

Request for Quotations (slot 2)

	Tender	Description	Quantity	Sample/Specs
1.	1185-21	Supply and delivery of inverter battery as listed below		
2.	1186-21	Supply and delivery of 12v, 170Ah gel (VRLA) battery	1	

Please note that **only** bidders registered with Procurement Regulatory Authority Of Zimbabwe (PRAZ) shall be considered.

(Please attach Proof of PRAZ registration in the specified category)

Closing date for ALL Tenders: On or before 1100hrs; Friday 26th of November 2021

Your Tender should state the price(Please state your VAT status), a firm delivery date and be placed in the tender box on the 8th Floor, South Wing, Runhare House , 107 Kwame Nkrumah Avenue, Harare; OR Emailed to procurement@telone.co.zw

Tel; 264 4 798111; 2902168; Fax 264 4 795499 Runhare House, 107 Kwame Nkrumah Avenue, Harare,



Inquiry No 1185-21

MTAWATAWA BATTERY AND INVERTER TECHNICAL SPECIFICATIONS

1. Battery specification

- 12V, 100Ah Lithium ion battery
- Battery technology shall be LiFePO₄
- Nominal Capacity of 100Ah
- Embedded BMS to protect the battery from abnormal conditions
- Nominal voltage shall be 12V DC
- Self-discharge of less than 3% per year
- Supports high DoD >95%
- Long life 4000 - 5000 cycles at 25°C
- Battery efficiency shall be > 99.1%
- Conforms to IEC 62619 and is RoHS compliant

2. 12V 800VA Inverter/Charger Technical Specifications

- Size of 800VA
- AC Output of 240V
- DC input of 12V
- Pure Sine wave output
- Circuit Breaker AC protection
- Fuse for DC Protection
- Frequency 50Hz
- Maximum charging current of 20A
- Compatible with Lithium-Ion battery
- Has Lightning, short circuit, Over/Low voltage protection
- LCD Indicators for load/battery level, utility power, output and bypass
- CE, ROHS, ISO9001 certification