



**BAHAGIAN PENGURUSAN TEKNOLOGI MAKLUMAT,  
PEJABAT SETIAUSAHA KERAJAAN NEGERI KELANTAN**

**DOKUMEN SEBUTHARGA  
NOMBOR SEBUT HARGA SUK : BPTM 3/2002**

**MEMBEKAL, MENGHANTAR, MEMASANG, MENGUJI DAN MENTAULIAH  
PERKAKASAN DAN PERISIAN ICT BAGI BAHAGIAN PENGURUSAN  
TEKNOLOGI MAKLUMAT,  
PEJABAT SETIAUSAHA KERAJAAN NEGERI KELANTAN**

**TARIKH PELAWAAN**

**30 OGOS 2022**

**TARIKH TUTUP SEBUTHARGA**

**12 SEPTEMBER 2022**

**Bila Menjawab sila nyatakan Nombor ini :**

**Nom. Sebut harga SUK : BPTM 3/2022**

**KERAJAAN MALAYSIA  
(ARAHAN PERBENDAHARAAN 170)  
NEGERI KELANTAN**

**SEBUT HARGA UNTUK BEKALAN / PERKHIDMATAN**

Dokumen ini hendaklah disifatkan menjadi dan dibaca dan ditaksirkan sebahagian daripada Perjanjian Sebut Harga.

Kepada (Nama Syarikat .....

Pelawaan sebut harga dikeluarkan oleh  
Kementerian / Jabatan (Alamat Lengkap)

No, Telefon : .....

**Bahagian Pengurusan Teknologi Maklumat,  
Pejabat Setiausaha Kerajaan Negeri Kelantan,  
Blok 6 Tingakt 1, Kota Darul Naim, 15503  
KOTA BHARU**

No. Pendaftaran dengan Kementerian

Kewangan :

No. Telefon : 09- 7481957

Kod bidang pendaftaran yang relevan dengan pembelian ini : **Kod Kementerian Kewangan : 210101 & 210102, 210103, 210104, 210105 210106.**

Tarikh : **30 Ogos 2022**

1. Sila beri sebut harga untuk bekalan / perkhidmatan yang disenaraikan di bawah tertakluk kepada syarat-syarat yang ditetapkan :

- 1.1 Syarat penyerahan / penyempurnaan : **Sebagaimana Arahan Kepada Penyebutharga dan Penyerahan Dokumen Tawaran Sebut harga**
- 1.2 Tarikh Penyerahan / Penyempurnaan dikehendaki : .....
- 1.3 Arahan Pengiriman : .....
- 1.4 Sebut harga hendaklah dimasukkan ke dalam suatu sampul berlaktri dan bertanda "**Nom. Sebut Harga SUK : BPTM 3/2022**".
- 1.5 Sebut harga hendaklah dimasukkan ke dalam peti tawaran yang berkenaan di alamat di atas tidak lewat pada jam **12.00 tengahari 12 September 2022.**
- 1.6 Tempoh sah laku sebut harga hendaklah **sehingga 31 Disember 2022** selepas tarikh tutup.

Tarikh :

Tandatangan : .....

**NIK RAHIMIN BIN WAN HUSSIN**  
Nama Pegawai : Pengarah  
**BAHAGIAN PENGURUSAN TEKNOLOGI MAKLUMAT**  
Jawatan : PEJABAT SETIAUSAHA KERAJAAN  
NEGERI KELANTAN.

Bil	Perihal bekalan / perkhidmatan dan syarat-syarat khas	Unit Ukuran	Kuantiti / Kekekapan	Kadar (RM)	Harga (RM)
Untuk diisi oleh Kementerian / Jabatan				Untuk diisi oleh Penyebut Harga	
	MEMBEKAL, MENGHANTAR, MEMASANG, MENGUJI DAN MENTAULIAH PERKAKASAN DAN PERISIAN ICT BAGI BAHAGIAN PENGURUSAN TEKNOLOGI MAKLUMAT, PEJABAT SETIAUSAHA KERAJAAN NEGERI KELANTAN  Tarikh Penyerahan / Penyempurnaan ditawarkan : <b><u>90 hari</u></b>				
JUMLAH					

(i) Harga yang ditawarkan adalah bersih; dan

(ii) Tarikh penyerahan / penyempurnaan ialah .....

Saya / Kami dengan ini menawarkan untuk membekalkan bekalan / perkhidmatan di atas dengan harga dan syarat-syarat yang dinyatakan di atas tertakluk kepada syarat-syarat di atas dan dibelakang ini.

Tandatangan

Penyebut harga ; .....

Nama dan K/P ; .....

Alamat Syarikat : .....

Tarikh : .....

## ARAHAN KEPADA PENYEBUTHARGA

### 1. KENYATAAN TAWARAN

1.1 Sebut harga ini adalah dipelawa kepada penyebutharga yang **berdaftar dengan Kementerian Kewangan Malaysia** untuk **MEMBEKAL, MENGHANTAR, MEMASANG, MENGUJI DAN MENTAULIAH PERKAKASAN DAN PERISIAN ICT BAHAGIAN PENGURUSAN TEKNOLOGI MAKLUMAT, PEJABAT SETIAUSAHA KERAJAAN NEGERI KELANTAN**

1.2 Penyebutharga mestilah daripada syarikat yang berdaftar dengan Kementerian Kewangan Malaysia yang masih belum tamat tempoh di bawah pecahan kepala berikut:

- |               |   |
|---------------|---|
| <b>210101</b> | <i>Hardware (low end technology) - Supply all types of computer hardware including PC, notebook, printer, document scanner, peripherals and maintenance.</i>          |
| <b>210102</b> | <i>Hardware (high end technology) - All types of server, mainframe, high end Printers, storage area network (SAN, NAS) including maintenance.</i>                     |
| <b>210103</b> | <i>Software-Supply all computer software, operating system, database, off-the-Shelf packages including maintenance</i>  |
| <b>210104</b> | <i>Software/System development/Customization and maintenance including data entry/ data processing</i>  |
| <b>210105</b> | <i>Telecommunication/networking-supply product, infrastructure, services including maintenance (LAN/WAN/Internet/wireless/satellite) - Memerlukan Sijil dari SKMM</i> |
| <b>210106</b> | <i>Data management – Provide services including Disaster</i>  |

1.3 Tawaran sebut harga hendaklah disediakan dengan menggunakan Dokumen Tawaran Sebut harga iaitu :

- a. JILID 1 - Dokumen Tawaran Teknikal dan
- b. JILID 2 - Dokumen Tawaran Kewangan

Dokumen Tawaran Sebut harga hendaklah diisi dengan lengkap, kemas dan terang. Jika ruang yang disediakan tidak mencukupi, Penyebutharga boleh menggunakan salinan borang atau kertas tambahan dan mestilah ditandatangani dan dicop dengan cop rasmi Penyebutharga. Sebarang pindaan atau pembetulan di dalam dokumen tawaran hendaklah ditandatangani ringkas dan diberikan tarikh sebenarnya oleh Penyebutharga.

1.4 Sebarang sebut harga yang diterima selepas tempoh yang ditetapkan tidak akan dilayan walau apa pun alasan yang diberikan.

1.5 Kerajaan Negeri tidak akan bertanggungjawab ke atas sebarang perbelanjaan yang ditanggung oleh mana-mana Penyebutharga dalam penyediaan tawaran sebut harga ini tanpa mengambilkira sama ada hasil proses sebutharga ini berjaya atau sebaliknya.

1.6 Penyebutharga tidak boleh memasukkan apa-apa perbelanjaan berkaitan dengan penyediaan sebutharga ini ke dalam harga sebutharga yang ditawarkan.

