

JABATAN AGAMA ISLAM SELANGOR

SPESIFIKASI TEKNIKAL / KERJA

GENERAL REQUIREMENTS (MANDATORY)

1. Penyebutharga perlu mematuhi spesifikasi teknikal **minimum** seperti yang dinyatakan didalam jadual berikut atau yang setara dengannya atau yang lebih tinggi. Pernyataan surat sokongan daripada *principle* adalah **MESTI** jika ingin menawarkan spesifikasi yang setara dengan yang dikehendaki.
2. Penyebutharga perlu menyertakan surat perakuan pembekal untuk jaminan bersama-sama dokumen ini.
3. Penyebutharga juga dimestikan menyatakan mukasurat/para rujukan *brochure* atau surat pengeluaran yang digunakan untuk menyokong pernyataan teknikal pada setiap ruang. Cadangan penyebutharga yang tidak lengkap boleh menyebabkan tawaran petender **TIDAK DIPERTIMBANGKAN** dan **DITOLAK** daripada proses penilaian sebutharga.
4. Penyebutharga perlu membuat penghantaran, pemasangan, pengujian dan pentauliahan peralatan ICT tersebut di:

Unit Teknologi Maklumat,
Jabatan Agama Islam Selangor,
Tingkat 3, Menara Selatan,
Bangunan Sultan Idris Shah,
40676 Shah Alam, Selangor.

BIL	NAMA PERALATAN	SPESIFIKASI YANG DIPERLUKAN		TAWARAN PENYEBUTHARGA		CATATAN
		SPESIFIKASI MINIMUM	KUANTITI	SPESIFIKASI	KUANTITI	
1.	Type A - Pelayan (Server)		1			
	• Make/Model	Please state				
	• Processor	Quad-Core Intel® Xeon® Processor Series				
	• Memory	8GB DDR3				
	• Cache	8MB				
	• Drive controller	SAS 6/iR				
	• RAID controller	SAS 6/iR				
	• Drive bays	8 x 2.5+Hard Drive				
	• Hard drive	73GB 15K RPM,6Gbps SAS 2.5 " Hot Plug Hard Drive				
	• NIC	Four embedded Broadcom® NetXtreme IIi Gigabit Ethernet NIC with failover and load balancing				
	• Power Supply	Energy Smart . Two hot-plug high-efficient 570W PSU				
	• Availability	Spare Bank: hot-plug redundant power supplies				
	• Optical drive	CDRW/DVD combo drive with 24x max speed				
	• Rack Support	4-post , 3rd party Versa rails, sliding rails and Cable Management Arm				

BIL	NAMA PERALATAN	SPESIFIKASI YANG DIPERLUKAN		TAWARAN PENYEBUTHARGA		CATATAN
		SPESIFIKASI MINIMUM	KUANTITI	SPESIFIKASI	KUANTITI	
	• Fans	Standard redundant cooling				
	• Operating system	No operating system				
	• Installation services	Hardware installation				
	• Warranty	3/3/3 standard warranty. Three years onsite, next business day, three years parts and three years labor and include free telephone support 24 x 7				
2.	Type B - Pelayan (Server)		2			
	• Make/Model	<i>Please state</i>				
	• Processor	Quad-Core Intel® Xeon® Processor Series				
	• Memory	8GB DDR3				
	• Cache	8MB				
	• Drive controller	SAS 6/iR				
	• RAID controller	SAS 6/iR				
	• Drive bays	6 x 3.5+Hard Drive Option				

BIL	NAMA PERALATAN	SPESIFIKASI YANG DIPERLUKAN		TAWARAN PENYEBUTHARGA		CATATAN
		SPESIFIKASI MINIMUM	KUANTITI	SPESIFIKASI	KUANTITI	
	• Hard drive	3.5" Near-Line SAS (7.2K) 1TB				
	• NIC	Four embedded Broadcom® NetXtreme IIi Gigabit Ethernet NIC with failover and load balancing				
	• Power Supply	Energy Smart . Two hot-plug high-efficient 570W PSU				
	• Availability	Spare Bank: hot-plug redundant power supplies				
	• Optical drive	CDRW/DVD combo drive with 24x max speed				
	• Rack Support	4-post , 3rd party Versa rails, sliding rails and Cable Management Arm				
	• Fans	Standard redundant cooling				
	• Operating system	No operating system				
	• Installation services	Hardware installation				
	• Warranty	3/3/3 standard warranty. Three years onsite, next business day, three years parts and three years labor and include free telephone support 24 x 7				

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		SPESIFIKASI MINIMUM	KUANTITI	SPESIFIKASI	KUANTITI	
3.	Uninterrupt Power Supply (UPS) including Automatic Voltage Regulator (AVR)		2			
	• Make/Model	<i>Please state</i>				
	• Output Power Capacity	2700 Watts / 3000 VA				
	• Max Configurable Power	2700 Watts / 3000 VA				
	• Nominal Output Voltage	230V				
	• Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage				
	• Nominal Input Voltage	230V				
	• Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)				
	• Input voltage range for main operations	160 - 286V				

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		SPESIFIKASI MINIMUM	KUANTITI	SPESIFIKASI	KUANTITI	
	<ul style="list-style-type: none"> Input voltage adjustable range for mains operation 	151 - 302V				
	<ul style="list-style-type: none"> Surge Protection and filtering 	480 Joules				
	<ul style="list-style-type: none"> Warranty 	<ul style="list-style-type: none"> 2 years repair or replace on-site warranties available, extended warranties available 				
	<ul style="list-style-type: none"> Availability 	Boost and Trim Automatic Voltage Regulation (AVR)				
	<ul style="list-style-type: none"> Power conditioning 	Protects connected loads from surges, spikes, lightning, and other power disturbances.				
	<ul style="list-style-type: none"> Network manageable 	Provides remote management of the UPS over the network.				