**JADUAL PEMATUHAN SPESIFIKASI TEKNIKAL**

**SEBUT HARGA PEROLEHAN PERTAMBAHAN DAN NAIK TARAF PERALATAN PELAYAN *MAYA HYPER CONVERGED INFRASTRUCTURE* (HCI) SERTA LESEN PERISIAN BAGI SISTEM PENDUAAN DAN PEMULIHAN (*BACKUP AND RECOVERY*) DI PEJABAT TANAH DAN GALIAN NEGERI SELANGOR (PTGS)**

| **Bil** | **Perkara** | **Unit** | **Mandatori** | **Pematuhan (Ya/Tidak)** | **Cadangan oleh Petender** |
| --- | --- | --- | --- | --- | --- |
| **PERALATAN** | | | | | |
| **A)** | **PELAYAN** | | | | |
|  | Penyebut harga perlu membekal, menghantar, memasang, mengkonfigurasi, menguji dan mentauliah satu (1) unit perkakasan pelayan ke Pejabat Tanah dan Galian Negeri Selangor: | **1** | **M** |  |  |
|  | * *Jenama produk:* ***(Sila nyatakan)*** |  | **M** |  |  |
|  | * *Model:* ***(Sila nyatakan)*** |  | **M** |  |  |
|  | * *Tahun Pembuatan:* ***(Sila nyatakan)*** |  | **M** |  |  |
|  | * *Asal Pembuatan:* ***(Sila nyatakan)*** |  | **M** |  |  |
|  | * *Form factor****: 2U rack mount, rail kit and cable management arm included.*** |  | **M** |  |  |
|  | * *Solution:* ***Sangfor Hyper Converged Infrastructure*** |  | **M** |  |  |
|  | * *Processor :*    + ***Dual processor Intel Xeon Gold 6226***   + ***Minimum 2.7GHz,12-core/24T, 10.4GT/s, 19.25M Cache, Turbo, HT (125W), DDR4-2933*** |  | **M** |  |  |
|  | * *Memory:*    + ***8 x 32GB RDIMM, 3200MT/s, Dual Rank (256GB Total)*** |  | **M** |  |  |
|  | * *Hard Disk Drive :*    + ***4 x 8TB 7.2K RPM NLSAS 12Gbps 512e 3.5in Hot-plug Hard Drive*** |  | **M** |  |  |
|  | * *Solid State Disk:*    + ***4 x 1.92TB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive,3.5in HYB CARR, 3 DWPD*** |  | **M** |  |  |
|  | * *Form Factor:*    + ***2U rack mountable, rail kit and cable management arm included.*** |  | **M** |  |  |
|  | * *Chassis:*    + ***Chassis with Up to 12 x 3.5” Hard Drives for 2CPU Configuration*** |  | **M** |  |  |
|  | * *PCI Slot:* ***Please State*** |  | **M** |  |  |
|  | * *Network Card :*    + ***2 x Intel X520 DP 10Gb DA/SFP+ Server Adapter & 1 x Intel Ethernet 1350 QP 1Gb Network Daughter Card*** |  | **M** |  |  |
|  | * *Drive bays:* ***Please State*** |  | **M** |  |  |
|  | * *Graphic:* ***Please State*** |  |  |  |  |
|  | * *Ports :*    + ***Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated IDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA*** |  | **M** |  |  |
|  | * *Power supply:*   + ***Minimum 750W***   + ***Dual, hot plug, Redundant power supply*** |  | **M** |  |  |
|  | * *Software :* ***Please State*** |  | **M** |  |  |
|  | * *Supported Operating Systems :* ***Please State*** |  | **M** |  |  |
|  | * *Transceiver :* ***Please State*** |  | **M** |  |  |
|  | * *Security Software :* ***Please State*** |  | **M** |  |  |
|  | * *Service and Warranty:*    + ***Technical support***   + ***Limited warranty: 3 years (Labor)***   + ***Limited warranty: 3 years (Parts)***   + ***3 Years ProSupport & mission critical: (24x7) with 4-hour onsite service***   + ***3 Years Mission critical: (24x7) with 4-hour onsite service***   + ***3 Years ProSupport & mission critical: (24x7)Technical Support and Assistance*** |  | **M** |  |  |
|  | * *Others:* ***Please State*** |  | **O** |  |  |
| **B)** | **PERISIAN** | | | | |
|  | **Perisian Maya (*Virtualization Software*)**  Penyebut harga perlu membekal, menghantar, memasang, mengkonfigurasi, menguji dan mentauliah *Perisian Maya (Virtualization Software)* untuk satu (1) unit server maya HCI *(dual processors*) yang akan dibekalkan di PTGS beserta lesen perisian dan sokongan teknikal selama tiga (3) tahun.  Maklumat perisian maya adalah seperti berikut: | **2** | **M** |  |  |
|  | * *Software type:* ***Sangfor Software License - Sangfor aCloud 6.0 / latest version*** |  | **M** |  |  |
|  | * aSV : *Server Virtualization, High Availability, DRS, Automated Hodd Add, Backup, Clone, Network Virtualization, Distributed Firewall, Drawable Topology, Visualized Network, aSwitch, aRouter* |  | **M** |  |  |
|  | * *aSAN : Storage Virtualization, 2-3 Copies, SSD Read and Write Acceleration, Data Locality* |  | **M** |  |  |
|  | * *aCMP : IT automation, Multi-Tenant management, self-defined workflow, billing and metering* |  | **M** |  |  |
|  | * *Software License Subscription & Upgrade, Upgrade License Included for 3 Years, CTI Technical Support* |  | **M** |  |  |
|  | * *Others: Please State* |  | **O** |  |  |
|  | **Perisian Penduaan dan Pemulihan (*Backup and Recovery*)**  Petender perlu membekal, menghantar, memasang, mengkonfigurasi, menguji dan mentauliah *Perisian* Penduaan dan Pemulihan (*Backup and Recovery*)  untuk 1 unit pelayan maya HCI *(dual processors)* beserta lesen perisian dan sokongan teknikal selama tiga (3) tahun.  Maklumat perisian Penduaan dan Pemulihan adalah seperti berikut: | **2** | **M** |  |  |
|  | * *Software type:* ***ArcServe Backup License*** |  | **M** |  |  |
|  | * *Arcserve UDP 7.0 AE - Socket - Lic Only for 2 sockets with 3 years support Startup Included* |  | **M** |  |  |
|  | * *Others: Please State* |  | **O** |  |  |