

<b>TAJUK SEBUT HARGA :</b>	<b>PEMASANGAN PERKAKASAN KAMERA LITAR TERTUTUP (CCTV) BAHARU DAN KERJA-KERJA BERKAITAN BAGI TEMPOH DUA(2) TAHUN UNTUK MAJLIS BANDARAYA SUBANG JAYA</b>		
<b>NO.SEBUT HARGA :</b>	<b>MBSJ.KUB.400-5/6/635</b>		
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
<b>A1</b>	<b>PERSEDIAAN AWALAN, KESELAMATAN DAN PENYEDIAAN LAPORAN</b>		
A	<i>Preliminaries-works, mobilisation &amp; demobilisation of all necessary equipment, labours and etc in completing the works,toll and transportation.</i>	Pukal	5,000.00
B	<i>Laporan pemasangan kamera baharu CCTV analog dan CCTV network, termasuk Lawatan Tapak, Laporan Cadangan Pemasangan, Laporan Bergambar, pelan/ layout/ diagram CCTV, konfigurasi sistem, pentauliahan (User Acceptance Test) dan laporan inventori.</i>	Lokasi	300.00
C	Penggunaan <i>scaffolding</i> untuk ketinggian kamera CCTV yang melebihi 5 meter.	Each	400.00
D	Laporan pemasangan baharu CCTV Mudah Alih termasuk Lawatan Tapak, Laporan Bergambar, pelan/ layout/ diagram CCTV, laporan inventori dan pentauliahan ( <i>User Acceptance Test</i> ).	Each	200.00
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
<b>2</b>	<b>Kamera CCTV Analog Jenis Dome / Fisheye</b>		
A	2.0 Megapixel, Dome Camera atau setara	Nos	600.00
	2MP Dual-Light Fixed-focal Eyeball Camera, Max. 30fps; CVI/CVBS/AHD/TVI switchable; Built-in Mic		
B	5.0 Megapixel, Dome Camera atau setara	Nos	900.00
	5MP Smart Dual Light Active Deterrence Eyeball Camera ; HD-CVI/TVI/CVBS/AHD Switchable, Built-in Mic		
C	5.0 Megapixel, Fisheye Dome Camera	Nos	1200.00
	5MP Starlight HD-CVI IR Fisheye Dome Camera, Panoramic 360° fisheye view, Built-in Mic		
D	8.0 Megapixel, Dome Camera atau setara	Nos	1500.00
	8 Megapixel, HD-CVI/AHD/TVI/CVBS Switchable, Built-in Mic, Lens: 2.7-13.5mm Motorised (Auto-focus)		

BIL	HURAIAN	UNIT	KADAR (RM)
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
<b>3</b>	<b>Kamera CCTV Analog Jenis Bullet</b>		
A	<i>2.0 Megapixel, Bullet Camera atau setara</i>	Nos	600.00
	<i>2MP Dual-Light Fixed-focal Bullet Camera, 30fps, HD-CVI/AHD/TVI/CVBS Switchable, Built-in Mic</i>		
B	<i>5.0 Megapixel, Bullet Camera atau setara</i>	Nos	1,000.00
	<i>5MP Dual-Light Fixed-focal Bullet Camera, Max. 25fps, HD-CVI/AHD/TVI/CVBS Switchable, Built-in Microphone</i>		
C	<i>8.0 Megapixel, Bullet Camera atau setara</i>	Nos	1,200.00
	<i>8MP Dual-Light Fixed-focal Bullet Camera, HD-CVI/AHD/TVI/CVBS Switchable, Built-in Mic</i>		
<b>4</b>	<b>Digital Video Recorder (DVR) / Extended Video Recorder (XVR)</b>		
A	<i>32CH Full HD 1080P, H.265/H.264 video compression, various cctv signal inputs, 2xHDMI, VGA &amp; TV display output, Audio I/O, Interoperability ONVIF, support view and playback on phone, support min 2 x HDD, atau setara</i>	Nos	2,700.00
B	<i>16CH Full HD 1080P, H.265/H.264 video compression, various cctv signal inputs, 2xHDMI, VGA &amp; TV display output, Interoperability ONVIF, support view and playback on phone, support 4 x HDD, atau setara</i>	Nos	1,800.00
C	<i>16CH Full HD 1080P, H.265/H.264 video compression, various cctv signal inputs, 2xHDMI, VGA &amp; TV display output, Audio I/O, Interoperability ONVIF, support view and playback on phone, support min 2 x HDD, atau setara</i>	Nos	1,500.00
D	<i>8CH Full HD 1080P, H.265/H.264 video compression, various cctv signal inputs, 2xHDMI, VGA &amp; TV display output, Audio I/O, Interoperability ONVIF, support view and playback on phone, support min 1 x HDD, atau setara</i>	Nos	1,200.00
E	<i>4CH Full HD 1080P, H.265/H.264 video compression, various cctv signal inputs, 2xHDMI, VGA &amp; TV display output, Audio I/O, Interoperability ONVIF, support view and playback on phone, support min 1 x HDD, atau setara</i>	Nos	800.00
<b>5</b>	<b>Extended Video Recorder (XVR)</b>		

