

# **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       |             |
| <b>JUMLAH KESELURUHAN</b> |                                                                                                                                  |            |             |

| BIL.                       | KETERANGAN                                                                                                | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
|----------------------------|-----------------------------------------------------------------------------------------------------------|------|----------|------------|------------|
| A                          | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER<br>EDGE R740 (NODE 1)<br>Service Tag: 5XNVB33              |      |          |            |            |
| 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-<br>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) |
|----------------------------|-----------------------------------------------------------------------------------------------------------|------|----------|------------|------------|
| B                          | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER<br>EDGE R740 (NODE 2)<br>Service Tag: 3XNVB33              |      |          |            |            |
| 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-<br>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) |
|----------------------------|-----------------------------------------------------------------------------------------------------------|------|----------|------------|------------|
| C                          | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER<br>EDGE R740 (NODE 3)<br>Service Tag: 4XNVB33              |      |          |            |            |
| 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-<br>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) |
|----------------------------|-----------------------------------------------------------------------------------------------------------|------|----------|------------|------------|
| D                          | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER<br>EDGE R740 (NODE 4)<br>Service Tag: 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-<br>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) |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|------|----------|------------|------------|
| E                                 | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER<br>EDGE R740 (NODE 5)<br>Service Tag: 2XNVB33              |      |          |            |            |
| 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-<br>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        |            |            |
| <b>JUMLAH KESELURUHAN (BIL E)</b> |                                                                                                           |      |          |            |            |

| BIL.                       | KETERANGAN                                                                                                                         | UNIT | KUANTITI | KADAR (RM) | AMAUN (RM) |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|------|----------|------------|------------|
| F                          | KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER<br>EDGE R750XS (NODE 6)<br>Service Tag: DR3VTY3                                     |      |          |            |            |
| F.1                        | RAM<br>PART NO. AB614353<br>DELL MEMORY UPGRADE - 32 GB - 2RX8 DDR4 RDIMM 3200MT/S 16 GB BASE<br>(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-<br>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                          | <p>PENAMBAHAN DUA (2) NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI) DAN LESEN NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI)</p> <p><b>Maintenance:-</b><br/> -To provide 24x7 maintenance support for preventive and corrective maintenance for <b>3 YEARS</b> :-<br/> a) To provide preventive maintenance 4 times a year.<br/> b) To provide 24x7x4 a day.</p> <p><b>VDINBD-1Y:-</b><br/> -Hardware warranty and support, repair and maintenance within warranty for <b>3 YEARS</b>.</p> <p><b>VDI License:-</b><br/> a) <b>VDS-MINI-ASV</b>- aSV for aDesk license by number of CPU for 4 UNIT.<br/> b) <b>VDISUS-1Y</b> - VDI software license subscription &amp; upgrade, upgrade license included for <b>3 YEARS</b>.<br/> c) <b>VDITSS-1Y</b> - VDI 24*7 Technical Support Services for <b>3 YEARS</b>.</p> <p><b>Installation:-</b><br/> -Supply &amp; installation of Sangfor VDI Server.</p> |      |          |            |            |
| G.1                        | <p>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</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | UNIT | 2        |            |            |
| G.2                        | <p>SSD<br/> PRODUCT NAME:SSD480G<br/> 480GB SSD 2.5" (FOR CACHE DISK).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | UNIT | 4        |            |            |
| G.3                        | <p>HDD<br/> PRODUCT NAME:SATA4T<br/> 4TB 7200RPM 3.5" SATA HDD (ENTERPRISE).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | UNIT | 6        |            |            |
| G.4                        | <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | UNIT | 2        |            |            |
| G.5                        | <p>SFP+<br/> PRODUCT NAME:OM-SFP+ -10GE -MM<br/> SFP+ 10GE MULTIMODE OPTICAL TRANSCEIVER, FOR SHORT DISTANCE TRANSMISSION (850NM, 300M)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | UNIT | 8        |            |            |
| G.6                        | <p>LICENSE<br/> PRODUCT NAME:<br/> VDS-MINI-ASAN<br/> -ASAN FOR ADESK PERPETUAL LICENSE BY NUMBER OF CPU. 4</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | UNIT | 4        |            |            |
| JUMLAH KESELURUHAN (BIL G) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |          |            |            |