# BAHAGIAN F2
# SENARAI KUANTITI

**PERKHIDMATAN MEMBEKAL, MEMASANG, MENGUJI DAN MENTAULIAH HYPERCONVERGE INFRASTRUCTURE (HCI) DAN VIRTUAL DESKTOP INFRASTRUCTURE (VDI) UNTUK KEGUNAAN PUSAT DATA MAJLIS BANDARAYA ISKANDAR PUTERI MEDINI**

**RINGKASAN SENARAI KUANTITI**

| BIL. | BAHAGIAN | MUKA SURAT | JUMLAH (RM) |
|---|---|---|---|
| 1 | **KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 1)** | F2/2 | |
| 2 | **KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 2)** | F2/3 | |
| 3 | **KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 3)** | F2/4 | |
| 4 | **KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 4)** | F2/5 | |
| 5 | **KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 5)** | F2/6 | |
| 6 | **KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R750XS (NODE 6)** | F2/7 | |
| 7 | **PENAMBAHAN DUA (2) NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI) DAN LESEN NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI)** | F2/8 | |
| **JUMLAH KESELURUHAN** | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
|---|---|---|---|---|---|
| A | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 1)<br>Service Tage: 5XMVB33 | | | | |
| A.1 | RAM<br>PART NO. AA779087<br>DELL MEMORY UPGRADE - 32 GB - 2RX4 DDR4 RDIMM 3200MT/S 8 GB BASE | UNIT | 8 | | |
| A.2 | SSD<br>PART NO. 345-BECI<br>960GB SSD SATA MIXED USE 6GBPS 512E 2.5IN WITH 3.5IN HYB CARR,HOT-PLUG,CK | UNIT | 1 | | |
| A.3 | HDD<br>PART NO. 161-BBQN<br>8TB HDD SATA 6GBPS 7.2K 512E 3.5IN HOT-PLUG,CUS KIT | UNIT | 2 | | |
| **JUMLAH KESELURUHAN (BIL A)** | | | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
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| B | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 2)<br>Service Tage: 3XMVB33 | | | | |
| B.1 | RAM<br>PART NO. AA779087<br>DELL MEMORY UPGRADE - 32 GB - 2RX4 DDR4 RDIMM 3200MT/S 8 GB BASE | UNIT | 8 | | |
| B.2 | SSD<br>PART NO. 345-BECI<br>960GB SSD SATA MIXED USE 6GBPS 512E 2.5IN WITH 3.5IN HYB CARR,HOT-PLUG,CK | UNIT | 1 | | |
| B.3 | HDD<br>PART NO. 161-BBQN<br>8TB HDD SATA 6GBPS 7.2K 512E 3.5IN HOT-PLUG,CUS KIT | UNIT | 2 | | |
| **JUMLAH KESELURUHAN (BIL B)** | | | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
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| C | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 3)<br>Service Tage: 4XMVB33 | | | | |
| C.1 | RAM<br>PART NO. AA779087<br>DELL MEMORY UPGRADE - 32 GB - 2RX4 DDR4 RDIMM 3200MT/S 8 GB BASE | UNIT | 8 | | |
| C.2 | SSD<br>PART NO. 345-BECI<br>960GB SSD SATA MIXED USE 6GBPS 512E 2.5IN WITH 3.5IN HYB CARR,HOT-PLUG,CK | UNIT | 1 | | |
| C.3 | HDD<br>PART NO. 161-BBQN<br>8TB HDD SATA 6GBPS 7.2K 512E 3.5IN HOT-PLUG,CUS KIT | UNIT | 2 | | |
| **JUMLAH KESELURUHAN (BIL C)** | | | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
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| D | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 4)<br>Service Tage: 6XMVB33 | | | | |
| D.1 | RAM<br>PART NO. AA779087<br>DELL MEMORY UPGRADE - 32 GB - 2RX4 DDR4 RDIMM 3200MT/S 8 GB BASE | UNIT | 8 | | |
| D.2 | SSD<br>PART NO. 345-BECI<br>960GB SSD SATA MIXED USE 6GBPS 512E 2.5IN WITH 3.5IN HYB CARR,HOT-PLUG,CK | UNIT | 1 | | |
| D.3 | HDD<br>PART NO. 161-BBQN<br>8TB HDD SATA 6GBPS 7.2K 512E 3.5IN HOT-PLUG,CUS KIT | UNIT | 2 | | |
| **JUMLAH KESELURUHAN (BIL D)** | | | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
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| E | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 5)<br>Service Tage: 2XMVB33 | | | | |
| E.1 | RAM<br>PART NO. AA779087<br>DELL MEMORY UPGRADE - 32 GB - 2RX4 DDR4 RDIMM 3200MT/S 8 GB BASE | UNIT | 6 | | |
| E.2 | SSD<br>PART NO. 345-BECI<br>960GB SSD SATA MIXED USE 6GBPS 512E 2.5IN WITH 3.5IN HYB CARR,HOT-PLUG,CK | UNIT | 1 | | |
| E.3 | HDD<br>PART NO. 161-BBQN<br>8TB HDD SATA 6GBPS 7.2K 512E 3.5IN HOT-PLUG,CUS KIT | UNIT | 2 | | |
| **JUMLAH KESELURUHAN (BIL E)** | | | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
|---|---|---|---|---|---|
| F | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R750XS (NODE 6)<br>Service Tage: DR3VTY3 | | | | |
| F.1 | RAM<br>PART NO. AB614353<br>DELL MEMORY UPGRADE - 32 GB - 2RX8 DDR4 RDIMM 3200MT/S 16 GB BASE (NOT COMPATIBLE WITH SKYLAKE CPU) | UNIT | 8 | | |
| F.2 | SSD<br>PART NO. 345-BECI<br>960GB SSD SATA MIXED USE 6GBPS 512E 2.5IN WITH 3.5IN HYB CARR,HOT-PLUG,CK | UNIT | 1 | | |
| F.3 | HDD<br>PART NO. 161-BBQN<br>8TB HDD SATA 6GBPS 7.2K 512E 3.5IN HOT-PLUG,CUS KIT | UNIT | 2 | | |
| **JUMLAH KESELURUHAN (BIL F)** | | | | | |