A	8CH Full HD 1080P, HDCVI/AHD/TVI/CVBS/IP, HDMI/VGA display output, support view & playback , on phone, support 1xHDD atau setara	Set	1,200.00
BIL	HURAIAN	UNIT	KADAR ( RM )
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
5	<b>Extended Video Recorder (XVR)</b>		
B	16CH Full HD 1080P, HDCVI/AHD/TVI/CVBS/IP, HDMI/VGA display output, support view & playback , on phone, support 1xHDD atau setara	Set	1,500.00
6	<b>Kamera CCTV Network Jenis Dome / Fisheye</b>		
A	2.0 Megapixel, Dome Camera atau setara	Nos	750.00
	2 Megapixel Progressive CMOS sensor, Max 30fps, AI by camera: IVS, Built-in Mic, PoE		
B	4.0 Megapixel, Dome Camera atau setara	Nos	1,000.00
	4 Megapixel CMOS image sensor, Max 30fps, AI by camera: IVS, Built-in Mic, PoE		
C	5.0 Megapixel, Dome Camera atau setara	Nos	1,200.00
	5 Megapixel Progressive Scan CMOS sensor, Max 30fps, AI by camera: IVS, Built-in Mic, PoE		
D	5.0 Megapixel, Fisheye Camera atau setara	Nos	1,500.00
	5 Megapixel, Max 30fps, Built-in Mic, AI by camera: IVS, People Counting, Built-in Mic, PoE. 360°Angle View		
E	8.0 Megapixel, Network Camera atau setara	Nos	1,700.00
	8 Megapixel, Max 30fps, Built in mic, AI by camera: IVS, PoE		
7	<b>Kamera CCTV Network Jenis Bullet</b>		
A	2.0 Megapixel, Bullet Camera atau setara	Nos	750.00
	2 Megapixel, Max 30fps, AI by camera: IVS, Built-in Mic, PoE		
B	4.0 Megapixel, Bullet Camera atau setara	Nos	1,000.00
	4 Megapixel, Max 30fps, Built-in Mic, AI by camera: IVS, PoE		

C	5.0 Megapixel, Bullet Camera atau setara	Nos	1,200.00
	5 Megapixel, Max 30fps, Built-in Mic, AI by camera: IVS, PoE		
BIL	HURAIAN	UNIT	KADAR (RM)
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
7	<b>Kamera CCTV Network Jenis Bullet</b>		
D	6.0 Megapixel, Bullet Camera (Motorized) atau setara	Nos	1,500.00
	6 Megapixel Smart Dual Light Bullet Network Camera w/Motorised Lens, Max 30fps, Built in Mic AI by camera: IVS, PoE, Motorized Lens		
E	8.0 Megapixel, Bullet Camera (Motorized) atau setara	Nos	2,000.00
	8 Megapixel, Max 30fps, Built-in Mic, AI by camera: IVS, Micro-SD Slot (max 256GB), Motorized Varifocal; PoE		
8	<b>Kamera CCTV Network Jenis (PTZ) Pan Till Zoom, Panoramic</b>		
A	2.0 Megapixel, PTZ Camera atau setara	Nos	2,500.00
	2 Megapixel, 25x Optical Zoom ; Max 30fps, Micro SD up to 256GB, Lens: 4.8 - 120mm Motorised, AI by camera: IVS, People Counting, Face Capture, PoE		
B	4.0 Megapixel, PTZ Camera atau setara	Nos	2,800.00
	4 Megapixel, 10x Optical Zoom, AI by camera: IVS, Face Detection, Lens: 4~40mm Motorised, PoE		
C	4.0 Megapixel, PTZ Camera atau setara	Nos	3,500.00
	4 Megapixel, 25x Optical Zoom; Max 30fps, Micro SD up to 256GB, Lens: 4.8 - 120mm Motorised, AI by camera: IVS, People Counting, Face Capture, PoE		
D	4.0 Megapixel, PTZ Camera atau setara	Nos	5,000.00
	4MP 32x starlight TiOC WizSense Network		
E	5.0 Megapixel, PTZ Camera atau setara	Nos	1,200.00
	5 Megapixel, Max 30fps, Micro SD up to 256GB, Built-in Mic & Speaker (2-way talk), PoE, IP66, Active Deterrence, Human & Vehicle Detection		
F	8.0 + 4.0 Megapixel, PTZ Panoramic Camera atau setara	Nos	4,500.00