1.7 Tiap-tiap Penyebutharga adalah bertanggungjawab meneliti setiap Dokumen Tawaran Sebut harga yang dibekalkan dan hendaklah memastikan bahawa dokumen itu adalah sama seperti Kandungan Dokumen Sebut harga. Jika terdapat kesilapan di dalam Dokumen Tawaran Sebut harga yang dibekalkan kepada Penyebutharga, adalah menjadi tanggungjawab Penyebutharga memohon kepada pegawai yang mengeluarkan Dokumen Tawaran Sebutharga untuk membetulkan kesilapan tersebut sebelum tarikh tamat penyerahan sebut harga yang ditetapkan dalam Notis Sebutharga.

- 1.8 Sebut harga hendaklah sah laku selama **90 hari** dari tarikh penyerahan sebut harga seperti yang ditetapkan dalam Notis Sebut harga dan Penyebutharga tidak boleh menarik balik sebut harganya dalam tempoh tersebut.
- 1.9 Penyebutharga mestilah membuat tawaran terhadap kesemua daripada bekalan dan perkhidmatan mengikut kepakaran dan kemampuan Penyebutharga.
- 1.10 Kerajaan Negeri tidak terikat untuk menerima sebutharga yang terendah atau mana-mana sebutharga.
- 1.11 Penyebutharga yang berjaya akan diberitahu melalui Surat Setuju Terima Sebut harga. Tempoh menandatangani perjanjian itu boleh dilanjutkan jika pegawai yang berkuasa bersetuju bahawa ada sebab-sebab yang munasabah untuk berbuat demikian.
- 1.12 Kerajaan Negeri adalah berhak untuk meminda atau membatalkan mana-mana syarat yang terkandung dalam pelawaan sebutharga ini pada bila-bila masa selepas pelawaan sebut harga ini dikeluarkan tanpa memberi sebarang notis terlebih dahulu.
- 1.13 Menandakan dan mengirimitkan sebut harga :
  - i. Tiap-tiap sebut harga hendaklah dimasukkan ke dalam sampul surat yang berlakri (*sealed*) dan ditanda pada sampul surat itu dengan Nama Sebut harga di sebelah kiri atas sampul surat.

- ii. Semua sebut harga hendaklah dialamatkan kepada:-

**Pengarah  
Bahagian Pengurusan Teknologi Maklumat,  
Pejabat Setiausaha Kerajaan Negeri  
Blok 6, Tingkat 1, Kota Darulniam  
15503 KOTA BHARU**

#### 1.14 Tarikh Tutup

- i. Tawaran sebut harga akan ditutup pada **12 September 2022** sebelum atau pada jam **12.00 tengahhari**.
- ii. Tawaran yang lewat dikemukakan **TIDAK AKAN DIPERTIMBANGKAN**.

#### 1.15 DOKUMEN SEBUTHARGA

Penyebutharga boleh mendapatkan Dokumen sebutharga dengan melayari Portal Rasmi Kerajaan Negeri Kelantan di <https://www.kelantan.gov.my/> dengan memuatturun Dokumen Sebutharga (Nom. Sebutharga SUK : BPTM 3/2022)

## 2. TAKLIMAT TENDER

- 2.1 Satu sesi taklimat bagi sebut harga akan diadakan sebagaimana berikut:

**Tarikh** : **04 September 2022**  
**Masa** : **10.00 Pagi**  
**Tempat** : **Bilik Mesyuarat BPTM, Blok 6 Kota Darulnaim**

- 2.2 Penyebutharga **DIKEHENDAKI** mengemukakan Borang Pengesahan Kehadiran Taklimat Sebut harga seperti di **LAMPIRAN A: Borang Pengesahan Kehadiran Taklimat Sebutharga**. Kehadiran maksimum dihadkan kepada seorang (1) orang wakil bagi setiap Penyebutharga. Borang pengesahan kehadiran hendaklah dikemukakan dengan emel kepada [bptm@kelantan.gov.my](mailto:bptm@kelantan.gov.my) atau fax di nombor 09-7430504
- 2.3 Semua Penyebutharga **DIWAJIBKAN** menghadiri taklimat tersebut. Kegagalan Penyebutharga untuk menghadiri taklimat Sebutharga mengakibatkan **Tawaran Penyebutharga tidak layak untuk dipertimbangkan** dan akan **DITOLAK**.



## PENYERAHAN DOKUMEN TAWARAN SEBUT HARGA

### 1. FORMAT DOKUMEN SEBUT HARGA

1.1 Peyebutharga adalah **DIKEHENDAKI** mengemukakan dokumen tawaran sebutharga di dalam **dua (2) JILID secara berasingan** seperti berikut:

**JILID 1: DOKUMEN TAWARAN TEKNIKAL**

**JILID 2: DOKUMEN TAWARAN KEWANGAN**

1.2 Penyebutharga hendaklah memastikan:

a. JILID 1 dan JILID 2 hendaklah setiap satunya diserahkan dalam **SATU (1)** salinan dokumen *hardcopy* **secara berasingan**.

b. JILID 1 dan JILID 2 hendaklah dimasukkan dalam sampul surat atau bungkusan yang berasingan dan berlakri serta ditandakan dengan jelas pada sampul surat atau bungkusan seperti berikut:

**'SULIT – NOM. SEBUTHARGA SUK : BPTM 3/2022  
(DOKUMEN TAWARAN TEKNIKAL)'**

dan

**'SULIT – NOM. SEBUTHARGA SUK : BPTM 3/2022  
(DOKUMEN TAWARAN KEWANGAN)'**

Kedua-dua sampul surat atau bungkusan JILID 1 dan JILID 2 hendaklah dimasukkan dalam satu sampul surat lain yang berlakri dan ditandakan seperti berikut:

**'SULIT – NOM. SEBUTHARGA SUK : BPTM 3/2022**

- 1.3 Kegagalan Penyebutharga mematuhi **Para 1.1 dan 1.2** boleh mengakibatkan **Tawaran Penyebutharga tidak layak untuk dipertimbangkan** dan akan **DITOLAK**.
- 1.4 Penyebutharga mestilah mengemukakan hanya satu (1) cadangan keseluruhan dan bukannya cadangan sebahagian dalam tawaran sebutarga.
- 1.5 Penyebutharga **tidak dibenarkan mencatatkan nama/tanda syarikat** di mana-mana pun dalam **JILID 1 – Dokumen Tawaran Teknikal** termasuk risalah yang dikemukakan. Kegagalan penyebutharga mematuhi syarat ini menyebabkan tawaran petender **DITOLAK**.
- 1.6 **JILID I – DOKUMEN TAWARAN TEKNIKAL**

Penyebutharga **diwajibkan** untuk mengisi dengan lengkap dan mengemukakan lampiran-lampiran seperti dinyatakan di Jadual 1 – Dokumen yang perlu dikemukakan. **Kegagalan mematuhi perkara ini boleh mengakibatkan tawaran ditolak.**

**Jadual 1 – Dokumen yang perlu dikemukakan**

Bil	Senarai Dokumen Tawaran Teknikal
1.	Arahan Perbendaharaan 170 (Lampiran Q)
2.	Tawaran Teknikal – Lampiran A1
3.	Pengalaman Penyebutharga – Lampiran A2
4.	Jadual Pelaksanaan – Lampiran A3
5.	Brosur dan Risalah Berkaitan – Lampiran A4
6.	Khidmat Sokongan dan Penyelenggaraan – Lampiran A5
7.	Latihan dan Pemindahan Teknologi – Lampiran A6

## 1.7 JILID I – DOKUMEN TAWARAN KEWANGAN

Penyebutharga **diwajibkan** untuk mengisi dengan lengkap dan mengemukakan lampiran-lampiran seperti dinyatakan di Jadual 1 – Dokumen yang perlu dikemukakan. **Kegagalan mematuhi perkara ini boleh mengakibatkan tawaran ditolak.**

