 600mm, Black(Double Door), Include PDU	ABBA	19	unit	3,712,500	70,537,500
3.14		OTB 4 core LC / otb rack mini 4 core Lc SM lengkap	OTB mini rakmount 4 core LC singlemodr lengkap 4bh pigtail LC singlemode 4bh protect sleeve 2bh	OEM	24	unit	450,000	10,800,000
3.15		Cable Patchcord/Patch Cord LC-SC LC-LC	Cable Patchcord/Patch Cord LC-SC LC-LC 1m 3m 5m LSZH - 1m	OEM	38	unit	85,000	3,230,000
3.16		Jasa pemasangan rack gantung	Jasa pemasangan rack gantung (wallmount rack) Include Panel Power	OEM	19	lot	325,000	6,175,000
3.17		Penarikan kabel + Pemasangan Perangkat aktif	Jasa berupa Penarikan Kabel + Instalasi Perangkat aktif (Cctv, Akses Point, dll)	OEM	465	lot	255,000	118,575,000

							SubTotal	1,761,136,400
							Ppn	176,113,640
							Total	1,937,250,040

Pejabat Pembuat Komitmen
Pengadaan Hardware dan Software
RSD K.R.M.T. Wongsonegoro Kota Semarang

dr. WARDANI, MM