

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

**SPESIFIKASI TEKNIKAL**

<b>BIL.</b>	<b>BAHAGIAN</b>	<b>MUKA SURAT</b>
A	KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 1)	2/0% P%
B	KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 2)	3/0% P%
C	KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 3)	4/0% P%
D	KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 4)	5/0% P%
E	KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R740 (NODE 5)	6/0% P%
F	KERJA-KERJA MENAIKTARAF SPESIFIKASI DELL POWER EDGE R750XS (NODE 6)	7/0% P%
G	PENAMBAHAN DUA (2) NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI) DAN LESEN NODE SANGFOR VIRTUAL DESKTOP INFRASTRUCTURE (VDI)	8/0% P%

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
A	<b>Kerja-Kerja Menaiktaraf Spesifikasi DELL Power Edge R740 (Node 1)</b> Service Tague: 5XMVB33			
A.1	<b>RAM</b> PART NO. AA779087 Dell Memory Upgrade - 32 GB - 2Rx4 DDR4 RDIMM 3200MT/s 8 Gb BASE			
A.2	<b>SSD</b> PART NO. 345-BEC1 960GB SSD SATA Mixed Use 6Gbps 512e 2.5in with 3.5in HYB CARR,Hot-plug,CK			
A.3	<b>HDD</b> PART NO. 161-BBQN 8TB HDD SATA 6Gbps 7.2K 512e 3.5in Hot-Plug,CUS Kit			

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
B	<b>Kerja-Kerja Menaiktaraf Spesifikasi DELL Power Edge R740 (Node 2)</b> Service Tague: 3XMVB33			
B.1	<b>RAM</b> PART NO. AA779087 Dell Memory Upgrade - 32 GB - 2Rx4 DDR4 RDIMM 3200MT/s 8 Gb BASE			
B.2	<b>SSD</b> PART NO. 345-BEC1 960GB SSD SATA Mixed Use 6Gbps 512e 2.5in with 3.5in HYB CARR,Hot-plug,CK			
B.3	<b>HDD</b> PART NO. 161-BBQN 8TB HDD SATA 6Gbps 7.2K 512e 3.5in Hot-Plug,CUS Kit			

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
C	<b>Kerja-Kerja Menaiktaraf Spesifikasi DELL Power Edge R740 (Node 3)</b> Service Tague: 4XMVB33			
C.1	<b>RAM</b> PART NO. AA779087 Dell Memory Upgrade - 32 GB - 2Rx4 DDR4 RDIMM 3200MT/s 8 Gb BASE			
C.2	<b>SSD</b> PART NO. 345-BEC1 960GB SSD SATA Mixed Use 6Gbps 512e 2.5in with 3.5in HYB CARR,Hot-plug,CK			
C.3	<b>HDD</b> PART NO. 161-BBQN 8TB HDD SATA 6Gbps 7.2K 512e 3.5in Hot-Plug,CUS Kit			

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
D	<b>Kerja-Kerja Menaiktaraf Spesifikasi DELL Power Edge R740 (Node 4)</b> Service Tague: 6XMVB33			
D.1	<b>RAM</b> PART NO. AA779087 Dell Memory Upgrade - 32 GB - 2Rx4 DDR4 RDIMM 3200MT/s 8 Gb BASE			
D.2	<b>SSD</b> PART NO. 345-BEC1 960GB SSD SATA Mixed Use 6Gbps 512e 2.5in with 3.5in HYB CARR,Hot-plug,CK			
D.3	<b>HDD</b> PART NO. 161-BBQN 8TB HDD SATA 6Gbps 7.2K 512e 3.5in Hot-Plug,CUS Kit			

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
E	<b>Kerja-Kerja Menaiktaraf Spesifikasi DELL Power Edge R740 (Node 5)</b> Service Tague: 2XMVB33			
E.1	<b>RAM</b> PART NO. AA779087 Dell Memory Upgrade - 32 GB - 2Rx4 DDR4 RDIMM 3200MT/s 8 Gb BASE			
E.2	<b>SSD</b> PART NO. 345-BECI 960GB SSD SATA Mixed Use 6Gbps 512e 2.5in with 3.5in HYB CARR,Hot-plug,CK			
E.3	<b>HDD</b> PART NO. 161-BBQN 8TB HDD SATA 6Gbps 7.2K 512e 3.5in Hot-Plug,CUS Kit			

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
F	<b>Kerja-Kerja Menaiktaraf Spesifikasi DELL Power Edge R750xs (Node 6)</b> Service Tague: DR3VTY3			
F.1	<b>RAM</b> PART NO. AB614353 Dell Memory Upgrade - 32 GB - 2Rx8 DDR4 RDIMM 3200MT/s 16 Gb BASE (Not Compatible with Skylake CPU)			
F.2	<b>SSD</b> PART NO. 345-BEC1 960GB SSD SATA Mixed Use 6Gbps 512e 2.5in with 3.5in HYB CARR,Hot-plug,CK			
F.3	<b>HDD</b> PART NO. 161-BBQN 8TB HDD SATA 6Gbps 7.2K 512e 3.5in Hot-Plug,CUS Kit			

BIL.	SPESIFIKASI	YA	TIDAK	CATATAN
G	<p><b>Penambahan Dua (2) Node Sangfor Virtual Desktop Infrastructure (VDI) dan Lesen Node Sangfor Virtual Desktop Infrastructure (VDI)</b></p> <p><b>Maintenance:-</b>  -To provide 24x7 maintenance support for preventive and corrective maintenance for <b>3 YEARS</b> :-  a) To provide preventive maintenance 4 times a year.  b) To provide 24x7x4 a day.</p> <p><b>VDINBD-1Y:-</b>  -Hardware warranty and support, repair and maintenance within warranty for <b>3 YEARS</b>.</p> <p><b>VDI License:-</b>  a) <b>VDS-MINI-ASV</b> - aSV for aDesk license by number of CPU for 4 UNIT.  b) <b>VDISUS-1Y</b> - VDI software license subscription &amp; upgrade, upgrade license included for <b>3 YEARS</b>.  c) <b>VDITSS-1Y</b> - VDI 24*7 Technical Support Services for <b>3 YEARS</b>.</p> <p><b>Installation:-</b>  -Supply &amp; installation of Sangfor VDI Server.</p>			
G.1	<p><b>CPU</b></p> <p>Product Name:VDS-W-6550  Intel 4314 2.40GHz 16C/32T 135W 2,Memory 256G(8*32G),32*DIMM slots,4*GE+2*10GE optical</p>			
G.2	<p><b>SSD</b></p> <p>Product Name:SSD480G  480GB SSD 2.5" (for cache disk).</p>			
G.3	<p><b>HDD</b></p> <p>Product Name:SATA4T  4TB 7200RPM 3.5" SATA HDD (Enterprise).</p>			
G.4	<p><b>NIC</b></p> <p>Product Name:NIC-10GE-2  Configure it when you need 10GE ports,each card with 2*10GE,it requires optical module to function.</p>			
G.5	<p><b>SFP+</b></p> <p>Product Name:OM-SFP+ -10GE -MM  SFP+ 10GE Multimode Optical Transceiver,for short distance transmission (850nm,300M)</p>			
G.6	<p><b>License</b></p> <p>Product Name:  VDS-MINI-ASAN  -aSAN for aDesk perpetual license by number of CPU. 4</p>			