**Jadual 2 – Dokumen yang perlu dikemukakan**

<b>Bil</b>	<b>Senarai Dokumen Tawaran Kewangan</b>
1.	Salinan Sijil Pendaftaran Syarikat – Lampiran B1
2.	Salinan Sijil-Sijil Pendaftaran Dengan Kementerian Kewangan – Lampiran B2
3.	Salinan Sijil Akaun Pendaftaran Syarikat Bumiputera (Jika Ada) – Lampiran B3
4.	Salinan Penyata Bulanan Akaun Bank Mengenai Wang Dalam Tangan Petender Bagi Tiga (3) Bulan Terakhir Sebelum Tarikh Tutup Sebutharga Yang Disahkan Oleh Pihak Bank – Lampiran B4
5.	Tawaran Harga – Lampiran B5
6.	Keterangan Penyebutharga : Lampiran B6

## 2. PERTANYAAN

Penyebut harga yang memerlukan sebarang penjelasan mengenai dokumen sebut harga boleh merujuk kepada:

**Noor Azri Bin Dzulkifli (Telefon : 09-7481957 Ext : 6146)**

**BORANG PENGESAHAN KEHADIRAN TAKLIMAT TAPAK BAGI SEBUT HARGA  
(NOM. SEBUT HARGA SUK : BPTM 3/2022)**

(Sila kembali borang ini sebelum atau pada 04 September 2022 melalui emel  
[bptm@kelantan.gov.my](mailto:bptm@kelantan.gov.my) atau faks di talian 09-7430504)

Kepada:

YBrs. Pengarah  
Bahagian Pengurusan Teknologi Maklumat  
Pejabat Setiausaha Kerajaan Negeri Kelantan  
Blok 6, Tingkat 1 Kota Darulnaim  
15503 KOTA BHARU  
Kelantan

Tuan,

**Borang Pengesahan Kehadiran Taklimat Bagi Sebut harga MEMBEKAL,  
MENGHANTAR, MEMASANG, MENGUJI DAN MENTAULIAH PERKAKASAN DAN  
PERISIAN ICT BAGI BAHAGIAN PENGURUSAN TEKNOLOGI MAKLUMAT,  
PEJABAT SETIAUSAHA KERAJAAN NEGERI KELANTAN**

Berikut adalah Pegawai yang akan menghadiri taklimat di atas adalah seperti berikut:

Bil	Nama	No. Kad Pengenalan	Jawatan	No. Telefon & E-mel
1.				

Sekian, terima kasih.

Tandatangan :  
Nama :  
Jawatan :  
Tarikh :  
Nama Syarikat :  
Cop Syarikat :

## **JILID 1: DOKUMEN TAWARAN TEKNIKAL**

## TAWARAN TEKNIKAL – SKOP KERJA DAN SPESIFIKASI TEKNIKAL

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
1	<p>Wireless Access Point – Wifi Ubiquity</p> <p><b>Networking Interface (Mbps)</b> 1 x 10/100/1000 Ethernet Ports</p> <p><b>Buttons</b> Reset</p> <p><b>Antennas</b> (1) Dual-Band Antenna, Tri-Polarity, 2.4 GHz- 3 dBi, 5 GHz- 3 dBi</p> <p><b>Wi-Fi Standards</b> 802.11 a/b/g/n/ac</p> <p><b>Power Method</b> Passive Power over Ethernet (24V), 802.3af Supported</p> <p><b>Power Supply</b> 24V, 0.5A PoE Adapter (Included)</p> <p><b>Maximum Power Consumption</b> 6.5 W</p> <p><b>Maximum TX Power</b> 2.4 GHz - 30 dBm, 5 GHz - 22 dBm</p> <p><b>BSSID</b> Up to Four Per Radio</p> <p><b>Dimensions</b> 175.7 x 175.7 x 43.2 mm (6.92 x 6.92 x 1.70")</p> <p><b>Weight</b> 240 g (315 g with Mounting Kits)</p> <p><b>Power Save</b> Supported</p> <p><b>Wireless Security</b> WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)</p> <p><b>Certifications</b> CE, FCC, IC</p> <p><b>Mounting</b> Wall/Ceiling (Kits Included)</p> <p><b>Operating Temperature</b> -10 ÷ 70° C</p>	4 UNIT	

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
	<p><b>Operating Humidity</b> 5 ÷ 95% Condensing Advanced Traffic Management</p> <p><b>VLAN</b> 802.1Q</p> <p><b>Advanced QoS</b> Per-User Rate Limiting</p> <p><b>Guest traffic isolation</b> Supported</p> <p><b>WMM</b> Voice, Video, Best Effort, and Background</p> <p><b>Concurrent Clients</b> 200+</p> <p><b>Supported Data Rates (Mbps)</b></p> <p><b>802.11a</b> 6, 9, 12, 18, 24, 36, 48, 54 Mbps</p> <p><b>802.11n</b> 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)</p> <p><b>802.11ac</b> 6.5 Mbps to 867 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)</p> <p><b>802.11b</b> 1, 2, 5.5, 11 Mbps</p> <p><b>802.11g</b> 6, 9, 12, 18, 24, 36, 48, 54 Mbps Manufacturer Ubiquiti</p>		
2.	<p><b>UPS - Eaton 9SX UPS, 6000VA (5.4kW) - 9SX6KI</b></p> <p>General:</p> <ul style="list-style-type: none"> <li>- Topology: On-line double conversion with PFC (Power Factor Correction) system</li> <li>- Configuration: Tower</li> <li>- Rating (VA/Watts): 5.4kW</li> </ul> <p>Rail Kit Included:6000VA</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- 9SX UPS</li> <li>- 2 IEC output power cords</li> <li>- Eaton Intelligent Power Software CD</li> <li>- Network Management Card</li> <li>- USB Cable</li> </ul>	6 UNIT	

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
	<p>Contents(Ships with the following items):</p> <ul style="list-style-type: none"> <li>- Serial Cable</li> <li>- supports for tower mounting</li> <li>- cable locking systems</li> <li>- Safety guide</li> <li>- 10-language user manual</li> </ul> <p>Electrical Input:</p> <ul style="list-style-type: none"> <li>- Connection: Hardwired - see manual for terminal block layout</li> <li>- Input Voltage Range: 176-276V without derating (up to 100–276V with derating)</li> <li>- Nominal Voltage: 200/208/220/230/240V</li> <li>- Frequency: 50/60 Hz autoselection</li> <li>- Frequency Range: 40-70 Hz</li> <li>- Short Circuit Current: 90 A</li> <li>- THDI: &lt;5%</li> </ul> <p>Electrical Output:</p> <ul style="list-style-type: none"> <li>- Voltages: 200/208/220/230/240V +/- 1%</li> <li>- Voltage: THD &lt; 2%</li> <li>- Output Receptacles: Hardwired - see manual for terminal block layout</li> <li>- Overload Capacity: 102–110% : 120s, 110–125%: 60s, 125–150%: 10s, &gt;150%: 500ms</li> <li>- Efficiency (Normal Mode): Up to 94% in Online mode, 98% in Hi-Efficiency mode-</li> <li>- Output Frequency: 50/60 Hz autoselect, frequency converter as standard</li> </ul> <p>Load Crest Factor: 3:1</p> <p>Battery Management: ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units.</p>	6 UNIT	



BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
	<p>Communications:</p> <ul style="list-style-type: none"> <li>- User Interface: Multilingual graphical LCD display</li> <li>- Communication Ports: 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry -contacts (DB9), 1 mini terminal block for remote On/Off and 1 for remote power Off</li> <li>- Communication Slot: 1 slot for Network-MS card, ModBus-MS or Relay-MS cards.</li> </ul> <p>Environmental &amp; Standards:</p> <ul style="list-style-type: none"> <li>- User Interface Multilingual graphical LCD display</li> <li>Communication Ports 1 Network management card, 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On/Off and 1 for remote power Off, 1 DB15 for parallel operation</li> </ul> <p>Environmental &amp; Standards</p> <ul style="list-style-type: none"> <li>- Audible Noise: &lt;45dB</li> <li>- Operating Temperature: 0 to 40°C continuous</li> <li>- Safety markings: IEC/EN 62040-1, UL 1778, CSA 22.2</li> <li>- EMC Markings: IEC/EN 62040 -2 , FCC Class A, IEC/EN 62040-3 (Performance)</li> <li>- Approvals: CE, CB report (TUV), UL</li> </ul>		
3.	<p><b>BATERI UPS PUSAT DATA BPTM - EATON 9PX5K REPLACEMENT UPS BATTERY SET</b></p> <p>General  SKU 9PX5K BATKIT  Batteries 30  Dimensions 3.54"L x 2.76"W x 4.21"H (includes terminal)  Weight 3.09 lbs</p> <p><b>INFORMATION</b>  Battery Replacments  Maintenance Plans for UPS</p>	5 UNIT	