	Panorama : 4 Megapixel STARVIS™ CMOS, Outputs 180° wide angle splicing image, 25x optical zoom ; Max 30fps, IR distance up to 100 m, AI by camera: IVS, Auto tracking 3.0		
BIL	HURAIAN	UNIT	KADAR ( RM )
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
9	<b>Network Video Recorder (NVR)</b>		
A	32CH 4K H.265 AI Network Video Recorder; Up to 32MP resolution; Max 384Mbps (AI disabled); 200Mbps (AI enabled) Supports adaptive decoding AI by camera: Perimeter (16), Face Recognition(16), Metadata(8), ANPR(8) 2VGA + 2HDMI, Audio 1/2, Alarm 16/8, Supports 8 x HDD up to 16TB each disk	Nos	5,000.00
B	32CH 2U 8HDDs WizMind Network Video Recorder	Nos	7,000.00
C	16CH 4K AI Network Video Recorder; Up to 32MP resolution; Max 384Mbps (AI disabled); 200Mbps(AI enabled); Supports adaptive decoding AI by camera: Perimeter (16), Face Recognition(16), Metadata(8), ANPR(8) VGA + HDMI, Audio 1/1, Alarm 4/2, 2 USB, Supports 2 x HDD up to 16TB each disk	Nos	2,000.00
D	8CH Network Video Recorder with 8-port POE Up to 12MP resolution; 160Mbps Access, 160Mbps Storage, 80Mbps Forwarding; Audio 1/1; Alarm 4/2; AI by Camera: SMD Plus (6), Face Detection (6), Face Recognition (6) Supports 2 x HDD up to 20TB each disk	Nos	1,400.00
E	4CH Compact 1U WizSense Network Video Recorder 80Mbps for Access, 80Mbps for Storage and 60Mbps for Forwarding; HDMI/VGA non-simultaneous output AI by camera; Supports 1 x HDD up to 10TB; Built-in PoE+ ports	Nos	1,000.00
10	<b>Peralatan Kamera CCTV Mudah Alih</b>		
A	2K Resolution, Network Camera, Pan & Tilt, Built in 4G Module (Compatible with local telco), Built-In Solar Charger Battery >10,000 Mah can be connected to solar panel with used type C cable, Two-way Talk, Support Micro SD Card Slot (up to 256 gb), Waterproof atau setara	Nos	2,240.00
B	4.0 Megapixel, Network Camera, Pan & Tilt, Package complete with Outdoor 4G Router, 120W solar panel, 50Ah Lithium-ion battery, Battery performance: 10 days (Sleep mode); 15 hours (Fully operation), Waterproof atau setara	Nos	3,900.00

C	4.0 Megapixel, Network Camera, Fix Bullet, Built in 4G Module (Compatible with local telco), Package complete with 5W solar panel, 10Ah Lithium-ion battery, Battery performance: 10 days (Sleep mode); 15 hours (Fully operation), Waterproof atau setara	Nos	2,700.00
BIL	HURAIAN	UNIT	KADAR ( RM )
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
10	<b>Peralatan Kamera CCTV Mudah Alih</b>		
D	Memory Card 256 GB Ultra Speed UP To 80 MB, Record Picture and Full HD Video atau setara	Nos	160.00
E	Memory Card 128 GB Ultra Speed UP To 80 MB, Record Picture and Full HD Video atau setara	Nos	100.00
F	Custom made CCTV Galvanised Pole 3 meters foldable 3 part, concrete footing and accessories atau setara	Nos	2,400.00
G	Custom made CCTV Galvanised Pole 4 meters foldable 3 part concrete footing and accessories atau setara	Nos	2,800.00
H	Custom made CCTV Galvanised Pole 4 meters, concrete footing and accessories atau setara	Nos	2,800.00
I	Custom made CCTV Galvanised Pole 5 meters, concrete footing and accessories	Nos	3,000.00
J	Custom made CCTV Galvanised Pole 5 meters foldable 3 part concrete footing and accessories atau setara	Nos	3,000.00
K	Custom made CCTV Galvanised Pole 6 meters, concrete footing and accessories atau setara	Nos	3,500.00
L	Underground Footing bracket with concrete for pole atau setara	Nos	800.00
M	Solar Panel Monocrystalline 12v/800W come with bracket mount pole atau setara	Nos	4,500.00
N	Solar Panel Monocrystalline 12v/600W come with bracket mount pole	Nos	3,850.00
O	Solar Panel Monocrystalline 12v/500W come with bracket mount pole	Nos	3,250.00
P	Solar Panel Monocrystalline 12v/300W come with bracket mount pole atau setara	Nos	2,000.00