| BIL. | KETERANGAN | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
|---|---|---|---|---|---|
| G | PENAMBAHAN DUA (2) NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI) DAN LESEN NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI)<br><br>**Maintenance:-**<br>-To provide 24x7 maintenance support for preventive and corrective maintenance for **3 YEARS** :-<br>a) To provide preventive maintenance 4 times a year.<br>b) To provide 24x7x4 a day.<br><br>**VDINBD-1Y:-**<br>-Hardware warranty and support, repair and maintenance within warranty for **3 YEARS**.<br><br>**VDI License:-**<br>a) **VDS-MINI-ASV**- aSV for aDesk license by number of CPU for 4 UNIT.<br>b) **VDISUS-1Y** - VDI software license subscription & upgrade, upgrade license included for **3 YEARS**.<br>c) **VDITSS-1Y** - VDI 24*7 Technical Support Services for **3 YEARS**.<br><br>**Installation:-**<br>-Supply & installation of Sangfor VDI Server. | | | | |
| G.1 | CPU<br>PRODUCT NAME:VDS-W-6550<br>INTEL 4314 2.40GHZ 16C/32T 135W *2*,MEMORY 256G(8*32G),32*DIMM SLOTS,4*GE+2*10GE OPTICAL | UNIT | 2 | | |
| G.2 | SSD<br>PRODUCT NAME:SSD480G<br>480GB SSD 2.5" (FOR CACHE DISK). | UNIT | 4 | | |
| G.3 | HDD<br>PRODUCT NAME:SATA4T<br>4TB 7200RPM 3.5" SATA HDD (ENTERPRISE). | UNIT | 6 | | |
| G.4 | NIC<br>PRODUCT NAME:NIC-10GE-2<br>CONFIGURE IT WHEN YOU NEED 10GE PORTS,EACH CARD WITH 2*10GE,IT REQUIRES OPTICAL MODULE TO FUNCTION. | UNIT | 2 | | |
| G.5 | SFP+<br>PRODUCT NAME:OM-SFP+ -10GE -MM<br>SFP+ 10GE MULTIMODE OPTICAL TRANSCIEVER,FOR SHORT DISTANCE TRANSMISSION (850NM,300M) | UNIT | 8 | | |
| G.6 | LICENSE<br>PRODUCT NAME:<br>VDS-MINI-ASAN<br>-ASAN FOR ADESK PERPETUAL LICENSE BY NUMBER OF CPU. 4 | UNIT | 4 | | |
| **JUMLAH KESELURUHAN (BIL G)** | | | | | |