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
4.	<p><b>PROJECTOR</b></p> <p>MODEL NUMBER 1785W  Power Supply Voltage 220- 240 V  Screen Size (Projected Distance)  Standard Size 60" screen 1.35 - 1.62m  Zoom : Wide 30" - 300" (0.67 - 6.81m)  Zoom : Tele 30" - 300" (0.80 - 8.18m)  Brightness  White Light Output (Normal/Eco) 3,200lm  Colour Light Output Normal / Eco: 3,200lm / 1,900lm  Contrast Ratio 10,000:1  Internal Speaker(s):  Sound Output Monaural: 1W X 1  Connectivity  Digital Input HDMI; 1(MHL)  Audio Input Stereo Mini Jack: 1  Network  Wireless Wireless LAN; In-built  Start-Up Period About 7.2 seconds, Warm-up  period: 30 seconds</p> <p>Projection Technology RGB liquid crystal shutter  projection system  Wireless Specifications (Wireless LAN):  Supported Speed For Each Mode:  IEEE 802.11b: 11 Mbps; IEEE 802.11g: 54 Mbps; IEEE  802.11n: 130 Mbps; IEEE 802.11g (2.4GHz): 54 Mbps; IEEE  802.11n (2.4GHz): 130.0 Mbps; IEEE 802.11a (5GHz): 54  Mbps; IEEE 802.11n (5GHz): 270.0 Mbps; IEEE 802.11ac  (5GHz): 780Mbps  Wireless LAN Security Quick Mode: WPA2-PSK  Advanced Mode: WPA2-  PSK, WPA/WPA2-PSK, WPA2-EAP, WPA/WPA2-EAP  Fan Noise  Fan Noise (Normal / Eco) 39 dB / 30Db</p>	2 UNIT	

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
5.	<p><b>DEHUMIDIFIRE</b></p> <p>Model KA-CD28P  Capacity (@30°C,80% ) 28 liter/day  Airflow Rate 280 m3/h  Power Rating 510 W  Voltage 220V/50Hz  Applied temperature 5°C – 38°C  Filters Primary, Secondary, HEPA00  Purification UV Lamp, Negative Ionizer  Current 2.3A  Air Pressure 50Pa  Water Proof Rank IPX04  Protection Delayed startup for protection  Refrigerant R134A  Compressor Panasonic  Body Size ( MM ) 840 x 400 x 250  Warranty 1 Year Warranty</p>	1 UNIT	
6.	<p><b>FINGERPRINT</b></p> <p>SPECIFICATIONS  MODEL AC900  SURFACE FINISHING Acrylonitrile butadiene styrene (ABS)  TYPE OF SCANNER Optical fingerprint scanner  MICROPROCESSOR 400 MHz  MEMORY 128MB flash memory and 32MB SDRAM  ALGORITHM BioBridge VX 9.0/VX10.0  DIMENSION (L X W X H), mm 91 x 40 x 190</p> <p>STORAGE</p> <ul style="list-style-type: none"> <li>• Fingerprint templates 1500</li> <li>• Transactions 100000</li> </ul> <p>ENROLLMENT &amp; VERIFICATION</p> <ul style="list-style-type: none"> <li>• Methods Fingerprint (1:1, 1:N), password</li> <li>• Recommended fingerprint per user ID 2</li> <li>• Fingerprint placement Any angle</li> <li>• Verification time (sec) &lt;1</li> <li>• FAR (%) &lt; 0.0001</li> <li>• FRR (%) &lt;1</li> </ul>	3 UNIT	

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
	<p><b>COMMUNICATIONS</b></p> <ul style="list-style-type: none"> <li>• Method TCP/IP, RS232, RS485</li> <li>• Baud rates 9600, 19200, 38400, 57600, 115200</li> <li>• Wiegand 26-bit output</li> </ul> <p><b>OPERATING ENVIRONMENT</b></p> <ul style="list-style-type: none"> <li>• Temperature (°C) 0 ~ 45</li> <li>• Humidity (%) 20 ~ 80</li> <li>• Power input DC12V 3A</li> </ul> <p><b>TIME ATTENDANCE</b></p> <ul style="list-style-type: none"> <li>• Work codes Yes</li> </ul> <p><b>MULTIMEDIA</b></p> <ul style="list-style-type: none"> <li>• Display Black and white</li> </ul> <p><b>ACCESS CONTROL</b></p> <ul style="list-style-type: none"> <li>• EM lock driving output DC12V3A / Relay output</li> <li>• Alarm output NO</li> </ul> <p><b>DISPLAY LANGUAGE (TERMINAL)</b> English (Standard), Arabic, Malay, Indonesian, Chinese (Traditional), Chinese (Simplified), Thai, Vietnamese, Korean, Spanish, Portuguese (Portugal), Portuguese (Brazil), Polish, French, Russian, German, Italian, Turkish, Persian, Slovak, Greek, Dutch, Hebrew, Romanian, Bulgarian. Other languages are available upon request.</p> <p><b>ACCESSORIES</b></p> <p><b>Indoor Electromagnetic Lock</b></p> <ul style="list-style-type: none"> <li>- - Holding force: 300-lb (136 kg).</li> <li>- Perfect for cabinets, small enclosures, and pedestrian gates.</li> <li>- Detachable mounting bracket included.</li> <li>- Anodized aluminum housing (US 28).</li> <li>- No residual magnetism.</li> <li>- MOV surge protection.</li> <li>- Complete mounting hardware included.</li> <li>- RoHS compliant.</li> <li>- Selectable 12/24 VDC operation</li> <li>- "L," "Z," and "U" brackets available for easy mounting.</li> </ul>		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
7.	<p><b>Power Amplifire - Behringer EUROPOWER PMP3000 Powered Audio Mixer</b></p> <ul style="list-style-type: none"> <li>*Ultra-compact 2 x 600-Watt stereo powered mixer (1,200 Watt bridged mode)</li> <li>*Revolutionary amplifier technology: enormous power, incredible sonic performance and super-light weight</li> <li>*Ultra-compact design at nearly half the weight of conventional powered mixers means no more lugging around dead weight</li> <li>*16-channel mixer section features 8 mono and 4 stereo channels plus separate tape returns</li> <li>*Studio-grade 24-bit stereo FX processor with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects</li> <li>*Revolutionary FBQ Feedback Detection system instantly reveals critical frequencies for easy feedback removal</li> <li>*8 high-quality IMP "Invisible" Mic Preamps with switchable +48 V phantom power for condenser microphones</li> <li>*Effective, extremely musical 3-band EQ, switchable Low cut filter and Clip LEDs on all mono channels</li> <li>*Stereo 7-band graphic EQ allows precise frequency correction of monitor or main outputs</li> <li>*Voice Canceller function removes singer's voice from recordings for Karaoke applications</li> <li>*Selectable stereo (main L/R), double mono (main/monitor) or bridged mono amplifier operation mode</li> <li>*Breathtaking XPQ 3D stereo surround effect for more vitality and enhanced stereo image</li> <li>*Adjustable stereo CD/Tape input for connecting external signal sources</li> <li>*Multi-functional stereo Preamp outputs for added flexibility</li> <li>*Internal switch-mode power supply, noise-free audio, superior transient response and very low power consumption</li> <li>*High-quality components and exceptionally rugged construction ensure long life</li> </ul>	1 UNIT	