Q	Solar Panel Monocrystalline 12v/200W come with bracket mount pole atau setara	Nos	1,300.00
R	Solar Panel Monocrystalline 12v/160W come with bracket mount pole atau setara	Nos	750.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR ( RM )</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
11	<b>Peralatan Kamera CCTV Mudah Alih</b>		
A	Solar Panel Monocrystalline 12v/100W come with bracket mount pole atau setara	Nos	600.00
B	Solar Panel Monocrystalline 12v/50W come with bracket mount pole atau setara	Nos	500.00
C	30A 12/24v PWM Solar Charger Controller atau setara	Nos	250.00
D	30A 12/24v MPPT Solar Charger Controller atau setara	Nos	400.00
E	60A 12/24/36/48v PWM Solar Charger Controller atau setara	Nos	1,100.00
F	30A 12/24v PWM Solar Charger Controller atau setara	Nos	220.00
G	Inverter Pure Sine Wave 300w atau setara	Nos	300.00
H	Inverter Pure Sine Wave 600w atau setara	Nos	500.00
I	Inverter Pure Sine Wave 1000w atau setara	Nos	700.00
J	Inverter Pure Sine Wave 2000w atau setara	Nos	1,400.00
K	12V 100AH Sealed Lead Acid Solar Battery (800 cycles) atau setara	Nos	1,200.00
L	12V 50AH LifePo4 Solar Battery (4000 cycles) atau setara	Nos	1,000.00
M	12V 100AH LifePo4 Solar Battery (4000 cycles) atau setara	Nos	1,500.00
N	12V 190AH LifePo4 Solar Battery (4000 cycles) atau setara	Nos	2,800.00

O	Outdoor Cabinet 400(H) x 400(W) x 150(D) mm <i>come with bracket</i> atau setara	Nos	400.00
P	Outdoor Cabinet 400(H) x 400(W) x 260(D) mm <i>come with bracket</i> atau setara	Nos	500.00
Q	Outdoor Cabinet 400(H) x 500(W) x 280(D) mm <i>come with bracket</i> atau setara	Nos	600.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR ( RM )</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
12	<b>Peralatan Kamera CCTV Mudah Alih</b>		
A	Weight support for cabinet	Nos	30.00
B	304 Stainless Steel Pole Bracket	Nos	20.00
C	Outdoor 4G WIFI Router atau setara Wifi 300 Mbps@2.4G , 4G Transmision 150Mbps	Nos	600.00
D	Dual Band Wifi Router 2x2 867Mbps @5GHz, 2x2 400Mbps@2.4GHz, Max. 1 Pair 4 Users max : 32	Nos	350.00
E	POE Injector Max 60W	Nos	250.00
F	POE Splitter Max 25W	Nos	180.00
G	Outdoor Speaker 12VDC <i>come with accessories and bracket</i> atau setara	Nos	400.00
H	Horn Speaker (1 pair) 35 watt	Nos	1,000.00
I	Network PTZ Joystick	Nos	1300.00
13	<b>Peralatan Storage</b>		
A	<i>2TB SATA, 64MB, SATA III (6Gb/s), 5400rpm (For Surveillance)</i> atau setara	Nos	450.00
B	<i>4TB SATA, 64MB, SATA III (6Gb/s), RV Sensor, 5900rpm (For Surveillance)</i> atau setara	Nos	700.00

C	6TB SATA, 256MB, SATA III (6Gb/s), RV Sensor, 5400rpm (For Surveillance) atau setara	Nos	1100.00
D	8TB SATA, 256MB, SATA III (6Gb/s), RV Sensor, 7200rpm (For Surveillance) atau setara	Nos	1,400.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
13	<b>Peralatan Storage</b>		
E	6TB SATA, 256MB, SATA III (6Gb/s), 7200rpm, suitable for RAID atau setara	Nos	1,500.00
F	SATA 3 SSD 480GB atau setara	Nos	1,200.00
G	AI 10TB SATA, 256MB, SATA III (6Gb/s), RV Sensor, 7200rpm	Nos	1,500.00
H	16-bay Embedded Video Storage 64 bit high performance multi core processor, Max 320-ch IP camera inputs, Max 800 Mbps, incoming/ recording/ forwarding bandwidth, 16 bays, SATA, Hot-Swap.	Nos	15,000.00
14	<b>Peralatan Uninterruptible PowerSupply (UPS)</b>		
A	800VA Uninterruptible Power Supply (UPS), Min 3 x socket output come with adapter atau setara	Nos	450.00
B	1000VA Uninterruptible Power Supply (UPS), Min 3 x socket output come with adapter atau setara	Nos	700.00
C	1200VA Uninterruptible Power Supply (UPS), Min 3 x socket output come with adapter atau setara	Nos	900.00
D	2000VA Uninterruptible Power Supply (UPS), Min 3 x socket output come with adapter atau setara	Nos	1,400.00
15	<b>Peralatan Kabel Video</b> <b>* Kabel perlu dilabel</b>		
A	RG6 Coaxial cable, Outdoor Use, Jelly Filled atau setara	Meter	2.50
B	RG6 BNC Connectors	Nos	3.00
C	1CH Passive Video Balun for HD-CVI/AHD/TVI/CVBS 720P/1080P/4MP/5MP/4K Real-time transmission over UTP CAT5E/6 cable atau setara	Nos	35.00

