



USM/JBEND/1/SP/BR/PLW6

**MAINTENANCE AND SERVICE “UPS SYSTEM BATTERY BANK” TO INSTITUT PERUBATAN DAN PERGIGIAN TERMAJU
UNIVERSITI SAINS MALAYSIA, 13200 KEPALA BATAS, PULAU PINANG
TECHNICAL SPECIFICATION SCHEDULE**

QUOTATION NO. : SH1/19/BM/CIPPT/P/00048

ITEM NO.	UNIVERSITY’S DESCRIPTION	QUANTITY	BIDDER’S SPECIFICATION (Please Write Your Specification In This Column)	TECHNICAL EVALUATION (FOR OFFICIAL USE ONLY)
A.	ITEM NAME UPS Battery	50 UNIT		
B.	DESCRIPTIONS Replacement Batteries for UPS systems that have weak or completely depleted batteries.			
C.	ESSENTIAL COMPONENTS 1. Battery 2. Trade-in existing battery 3. Ensure running of the UPS system			
D.	TECHNICAL SPECIFICATION 1. Battery 1.1 Nominal Voltage : 12V 1.2 Rated Capacity : 100AH 1.3 Type : Maintenance free (VRLA) Lead Acid Battery 1.4 Design Life : shall be minimum of 8 years			

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E.	<p>1.5 Warranty : 2 years</p> <p>1.6 The bidder shall be responsible for all battery maintenance activities during the warranty period. Battery maintenance shall be once a year</p> <p>1.7 Battery condition shall be brand new and high quality</p> <p>1.8 To comply with statutory certification (IEC/ EN/ ISO/ UL/ KS/ VDS)</p> <p>2. Trade-in existing battery</p> <p>2.1 The bidder shall quote price for trade in old batteries</p> <p>2.1.1 Rating : 12V</p> <p>2.1.2 Quantity : 50 units</p> <p>3. Ensure running of the UPS system</p> <p>3.1 Dismantle and remove existing batteries.</p> <p>3.2 Deliver and install of new batteries</p> <p>3.3 Start up and test run of the UPS and UPS shall be able to function properly and ready to use.</p> <p>STANDARD REQUIREMENTS AND INSTRUCTIONS</p> <p>1. Suppliers shall furnish a clause-by-clause commentary (detail comments) on the above requirements. The supplier who commented with texts such as “Yes”, “Complied”, “Refer to catalogue” or any text of this nature shall be considered as NON-RESPONSIVE.</p> <p>2. The supplier shall tag and highlight in the catalogue or other related documents the statements that conform to the specification requirements.</p> <p>3. Power requirement to follow Malaysia's national voltage: 230V, 50 Hz for single</p>			

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	<p>phase.</p> <ol style="list-style-type: none"> 4. The component supplied must be brand new and high quality with proper serial number to prove it and must not be a used or a reconditioned instrument. 5. The component must be fully supplied, delivered, installed and made fully functioning at site (Rooftop of Animal Research Complex (ARC), IPPT) 6. The component supplied must be warranted against manufacturing defects for at least 24 months from the date of accepted commissioning. 7. The supplier has to give information regarding their servicing capabilities / after sales service for the component quoted. 8. Quotation that does not quote prices exclusive of tax will not be considered. 9. All installation charges inclusive of M&E and builder's works must be borne by the supplier. The supplier shall be responsible for making good of any damages done to the buildings, structures and furnishes. 10. Site assessment and evaluation is compulsory to understand site constraints and on-site installation works that need to be carried out. 11. Service contract and software upgrading must be quoted separately. 12. Supplier shall provide Original Catalogue of all the component supplied. <p>Documentation</p> <p>At least two copies of the following documents in English must be provided:</p> <ol style="list-style-type: none"> 1. Performance test certificates. 2. Service Report 3. Original Catalogue (specify the brand). 4. Manufacturing certificates (if applicable). 			