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
8.	<p><b>AUDIO DIGITAL MIXER</b>  <b>BEHRINGER X32 COMPACT DIGITAL MIXER:</b></p> <ul style="list-style-type: none"> <li>-Auto Mix yields automatic gain sharing and mic ducking</li> <li>-X-Touch integration allows direct control of parameters over Ethernet</li> <li>-Set up a full crossover without using a matrix mix</li> <li>-Reverse polarity on your outputs for easy speaker alignment</li> <li>-Redesigned Behringer X32-Edit app features a new interface, full screen capabilities, floating windows, configurable fader layers, and more</li> <li>-40-input, 25-total-bus digital mixer</li> <li>-16 mix buses, Main LCR, 6 matrix buses</li> <li>-16 programmable Midas-designed mic preamps deliver audiophile sound quality</li> <li>-Highly configurable, with 40 input channels and 17 motorized faders</li> <li>-6 matrix mix buses, 16 mix buses feature inserts, 6-band parametric EQs and dynamics</li> <li>-Powerful scene management for easy handling of complex productions</li> <li>-USB interface delivers instant compatibility with major DAWs</li> <li>Ultranet connectivity for optional Behringer P-16 Personal Monitoring System</li> <li>-48-channel digital snake ready (sold separately) via AES50 ports</li> <li>-Comes with Tracktion 4 music production software</li> </ul>	1 UNIT	
9.	<p><b>SWITCH DATA VIDEO</b>  <b>AVMATRIX PVS0613 Portable 6-Channel SDI/HDMI Multi-Format Video Switcher:</b></p> <p>Portable All-in-One Video Switcher          Built-In 13.3" LCD Monitor          3G/HD/SD-SDI and HDMI Audio Input/Output          Up to 1080p60 Video Input and Output          3.5mm and 2RCA Analog Audio Inputs          Mix/Fade/Wipe Effects          T-Bar, Auto, Cut Transitions          TRS Audio Mixing, Adjustable PiP Mode</p>	1 UNIT	

<b>BIL.</b>	<b>PERALATAN / SPESIFIKASI</b>	<b>KUANTITI</b>	<b>CADANGAN SPESIFIKASI TEKNIKAL</b>
	<p>This thin, compact PVS0613 Portable 6-Channel SDI/HDMI Multi-Format Video Switcher from AV Matrix features a built-in 13.3" LCD monitor and can switch up to six different video inputs while recording the program feed. The multiview layout allows you to show preview, program, and input sources all on the same screen; PiP screen positioning is adjustable. This makes the PVS0613 a portable TV studio that you can take anywhere and set up with minimal effort or extra equipment.</p> <p>Four SDI and two HDMI inputs can be connected to cameras or other consumer or professional sources for switching up to 1080p60 video over HDMI with embedded TRS audio. There are also 3.5mm and 2RCA analog audio inputs that allow you to input separate audio to embed in your output. The input format will be autodetected by the switcher, and the output format is selectable by the user. The switcher's numerous functions include real-time background mattes, T-bar, auto/cut transitions, wipe/mix/fade effects, USB media source control, Picture-in-Picture, and an audio mixer with 3-channel and master control faders.</p> <p>Concert productions, events, parties, competitions, virtual studio, educational institutions, and live sports programming are some of the few use cases where the PVS0613 could be useful. When it's time to wrap production, close the 13.3" screen, unplug the video sources, and transport or store in its flat, portable state.</p>		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
10	<p><b>LIGHTING</b></p> <p><b>Aputure Light Storm C300d Mark II LS C300d II Light Kit V-Mount Battery Plate:</b></p> <p>Light with Controller &amp; Power Supply 20% More Powerful than Original C300d Wireless Remote with 328' Range 5500K Color Temperature, CRI/TLCI: 96 Built on the foundation of the popular LS C300d, Aputure's Light Storm LS C300d Mark II LED Light Kit with V-Mount Battery Plate is an enhanced version with 20% more power, refined features, and advanced connectivity.</p> <p>Aputure uses Chip on Board (COB) technology to produce a 5500K color temperature, with power consumption of just 350W, while outputting 3500 lux of light with an efficient reflector at a distance of 9.8'. In addition to power efficiency, this fixture also has a CRI/TLCI rating of 96, indicating accuracy in color rendering. The fixture's ballast/controller employs 0 to 100% Linear, Logarithmic, Exponential, and S-Curve dimming and is separated from the body of the fixture, making it lighter and reducing its size. A mounting base is included for use with an optional clamp, allowing attachment to a light stand to distribute the weight.</p> <p><b>DBK-150 vmount battery for lighting and camera:</b></p> <p>Cool black case, streamline design</p> <ul style="list-style-type: none"> <li>- 5-level LED power indicator</li> <li>- Chargeable Li-ion battery, no memory effect</li> <li>- Intelligent protection circuit design for over-heat, over-charge, over-discharge, and over-current protection</li> <li>- D-Tap and DC outputs, both can be used as a charging or discharging port</li> <li>- USB 5V/2A output for charging smartphones.</li> </ul>	2 unit	



BIL.	PERALATAN / SPESIFIKASI	KUANTITI	CADANGAN SPESIFIKASI TEKNIKAL
	<p>The Cool Black Series BP-190S Lithium-Ion V-Mount Battery from Fxlion outputs 14.8V and has a capacity of 190Wh (13Ah). It features both D-Tap and DC outputs that can be used for charging as well as discharging. Additionally, this battery comes with a 5V/2A USB output that allows for charging smartphones. It features built-in circuit design to protect the battery during charging and use. The 5-LED battery system provides an indicator that shows you how much capacity the battery has left before it needs to be charged.</p> <p><b>C Stand Photography Heavy Duty Stainless Steel C-Stand Video Premium Quality 30kg Payload with Carry bag &amp; Roller Wheel:</b></p> <p>Premium quality C Stand Photography Heavy Duty Stainless Steel Stand : Our C Stands are made from quality aluminium are built to last. They provide extremely sturdy support, being able to hold studio equipment such as strobe units and multiple light bulb heads, as well as giving the ability to suspend objects in the air. C-Stands provide more support than normal boom arm stands due to the leg positioning, and the sheer weight of the C-Stand. They also have a lower centre of gravity, further stabilising and being the perfect support within any studio.</p> <p>Very Sturdy due its design and weight. Heavy, will not fall easily. Impressive Max. Load of 25KG. Fully Adjustable. Height and Length of Boom Arm Can be weighted down further with sand bags if needed.</p> <p>Height : 150cm-330cm Length : 120cm Tube Diameter : 3.5cm-2.5cm Weight : 10.5kg</p>		



## JADUAL PELAKSANAAN PROJEK

Penyebutharga dikehendaki menerangkan secara terperinci Jadual Pelaksanaan untuk memastikan ia memenuhi keperluan dalam jadual yang dinyatakan.

## BROSUR DAN RISALAH BERKAITAN

Sila kembangkan Brosur dan Risalah yang berkaitan.

**KHIDMAT SOKONGAN DAN PENYENGGARAAN****Tawaran Khidmat Sokongan dan Penyenggaraan**

<b>BIL.</b>	<b>PERKARA</b>	<b>KHIDMAT SOKONGAN</b>	<b>PENYENGGARAAN</b>
1.	Perkakasan		
2.	Perisian		

**Nota :** Penyebutharga dikehendaki menyatakan khidmat sokongan dan penyenggaraan bagi semua perkakasan dan perisian yang ditawarkan. Penyebutharga juga dikehendaki mencadangkan *premier support* atau *After Sale Support Plan*

## LATIHAN DAN PEMINDAHAN TEKNOLOGI (TOT)

NO.	NAMA LATIHAN	KETERANGAN	JUMLAH SESI	JUMLAH HARI/SESI	JUMLAH PESERTA/SESI	TAHAP PROGRAM Contoh: Intermediate/ Advance

Penyebutharga dikehendaki mencadangkan program latihan dan pelan pemindahan teknologi kepada pegawai-pegawai Kerajaan yang akan ditentukan. Keterangan mengenai program tersebut perlu menggariskan bagaimana pemindahan pengetahuan dan kemahiran akan dilaksanakan dengan berkesan. Matlamat program tersebut adalah untuk memastikan kemandirian (*independent*) pegawai-pegawai Kerajaan.