D	12V DC Male Female Power Balun Connector Adapter Plug Jack Socket CCTV 2.1 x 5.5 atau setara	Nos	15.00
E	HDMI Extender Transmission Distance: 120m atau setara	Nos	350.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
<b>15</b>	<b>Peralatan Kabel Video</b> <b>* Kabel perlu dilabel</b>		
F	Power adaptor for HDMI Extender atau setara	Nos	70.00
G	1ch POE Injector (UK Plug type), Power rating: 48VDC 0.5A; 10/100Base-T, 1 x LAN in, 1 x POE out; supports 100m distance atau setara	Nos	80.00
H	PoE Splitter Cable, 10/100Mbps, IEEE 802.3af/at PoE Standard Compliant, Output 12V 2A atau setara	Nos	50.00
I	Power Over Coax (POC) Transceiver; 1 channel HD-CVI/TVI/AHD/CVBS 720P/1080P, Input voltage DC24-36V, can provide DC12V 9W(max) to remote cameras atau setara	Nos	250.00
J	1 to 2 GE PoE Extender, 10/100/1000Base-T, Input: PoE+ (30W) / Hi-PoE (60W); Output: Max. 30W / 15.4W each port	Nos	250.00
<b>16</b>	<b>Peralatan Kabel Video</b> <b>* Kabel perlu dilabel</b>		
A	4-port VGA Splitter/Distributor, supports up to 250Mhz Video bandwidth atau setara	Nos	150.00
B	RGB (VGA) Cable with 2-core (Male-Male) Length 1.5m, Shielded atau setara	Nos	20.00
C	RGB (VGA) Cable with 2-core (Male-Male) Length 5m, Shielded atau setara	Nos	30.00
D	4K*2K HDMI(M) to HDMI(M) cable with Nylon Net Length 2m atau setara	Nos	35.00
E	UTP Cable Cat6 Outdoor Cable, Jelly-Filled UTP Outdoor Cable (Include RJ45 Connector) atau setara	Meter	20.00

F	<i>4 Core Fibre Optic Cable, Single Mode Armoured Outdoor Cable, Jelly Filled atau setara</i>	Meter	30.00
G	<i>Media Converter 1000 Base, RJ45 Multi Mode Media Converter Full Duplex atau setara</i>	Nos	200.00
H	<i>Media Converter 1000 Base, RJ45 SC Single Mode Media Converter Full Duplex atau setara</i>	Nos	250.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
<b>16</b>	<b>Peralatan Kabel Video</b> <b>* Kabel perlu dilabel</b>		
I	<i>Gigabit SFP (Small Form Pluggable) Fiber Module Transceiver, Dual Fiber Single Mode LC Connectors; 1310nm, 20km distance atau setara</i>	Nos	200.00
J	<i>Gigabit SFP (Small Form Pluggable) Fiber Module Transceiver, Dual Fiber Multimode LC Connectors; 1310nm, 2km distance atau setara</i>	Nos	200.00
K	<i>10 Gigabit SFP+ (Small Form Pluggable) Fiber Module Transceiver, Dual Fiber Single Mode LC Connectors; 1310nm, 20km distance atau setara</i>	Nos	500.00
L	<i>10 Gigabit SFP+ (Small Form Pluggable) Fiber Module Transceiver, Dual Fiber Multimode LC Connectors; 850nm (1310nm optional), 300m distance atau setara</i>	Nos	300.00
M	<i>Belco Gigabit SFP (Small Form Pluggable) RJ45 Module Transceiver, 1Gbps; 100m transmission distance atau setara</i>	Nos	200.00
N	<i>Gigabit SFP (Small Form Pluggable) Fiber Module Transceiver, Dual Fiber Multimode LC Connectors; 850nm, 550m distance, 1Gbps atau setara</i>	Nos	300.00
O	<i>Gigabit SFP (Small Form Pluggable) Singlemode Fiber Module Transceiver, 1310nm/1550nm, 1Gbps, 20km, Single Fiber LC Connector; Bi-Directional atau setara</i>	Nos	350.00
P	<i>Power adaptor for Media Converter atau setara</i>	Nos	80.00
Q	<i>SC MM/SM pigtail atau setara</i>	Nos	30.00
R	<i>SC MM/SM SX optical connector atau setara</i>	Nos	20.00

