

EQUIPMENT PURCHASE SPECIFICATION

FOR BME REPRESENTATIVE USE ONLY

Approved By	Name :Mutabillah Hj Abdullah
Date	Signature : 27 April 2026

TITLE OF TENDER/QUOTATION	TO SUPPLY, DELIVER, INSTALL, TEST AND COMMISSION ONE UNIT UNINTERRUPTED POWER SUPPLY (UPS) FOR PHARMACY LABORATORY , DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH.
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TENDER REFERENCE NO.	
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NAME OF ITEM	ONE UNIT UNINTERRUPTED POWER SUPPLY (UPS)
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NO.	ITEM DESCRIPTIONS AND SPECIFICATIONS	VENDOR'S OFFER			
		COMPLY (Please tick <input type="checkbox"/>) (Provide evidence for compliance(s))		ITEM DESCRIPTIONS AND SPECIFICATIONS	PRICE (\$)
		YES	NO		
1	Phase: Single Phase with Ground Capacity (VA/W): 10000/9000				
2	Input:				
2.1	Voltage Range (VAC): <ul style="list-style-type: none"> • 80-300 ±3% at 40% Load, 176-300 at 100% Load				
2.2	Frequency Range (Hz): 45-55 or 54-66				

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2.3	Power factor: ≥ 0.99				
3	Output				
3.1	AC Voltage (VAC) & Regulation: 208/220/230/240 $\pm 1\%$				
3.2	Battery Mode Frequency Range (Hz): 50 $\pm 0.5\%$				
3.3	Current Crest Ratio: 3:1				
3.4	Harmonic Distortion (HTD): <ul style="list-style-type: none"> • $\leq 2\%$ (linear load) $\leq 5\%$ (Non-Linear Load)				
3.5	Overload Protection <ol style="list-style-type: none"> 1) Line Mode Transfer bypass for 105%-125% at 1min, 126%-135% at 30s, 136%-150% at 10s, >150% immediately 2) Battery Mode Shutdown for 105%-125% at 60s 125%-135% at 30s >135% immediately 3) Bypass Mode Cut off for 125%-150% and warning for 60s Cut off for 150%-170% and warning for 10s Cut off for >170% and warning for 1s 				

3.6	Waveform (Batt mode): Pure Sine Wave				
3.7	Outlet: 1 x Terminal Block				
4	Efficiency				
4.1	AC mode: 92%				
	Battery Mode: 90%				
	ECO mode: 96%				
5	Battery				
5.1	Standard Mode: <ul style="list-style-type: none"> • Battery Type (QTY): VENDOR TO SPECIFY • Typical Recharge Time to 90% (hours): VENDOR TO SPECIFY Charging Current (A):				
6	Status Indicator				
6.1	LCD Display for Load Level, Battery Level, AC Mode, Bypass Mode and Fault indicator				
7	Alarm				
7.1	Battery Mode: Beeping every 10 seconds				

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7.2	Low Battery: Beeping every 2 seconds				
7.3	Overload: beeping twice every second				
7.4	Fault: Continuously Beeping				
8	Physical				
8.1	Standard Model Dimension WxDXH (mm): VENDOR TO SPECIFY Net Weight (Kg): VENDOR TO SPECIFY				
9	Operating Environment				
9.1	Relative Humidity (Non-condensing): 20-90% RH @ 0-40°C				
9.2	Noise level @ 1 Meter dB: <55				
10	Power Management				
10.1	Smart RS 232: Cloud-ready PowerMaster Management Software supports Windows				
10.2	HID Compliant USB: Cloud-ready PowerMaster Management Software supports Windows				

10.3	Smart Slot: For mini-wifi CMCARD-W, mini-eth CMCARD-E, mini SNMP PMCARD and mini DCT 400 dry contact card				
11	Design Standards				
11.1	Safety and EMC: CE and SIRIM				
12	Covers all electrical wiring works, cable installation, cable management, and all associated connections in accordance with required safety standards				
13	<u>WARRANTY</u>				
13.1	A minimum of one (1) year warranty for manufacturer's defect on the hardware, software and all cost of repairs and/or replacements should be included				
13.2	After-sales services must be provided for the product after one (1) year				
14	<u>DELIVERY</u> Items offered MUST be delivered within 3 months from date of approval. (Vendor to indicate the delivery period.)				
15	<u>PRICE VALIDITY</u>				

	Price validity MUST NOT BE LESS THAN 90 days or three (3) months.				
					TOTAL PRICE (\$)

No.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
A	Total Price: B\$	
B	Delivery Period:	
C	Model & Brand:	
D	Country of Origin:	
E	Where marketed:	
F	Year of Manufacture:	
G	Warranty:	
H	Power Requirement:	
I	Battery Back-up:	
J	International Safety Standard:	
K	Technical Support:	

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No.	GENERAL SPECIFICATIONS*	VENDOR'S OFFER
L	Equipment Whole Life Support:	
M	Dimensions (WxHxD) cm:	
N	User Manuals:	
O	Service Manuals:	
P	Spare-parts & Consumables Listing:	
Q	Technical Training On-Site:	
R	Site Requirements:	

*To all participating companies, please fill in the table above along with your other documents during submission of tender.

Bahagian/Unit/Makmal :	<i>Makmal Farmasi</i>		
Bil. Rujukan Bahagian/Unit/Makmal :	PCY/PR/2025-2056/12		
Pegawai dirujuk :	Nama :	Ainah Hai Abdullah	
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