Segala kos pelaksanaan latihan hendaklah ditanggung oleh Penyebutharga

## **JILID 2: DOKUMEN TAWARAN KEWANGAN**

**SALINAN SIJIL PENDAFTARAN SYARIKAT**



**SALINAN SIJIL-SIJIL PENDAFTARN DENGAN KEMENTERIAN  
KEWANGAN**

**SALINAN SIJIL AKUAN PENDAFTARAN SYARIKAT BUMIPUTERA  
(Jika Ada)**

**SALINAN PENYATA BULANAN AKAUN BANK MENGENAI WANG  
DALAM TANGAN BAGI PENYEBUTHARGA BAGI TIGA (3) BULAN  
TERAKHIR SEBELUM TUTUP SEBUTHARGA YANG DISAHKAN  
OLEH PIHAK BANK**

## TAWARAN HARGA

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA(RM)
1	<p><b>Wireless Access Point – Wifi Ubiquity</b></p> <p><b>Networking Interface (Mbps)</b> 1 x 10/100/1000 Ethernet Ports</p> <p><b>Buttons</b> Reset</p> <p><b>Antennas</b> (1) Dual-Band Antenna, Tri-Polarity, 2.4 GHz- 3 dBi, 5 GHz- 3 dBi</p> <p><b>Wi-Fi Standards</b> 802.11 a/b/g/n/ac</p> <p><b>Power Method</b> Passive Power over Ethernet (24V), 802.3af Supported</p> <p><b>Power Supply</b> 24V, 0.5A PoE Adapter (Included)</p> <p><b>Maximum Power Consumption</b> 6.5 W</p> <p><b>Maximum TX Power</b> 2.4 GHz - 30 dBm, 5 GHz - 22 dBm</p> <p><b>BSSID</b> Up to Four Per Radio</p> <p><b>Dimensions</b> 175.7 x 175.7 x 43.2 mm (6.92 x 6.92 x 1.70")</p> <p><b>Weight</b> 240 g (315 g with Mounting Kits)</p> <p><b>Power Save</b> Supported</p> <p><b>Wireless Security</b> WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)</p> <p><b>Certifications</b> CE, FCC, IC</p> <p><b>Mounting</b> Wall/Ceiling (Kits Included)</p> <p><b>Operating Temperature</b> -10 ÷ 70° C</p>	4 UNIT		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
	<p><b>Operating Humidity</b> 5 ÷ 95% Condensing Advanced Traffic Management</p> <p><b>VLAN</b> 802.1Q <b>Advanced QoS</b> Per-User Rate Limiting <b>Guest traffic isolation</b> Supported <b>WMM</b> Voice, Video, Best Effort, and Background</p> <p><b>Concurrent Clients</b> 200+</p> <p><b>802.11a</b> Supported Data Rates (Mbps) 6, 9, 12, 18, 24, 36, 48, 54 Mbps</p> <p><b>802.11n</b> 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT 20/40)</p> <p><b>802.11ac</b> 6.5 Mbps to 867 Mbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)</p> <p><b>802.11b</b> 1, 2, 5.5, 11 Mbps</p> <p><b>802.11g</b> 6, 9, 12, 18, 24, 36, 48, 54 Mbps Manufacturer Ubiquiti</p>			
2.	<p><b>UPS - Eaton 9SX UPS, 6000VA (5.4kW) - 9SX6KI</b></p> <p>General:</p> <ul style="list-style-type: none"> <li>- Topology: On-line double conversion with PFC (Power Factor Correction) system</li> <li>- Configuration: Tower</li> <li>- Rating (VA/Watts): 5.4kW</li> </ul> <p>Rail Kit Included:6000VA</p> <ul style="list-style-type: none"> <li>- Yes</li> <li>- 9SX UPS</li> <li>- 2 IEC output power cords</li> <li>- Eaton Intelligent Power Software CD</li> <li>- Network Management Card</li> <li>- USB Cable</li> </ul>	6 UNIT		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA(RM)
	<p>Contents(Ships with the following items):</p> <ul style="list-style-type: none"> <li>- Serial Cable</li> <li>- supports for tower mounting</li> <li>- cable locking systems</li> <li>- Safety guide</li> <li>- 10-language user manual</li> </ul> <p>Electrical Input:</p> <ul style="list-style-type: none"> <li>- Connection: Hardwired - see manual for terminal block layout</li> <li>- Input Voltage Range: 176-276V without derating (up to 100–276V with derating)</li> <li>- Nominal Voltage: 200/208/220/230/240V</li> <li>- Frequency: 50/60 Hz autoselection</li> <li>- Frequency Range: 40-70 Hz</li> <li>- Short Circuit Current: 90 A</li> <li>- THDI: &lt;5%</li> </ul> <p>Electrical Output:</p> <ul style="list-style-type: none"> <li>- Voltages: 200/208/220/230/240V +/- 1%</li> <li>- Voltage: THD &lt; 2%</li> <li>- Output Receptacles: Hardwired - see manual for terminal block layout</li> <li>- Overload Capacity: 102–110% : 120s, 110–125%: 60s, 125–150%: 10s, &gt;150%: 500ms</li> <li>- Efficiency (Normal Mode): Up to 94% in Online mode, 98% in Hi-Efficiency mode-</li> <li>- Output Frequency: 50/60 Hz autoselect, frequency converter as standard</li> </ul> <p>Load Crest Factor: 3:1</p> <p>Battery Management: ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units.</p>	6 UNIT		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
	<p>Communications:</p> <ul style="list-style-type: none"> <li>- User Interface: Multilingual graphical LCD display</li> <li>- Communication Ports: 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry -contacts (DB9), 1 mini terminal block for remote On/Off and 1 for remote power Off</li> <li>- Communication Slot: 1 slot for Network-MS card, ModBus-MS or Relay-MS cards.</li> </ul> <p>Environmental &amp; Standards:</p> <ul style="list-style-type: none"> <li>- User Interface Multilingual graphical LCD display</li> <li>Communication Ports 1 Network management card, 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On/Off and 1 for remote power Off, 1 DB15 for parallel operation</li> </ul> <p>Environmental &amp; Standards</p> <ul style="list-style-type: none"> <li>- Audible Noise: &lt;45dB</li> <li>- Operating Temperature: 0 to 40°C continuous</li> <li>- Safety markings: IEC/EN 62040-1, UL 1778, CSA 22.2</li> <li>- EMC Markings: IEC/EN 62040 -2 , FCC Class A, IEC/EN 62040-3 (Performance)</li> <li>- Approvals: CE, CB report (TUV), UL</li> </ul>			
3.	<p><b>BATERI UPS PUSAT DATA BPTM - EATON 9PX5K REPLACEMENT UPS BATTERY SET</b></p> <p>General  SKU 9PX5K BATKIT  Batteries 30  Dimensions 3.54"L x 2.76"W x 4.21"H (includes terminal)  Weight 3.09 lbs</p> <p>INFORMATION  Battery Replacments  Maintenance Plans for UPS</p>	5 UNIT		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
4.	<p><b>PROJECTOR</b></p> <p>MODEL NUMBER 1785W</p> <p>Power Supply Voltage 220- 240 V</p> <p>Screen Size (Projected Distance)</p> <p>Standard Size 60" screen 1.35 - 1.62m</p> <p>Zoom : Wide 30" - 300" (0.67 - 6.81m)</p> <p>Zoom : Tele 30" - 300" (0.80 - 8.18m)</p> <p>Brightness</p> <p>White Light Output (Normal/Eco) 3,200lm</p> <p>Colour Light Output Normal / Eco: 3,200lm / 1,900lm</p> <p>Contrast Ratio 10,000:1</p> <p>Internal Speaker(s):</p> <p>Sound Output Monaural: 1W X 1</p> <p>Connectivity</p> <p>Digital Input HDMI; 1(MHL)</p> <p>Audio Input Stereo Mini Jack: 1</p> <p>Network</p> <p>Wireless Wireless LAN; In-built</p> <p>Start-Up Period About 7.2 seconds, Warm-up period: 30 seconds</p> <p>Projection Technology RGB liquid crystal shutter projection system</p> <p>Wireless Specifications (Wireless LAN):</p> <p>Supported Speed For Each Mode:</p> <p>IEEE 802.11b: 11 Mbps; IEEE 802.11g: 54 Mbps; IEEE 802.11n: 130 Mbps; IEEE 802.11g (2.4GHz): 54 Mbps; IEEE 802.11n (2.4GHz): 130.0 Mbps; IEEE 802.11a (5GHz): 54 Mbps; IEEE 802.11n (5GHz): 270.0 Mbps; IEEE 802.11ac (5GHz): 780Mbps</p> <p>Wireless LAN Security Quick Mode: WPA2-PSK Advanced Mode: WPA2-PSK, WPA/WPA2-PSK, WPA2-EAP, WPA/WPA2-EAP</p> <p>Fan Noise</p> <p>Fan Noise (Normal / Eco) 39 dB / 30Db</p>	2 UNIT		



BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
5.	<p><b>DEHUMIDIFIRE</b>  Model KA-CD28P  Capacity (@30°C,80% ) 28 liter/day  Airflow Rate 280 m3/h  Power Rating 510 W  Voltage 220V/50Hz  Applied temperature 5°C – 38°C  Filters Primary, Secondary, HEPA00  Purification UV Lamp, Negative Ionizer  Current 2.3A  Air Pressure 50Pa  Water Proof Rank IPX04  Protection Delayed startup for protection  Refrigerant R134A  Compressor Panasonic  Body Size ( MM ) 840 x 400 x 250  Warranty 1 Year Warranty</p>	1 UNIT		
6.	<p><b>FINGERPRINT SPECIFICATIONS</b>  MODEL AC900  SURFACE FINISHING Acrylonitrile butadiene styrene (ABS)  TYPE OF SCANNER Optical fingerprint scanner  MICROPROCESSOR 400 MHz  MEMORY 128MB flash memory and 32MB SDRAM  ALGORITHM BioBridge VX 9.0/VX10.0  DIMENSION (L X W X H), mm 91 x 40 x 190  STORAGE  • Fingerprint templates 1500  • Transactions 100000  ENROLLMENT &amp; VERIFICATION  • Methods Fingerprint (1:1, 1:N), password  • Recommended fingerprint per user ID 2  • Fingerprint placement Any angle  • Verification time (sec) &lt;1  • FAR (%) &lt; 0.0001  • FRR (%) &lt;1</p>	3 UNIT	3,000.00	9,000.00

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
	<p><b>COMMUNICATIONS</b></p> <ul style="list-style-type: none"> <li>• Method TCP/IP, RS232, RS485</li> <li>• Baud rates 9600, 19200, 38400, 57600, 115200</li> <li>• Wiegand 26-bit output</li> </ul> <p><b>OPERATING ENVIRONMENT</b></p> <ul style="list-style-type: none"> <li>• Temperature (°C) 0 ~ 45</li> <li>• Humidity (%) 20 ~ 80</li> <li>• Power input DC12V 3A</li> </ul> <p><b>TIME ATTENDANCE</b></p> <ul style="list-style-type: none"> <li>• Work codes Yes</li> </ul> <p><b>MULTIMEDIA</b></p> <ul style="list-style-type: none"> <li>• Display Black and white</li> </ul> <p><b>ACCESS CONTROL</b></p> <ul style="list-style-type: none"> <li>• EM lock driving output DC12V3A / Relay output</li> <li>• Alarm output NO</li> </ul> <p><b>DISPLAY LANGUAGE (TERMINAL)</b> English (Standard), Arabic, Malay, Indonesian, Chinese (Traditional), Chinese (Simplified), Thai, Vietnamese, Korean, Spanish, Portuguese (Portugal), Portuguese (Brazil), Polish, French, Russian, German, Italian, Turkish, Persian, Slovak, Greek, Dutch, Hebrew, Romanian, Bulgarian. Other languages are available upon request.</p> <p><b>ACCESSORIES</b></p> <p><b>Indoor Electromagnetic Lock</b></p> <ul style="list-style-type: none"> <li>- Holding force: 300-lb (136 kg).</li> <li>- Perfect for cabinets, small enclosures, and pedestrian gates.</li> <li>- Detachable mounting bracket included.</li> <li>- Anodized aluminum housing (US 28).</li> <li>- No residual magnetism.</li> <li>- MOV surge protection.</li> <li>- Complete mounting hardware included.</li> <li>- RoHS compliant.</li> <li>- Selectable 12/24 VDC operation</li> <li>- "L," "Z," and "U" brackets available for easy mounting.</li> </ul>			

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
7.	<p><b>Power Amplifire - Behringer EUROPOWER PMP3000 Powered Audio Mixer</b></p> <ul style="list-style-type: none"> <li>*Ultra-compact 2 x 600-Watt stereo powered mixer (1,200 Watt bridged mode)</li> <li>*Revolutionary amplifier technology: enormous power, incredible sonic performance and super-light weight</li> <li>*Ultra-compact design at nearly half the weight of conventional powered mixers means no more lugging around dead weight</li> <li>*16-channel mixer section features 8 mono and 4 stereo channels plus separate tape returns</li> <li>*Studio-grade 24-bit stereo FX processor with 100 awesome presets including reverb, chorus, flanger, delay, pitch shifter and various multi-effects</li> <li>*Revolutionary FBQ Feedback Detection system instantly reveals critical frequencies for easy feedback removal</li> <li>*8 high-quality IMP "Invisible" Mic Preamps with switchable +48 V phantom power for condenser microphones</li> <li>*Effective, extremely musical 3-band EQ, switchable Low cut filter and Clip LEDs on all mono channels</li> <li>*Stereo 7-band graphic EQ allows precise frequency correction of monitor or main outputs</li> <li>*Voice Cancellor function removes singer's voice from recordings for Karaoke applications</li> <li>*Selectable stereo (main L/R), double mono (main/monitor) or bridged mono amplifier operation mode</li> <li>*Breathtaking XPQ 3D stereo surround effect for more vitality and enhanced stereo image</li> <li>*Adjustable stereo CD/Tape input for connecting external signal sources</li> <li>*Multi-functional stereo Preamp outputs for added flexibility</li> <li>*Internal switch-mode power supply, noise-free audio, superior transient response and very low power consumption</li> <li>*High-quality components and exceptionally rugged construction ensure long life</li> </ul>	1 UNIT		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
8.	<p><b>AUDIO DIGITAL MIXER</b>  <b>BEHRINGER X32 COMPACT DIGITAL MIXER:</b></p> <ul style="list-style-type: none"> <li>-Auto Mix yields automatic gain sharing and mic ducking</li> <li>-X-Touch integration allows direct control of parameters over Ethernet</li> <li>-Set up a full crossover without using a matrix mix</li> <li>-Reverse polarity on your outputs for easy speaker alignment</li> <li>-Redesigned Behringer X32-Edit app features a new interface, full screen capabilities, floating windows, configurable fader layers, and more</li> <li>-40-input, 25-total-bus digital mixer</li> <li>-16 mix buses, Main LCR, 6 matrix buses</li> <li>-16 programmable Midas-designed mic preamps deliver audiophile sound quality</li> <li>-Highly configurable, with 40 input channels and 17 motorized faders</li> <li>-6 matrix mix buses, 16 mix buses feature inserts, 6-band parametric EQs and dynamics</li> <li>-Powerful scene management for easy handling of complex productions</li> <li>-USB interface delivers instant compatibility with major DAWs</li> <li>Ultranet connectivity for optional Behringer P-16 Personal Monitoring System</li> <li>-48-channel digital snake ready (sold separately) via AES50 ports</li> <li>-Comes with Traktion 4 music production software</li> </ul>	1 UNIT		
9.	<p><b>SWITCH DATA VIDEO</b>  <b>AVMATRIX PVS0613 Portable 6-Channel SDI/HDMI Multi-Format Video Switcher:</b></p> <p>Portable All-in-One Video Switcher  Built-In 13.3" LCD Monitor  3G/HD/SD-SDI and HDMI Audio Input/Output  Up to 1080p60 Video Input and Output  3.5mm and 2RCA Analog Audio Inputs  Mix/Fade/Wipe Effects  T-Bar, Auto, Cut Transitions  TRS Audio Mixing, Adjustable PiP Mode</p>	1 UNIT		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
	<p>This thin, compact PVS0613 Portable 6-Channel SDI/HDMI Multi-Format Video Switcher from AV Matrix features a built-in 13.3' LCD monitor and can switch up to six different video inputs while recording the program feed. The multiview layout allows you to show preview, program, and input sources all on the same screen; PiP screen positioning is adjustable. This makes the PVS0613 a portable TV studio that you can take anywhere and set up with minimal effort or extra equipment.</p> <p>Four SDI and two HDMI inputs can be connected to cameras or other consumer or professional sources for switching up to 1080p60 video over HDMI with embedded TRS audio. There are also 3.5mm and 2RCA analog audio inputs that allow you to input separate audio to embed in your output. The input format will be autodetected by the switcher, and the output format is selectable by the user. The switcher's numerous functions include real-time background mattes, T-bar, auto/cut transitions, wipe/mix/fade effects, USB media source control, Picture-in-Picture, and an audio mixer with 3-channel and master control faders.</p> <p>Concert productions, events, parties, competitions, virtual studio, educational institutions, and live sports programming are some of the few use cases where the PVS0613 could be useful. When it's time to wrap production, close the 13.3" screen, unplug the video sources, and transport or store in its flat, portable state.</p>			