S	SC MM/SM DX optical connector adaptor atau setara	Nos	26.00
T	SC MM/SM fiber attenuator atau setara	Nos	60.00
U	Spiral Wrap 1.5mm 8mm polyethylene atau setara	Nos	8.00
V	Splice protection sleeve 40mm/60mm atau setara	Nos	1.60
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
<b>16</b>	<b>Peralatan Kabel Video</b> <b>* Kabel perlu dilabel</b>		
W	SM/MM Duplex patch cord with SC connector 3m atau setara	Nos	160.00
X	Termination box c/w splice tray atau setara	Nos	220.00
<b>17</b>	<b>Peralatan Peralatan Network Dan Fiber Optik</b> <b>* Kabel perlu di tagging/label</b>		
A	Fiber in-line closure SOFSC-B24 OFST with 1-24 core atau setara	Nos	500.00
B	1U cable management bar atau setara	Nos	90.00
C	Fusion termination Splicing (per core) atau setara	Nos	150.00
D	End to end Optical Time Domain Reflectometer (OTDR) Test atau setara	Nos	550.00
E	5GHz 12dBi Point to Point Outdoor CPE Wireless	Pair	1,000.00
<b>18</b>	<b>Peralatan Switch</b>		
A	4*PoE + 2*GE port Gigabit Cloud Managed PoE Switch	Nos	340.00
B	8GE PoE + 2*GE Managed Switch (Max. 110W PoE output)	Nos	660.00
C	9-port Gigabit with 4-port PoE L2 Unmanaged Hardened Switch, 4*GE PoE, 1*GE, 4*SFP, Industrial wide working temperature design: - 30°C~+65°C	Nos	800.00

D	<i>11-port Gigabit with 8-port PoE L2 Unmanaged Hardened Switch, 8*GE PoE, 1*GE, 2*SFP, Industrial wide working temperature design: - 30°C~+65°C</i>	Nos	1,200.00
E	<i>8GE PoE + 2*SFP Managed Switch (Max 150W PoE output)</i>	Nos	1,000.00
F	<i>10-Port Unmanaged Desktop Switch with 8-Port PoE atau setara</i>	Nos	500.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
18	<b>Peralatan Switch</b>		
G	<i>16GE PoE + 2GE + 2SFP Managed Switch (Max. 240W PoE output)</i>	Nos	1,300.00
H	<i>24GE PoE + 2GE + 2SFP Managed Switch (Max. 375W PoE output)</i>	Nos	1,700.00
I	<i>Power adaptor for Poe Switch atau setara</i>	Nos	50.00
J	<i>Industrial PoE+ Switch</i>	Nos	800.00
K	Industrial 5G Router	Nos	2,200.00
L	<i>Gigabit SFP (Small Form Pluggable) Fiber Module Transceiver, SM/MM LC Connector atau setara</i>	Nos	250.00
M	<i>Unlimited Dataplan Subscription for 12 Months (per device) atau setara</i>	Nos	1,400.00
19	<b>Peralatan Workstation, Server dan Aksesories</b>		
A	DSS Server R-450-4310*1-16G*1-2T*1-6 Gigabit port-Win Server 2022	Nos	28,000.00
B	Desktop Operating System Windows 11 Pro, Intel Core i7-13700 Processor up to 5.2GHz Max Turbo Frequency 30M Cache, 16 Cores, 24 Threads, 16GB DDR5 4800MHz RAM, 1TB 7200rpm SATA 3.5", NVIDIA T1000 4GB GDDR6 atau setara	Nos	6,500.00
C	Camera Station 1232 Rack Recording Server Rack 1U, 16 TB, 4 HDD bays, Included licenses 32	Nos	35,000.00
D	RAID Card Controller for PC Server atau setara	Nos	1,900.00
E	<i>2GB sDDR3 64bit CRT DVI HDMI VGA Graphic Card</i>	Nos	1,000.00

F	Compatible motherboard for PC Server atau setara	Nos	1,800.00
<b>20</b>	<b>Peralatan Elektrikal dan Aksesori * Kabel/paip perlu dilabel</b>		
A	1.5mm PVC Cable, 100% Pure Copper Cable atau setara	Meter	3.00
B	2.5mm PVC Cable, 100% Pure Copper Cable atau setara	Meter	8.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR ( RM )</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
<b>20</b>	<b>Peralatan Elektrikal dan Aksesori * Kabel/paip perlu dilabel</b>		
C	20mm galvanised G.I pipe incld. bar saddle and socket join all related necessary accessories atau setara	Meter	20.00
D	26mm galvanised G.I pipe incld. bar saddle and socket join all related necessary accessories atau setara	Meter	25.00
E	25mm PVC Pipe and socket join all related necessary accessories atau setara	Meter	6.80
F	40A Earth leakage circuit breaker atau setara	Nos	88.50
G	60A Earth leakage circuit breaker atau setara	Nos	150.00
H	30A Moulded Case Circuit Breakers atau setara	Nos	150.00
I	60A Moulded Case Circuit Breakers atau setara	Nos	180.00
J	6A Miniature Circuit Breaker atau setara	Nos	58.50
K	10A Miniature Circuit Breaker atau setara	Nos	58.50
L	16A Miniature Circuit Breaker atau setara	Nos	58.50
M	32A Miniature Circuit Breaker atau setara	Nos	58.50
N	6-10 WAY PVC Distribution Board MCB box full set complete with Main switch atau setara	Nos	180.00
O	Din rail 7.5mm slotted atau setara	Nos	48.75
P	10 way 16mm neutral link atau setara	Nos	58.50
Q	L Type Pin Type 2p Copper Busbar 2p Breaker Busbars atau setara	Nos	19.50
<b>21</b>	<b>Peralatan Power Supply/Power Adapter (SIRIM Approved)</b>		

A	<i>Centralised 12VDC Switching Power Supply, 3A Capacity; supports up to 6 cameras; adjustable 10.2 ~ 13.8V atau setara</i>	Nos	98.00
B	<i>Centralised 12V Power Supply in Metal Casing, 5A Capacity; 9ch Individual Output with PTC Fuse protection (resettable) atau setara</i>	Nos	190.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR ( RM )</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
21	<b>Peralatan Power Supply/Power Adapter (SIRIM Approved)</b>		
C	<i>Centralised 12V Power Supply in Metal Casing, 20A Capacity; 18ch Individual Output with PTC Fuse protection (resettable) atau setara</i>	Nos	290.00
D	<i>UK 2-pin power supply, 250W</i>	Nos	1,000.00
E	<i>Centralised 12VDC Switching Power Supply, 8.5A Capacity; supports up to 16 cameras; adjustable 10.2 ~ 13.8V atau setara</i>	Nos	200.00
F	<i>Centralised 12VDC Switching Power Supply, 12.5A Capacity; supports up to 24 cameras; adjustable 10.2 ~ 13.8V atau setara</i>	Nos	200.00
G	<i>13A Switched Socket atau setara</i>	Nos	25.00
H	<i>13A Extension Plug 3 Gang, 5 meter length atau setara</i>	Nos	45.00
I	<i>12V 2A power adapter atau setara</i>	Nos	80.00
J	<i>12V 3A power adapter atau setara</i>	Nos	90.00
K	<i>Power Surge Protector for CCTV DVR Device Lightning Arrester SPD 220v Power / LAN atau setara</i>	Nos	180.00
L	<i>Network surge protector atau setara</i>	Nos	135.00
22	<b>Peralatan TV Monitor</b>		
A	<i>20" HD LCD Monitor (1600 x 900 resolution) atau setara</i>	Nos	500.00
B	<i>22" Full HD LED Monitor (1920 x 1080) atau setara</i>	Nos	700.00
C	<i>24" Full HD IPS Monitor (1920 x 1080) atau setara</i>	Nos	900.00
D	<i>32" Full HD Monitor w/ Built-in Speakers atau setara</i>	Nos	1,400.00

E	43" Full HD Monitor w/ Built-in Speakers atau setara	Nos	1,800.00
F	55" UHD LED Monitor w/ Built-in Speakers atau setara	Nos	3,500.00
G	LCD Monitor Wall Mount (Tilt), Suitable Size: 14" to 26" LCD Monitor (VESA 75/100 Compliant) atau setara	Nos	25.00
BIL	HURAIAN	UNIT	KADAR (RM)
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
22	<b>Peralatan TV Monitor</b>		
H	LCD Monitor Wall Mount (Tilt), Fits most 32" to 55" Flat Panel Displays, VESA Compliance: 100*100mm - 400*400mm atau setara	Nos	90.00
23	<b>Peralatan Rack</b>		
A	4U Wall Mount Rack (Perforated Front Door with Lock)	Nos	400.00
B	6U Wall Mount Rack (Perforated Front Door with Lock)	Nos	500.00
C	9U Wall Mount Rack (Perforated Front Door with Lock)	Nos	600.00
D	12U Wall Mount Rack (Perforated Front Door with Lock)	Nos	700.00
E	15U Wall Mount Rack (Perforated Front Door with Lock)	Nos	800.00
F	24U Floor Standing Rack	Nos	1,800.00
G	42U Floor Standing Rack	Nos	2,600.00
H	Ventilation Fan, 12cm x 12cm size, AC 230V powered	Nos	60.00
I	1U Cable Management Panel; Full Metal Comes with cover	Nos	80.00
23	<b>SOFTWARE</b>		
A	DSS Professional V8 video surveillance base package <ul style="list-style-type: none"> <li>• Integrates All Management Functions into One Client</li> <li>• Allows Device Initialization and Management</li> <li>• Live Video Playback from Edge Device</li> <li>• Supports Access Control and Video Intercom Integration</li> <li>• Configure Video Wall Layout and Scheme</li> <li>• Provides Fisheye Camera Dewarping in Live View or Playback</li> </ul>	Nos	3,500.00
B	Video channel expansion license, one video channel license for DSS	each	300.00