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
10	<p><b>LIGHTING</b></p> <p><b>Aputure Light Storm C300d Mark II LS C300d II Light Kit V-Mount Battery Plate:</b></p> <p>Light with Controller &amp; Power Supply 20% More Powerful than Original C300d Wireless Remote with 328' Range 5500K Color Temperature, CRI/TLCI: 96 Built on the foundation of the popular LS C300d, Aputure's Light Storm LS C300d Mark II LED Light Kit with V-Mount Battery Plate is an enhanced version with 20% more power, refined features, and advanced connectivity.</p> <p>Aputure uses Chip on Board (COB) technology to produce a 5500K color temperature, with power consumption of just 350W, while outputting 3500 lux of light with an efficient reflector at a distance of 9.8'. In addition to power efficiency, this fixture also has a CRI/TLCI rating of 96, indicating accuracy in color rendering. The fixture's ballast/controller employs 0 to 100% Linear, Logarithmic, Exponential, and S-Curve dimming and is separated from the body of the fixture, making it lighter and reducing its size. A mounting base is included for use with an optional clamp, allowing attachment to a light stand to distribute the weight.</p> <p><b>DBK-150 vmount battery for lighting and camera:</b></p> <p>Cool black case, streamline design</p> <ul style="list-style-type: none"> <li>- 5-level LED power indicator</li> <li>- Chargeable Li-ion battery, no memory effect</li> <li>- Intelligent protection circuit design for over-heat, over-charge, over-discharge, and over-current protection</li> <li>- D-Tap and DC outputs, both can be used as a charging or discharging port</li> <li>- USB 5V/2A output for charging smartphones.</li> </ul>	2 unit		

BIL.	PERALATAN / SPESIFIKASI	KUANTITI	HARGA SEUNIT (RM)	JUMLAH HARGA (RM)
	<p>The Cool Black Series BP-190S Lithium-Ion V-Mount Battery from Fxlion outputs 14.8V and has a capacity of 190Wh (13Ah). It features both D-Tap and DC outputs that can be used for charging as well as discharging. Additionally, this battery comes with a 5V/2A USB output that allows for charging smartphones. It features built-in circuit design to protect the battery during charging and use. The 5-LED battery system provides an indicator that shows you how much capacity the battery has left before it needs to be charged.</p> <p><b>C Stand Photography Heavy Duty Stainless Steel C-Stand Video Premium Quality 30kg Payload with Carry bag &amp; Roller Wheel:</b></p> <p>Premium quality C Stand Photography Heavy Duty Stainless Steel Stand : Our C Stands are made from quality aluminium are built to last. They provide extremely sturdy support, being able to hold studio equipment such as strobe units and multiple light bulb heads, as well as giving the ability to suspend objects in the air. C-Stands provide more support than normal boom arm stands due to the leg positioning, and the sheer weight of the C-Stand. They also have a lower centre of gravity, further stabilising and being the perfect support within any studio.</p> <p>Very Sturdy due its design and weight.</p> <p>Heavy, will not fall easily.</p> <p>Impressive Max. Load of 25KG.</p> <p>Fully Adjustable.</p> <p>Height and Length of Boom Arm Can be weighted down further with sand bags if needed.</p> <p>Height : 150cm-330cm Length : 120cm Tube Diameter : 3.5cm-2.5cm Weight : 10.5kg</p>			
	<b>JUMLAH KESELURUHAN</b>			

### KETERANGAN MENGENAI PENYEBUTHARGA

1. Nama Syarikat :
2. Alamat :
  
3. Nombor Telefon :
4. Nombor Faks :
5. Alamat e-mel :
6. Tarikh ditubuhkan :
7. No. Pendaftaran Syarikat :
8. Tarikh Tamat Pendaftaran Syarikat :
9. No. Pendaftaran Kementerian Kewangan:
10. Tarikh Tamat Pendaftaran Kementerian Kewangan:
11. Jenis Perniagaan :
  
12. **Maklumat Pemilik Saham** (Sila isi jadual di bawah) :

BIL.	NAMA	*NO. KAD PENGENALAN/ NO. PASPORT	WARGANEGARA	JUMLAH SAHAM	% PEMILIKAN SAHAM
1.					
2.					
3.					
4.					

Nota: \* Potong mana yang tidak berkenaan



## 13. Kedudukan Modal

(a) *Total Authorised Capital (Shares)* : RM \_\_\_\_\_(b) *Total Paid-up Capital* : RM \_\_\_\_\_

Nota : \_\_\_\_\_

(c) Aset Semasa : RM \_\_\_\_\_

(d) Liabiliti Semasa : RM \_\_\_\_\_

## (e) Kedudukan Pemegang Saham dalam Peratus

Bumiputera : \_\_\_\_\_

Bukan Bumiputera : \_\_\_\_\_

Modal Asing : \_\_\_\_\_

Nama Negeri : \_\_\_\_\_

## 14. Kedudukan Kakitangan

BIL.	KEWARGANEGARAAN	BILANGAN	PERATUS
1.	Bumiputera	Pengurusan:	
		Operasi:	
2.	Bukan Bumiputera	Pengurusan:	
		Operasi:	

## 15. Status Syarikat

(a) Bumiputra/Bukan Bumiputera\*

(b) Syarikat Tempatan/Syarikat Asing\*

## 16. Sijil pendaftaran dengan Kementerian Kewangan dan Kod Pendaftaran yang berkaitan (Salinan dikepilkkan).

17. Pengakuan

Saya/kami mengaku bahawa segala maklumat yang dikemukakan adalah benar.

Tandatangan :

Nama :

No. Kad Pengenalan :

Jawatan :

Cop Syarikat :

Tarikh :

\* Salinan Penyata Bank Terkini bagi tiga (3) bulan berturut-turut yang disahkan oleh pihak bank.

\* Sila sertakan salinan Penyata Kewangan Syarikat yang telah diaudit bagi tempoh tiga (3) tahun yang terkini.