24	<b>HACKING</b>		
A	Kerja-kerja memecah dinding konkrit / slab dan menyediakan bukaan untuk laluan kabel serta membaik pulih semula kawasan yang terjejas.	Meter	25.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR ( RM )</b>
	<i>Kerja-kerja pembelian, pembekalan, penghantaran, pemasangan, penggunaan jentera skylift dan Auger Crane, konfigurasi, mengujilari dan lain-lain kerja yang berkaitan sehingga perkakasan tersebut berfungsi dengan sempurna sepenuhnya bagi peralatan dan perkakasan CCTV seperti berikut :-</i>		
24	<b>HACKING</b>		
B	Kerja-kerja menyediakan bukaan untuk akses kamera bersaiz 2 kaki x 2 kaki bagi kerja penarikan kabel termasuk semua kerja yang diperlukan seperti memotong siling, siling papan plaster dan membaik pulih semula kawasan yang terjejas	Meter	200.00
C	Kerja-kerja menyediakan bukaan untuk akses kepada kabel termasuk semua kerja yang diperlukan seperti memotong lantai tinggi (raised floor) dan membaik pulih semula kawasan yang terjejas	Meter	40.00
D	Kerja - Kerja mengorek 50mm - 100mm dalam tanah secara manual untuk menanam 20mm - 25mm G.I paip serta kerja-kerja mengambus semula tanah bagi pemasangan kabel jenis UTP kabel / Video Kabel	Meter	36.00
E	Kerja-kerja memecah lantai slab / apron bangunan sediaada menggunakan mesin/peralatan untuk menanam 20mm - 25mm G.I paip serta kerja-kerja merender semula lantai bagi pemasangan kabel jenis UTP kabel / Video Kabel	Meter	42.00
F	Kerja-kerja memotong dan mengorek 50mm - 100mm kedalaman jalan premix sediaada menggunakan mesin/peralatan untuk menanam 20mm - 25mm G.I paip serta kerja-kerja menurap semula premix dan yang berkaitan sehingga siap sempurna bagi pemasangan kabel jenis UTP kabel / Video Kabel	Meter	80.00

G	Kerja-kerja memotong dan mengorek 100mm - 150mm kedalam jalan premix sediaada menggunakan mesin/peralatan untuk menanam 20mm - 25mm G.I paip serta kerja-kerja menurap semula premix dan yang berkaitan sehingga siap sempurna bagi pemasangan kabel jenis UTP kabel / Video Kabel	Meter	60.00
<b>BIL</b>	<b>HURAIAN</b>	<b>UNIT</b>	<b>KADAR (RM)</b>
25	<b>Syarat-Syarat Am:</b>		
	Kamera,peralatan dan komponen CCTV yang dibekal dan dipasang adalah mempunyai tempoh jaminan kerosakan selama satu (1) tahun dari tarikh pengesahan pengguna		

Berdasarkan kepada kadar harga yang dinyatakan di dalam Jadual Kadar Harga pihak saya/kami telah bersetuju dengan kadar tawaran diskaun sebanyak \* \_\_\_\_\_% (dengan perkataan : \_\_\_\_\_ ) kepada pihak  
Majlis Bandaraya Subang Jaya (dibawa ke Borang Sebut Harga).

\_\_\_\_\_  
(Tandatangan Kontraktor)

Nama :  
No. KP :  
Atas Sifat :  
Cap & Alamat Syarikat :

\_\_\_\_\_  
(Tandatangan Saksi)

Nama :  
No. KP :  
Atas Sifat :  
Cap & Alamat Syarikat :

\* sila potong mana yang tidak berkenaan

\*\* sila isikan peratus yang ditawarkan kepada dua titik perpuluhan. (e.g 20.20)