



## KWAZULU-NATAL PROVINCE

SPORT, ARTS AND CULTURE  
REPUBLIC OF SOUTH AFRICA

### SPECIFICATION FOR UPS

TECHNICAL ENQUIRIES/ DELIVERY INFORMATION		
NAME OF DIRECTORATE/ COMPONENT:	Library Services	
DELIVERY DETAILS (ADDRESS AND DATE/ TIME)	230 Prince Alfred Street, Library Services, Pietermaritzburg	
OTHER REQUIREMENTS (State)		
CONTACT DETAILS: NAME	EMAIL ADDRESS	Contact Number
STHEMBISO MTHEMBU	mthembuss@kzndac.ov.za	0683565171

NO	DESCRIPTION OF SPECIFICATION	QUANTITY	BRAND NAME (if applicable)	UNIT PRICE	TOTAL PRICE
<i>To be completed by requester/ end user</i>			<i>To be completed by bidding supplier</i>		
1	<b>UPS 8kVA</b>	170			
	8kVA lithium UPS systems use <b>LiFePO4 batteries</b> with: <ul style="list-style-type: none"><li>• Voltage: <b>48V</b></li><li>• Capacity: <b>5kWh per battery (expandable)</b></li><li>• Cycle life: <b>3000–6000 cycles</b> (much longer than lead-acid)</li><li>• Built-in <b>BMS (Battery Management System)</b> for safety</li><li>• Protections:<ul style="list-style-type: none"><li>○ Overcharge / over-discharge</li><li>○ Short circuit</li><li>○ Temperature control</li></ul></li></ul>				
	3 years warranty				
	<b>Sub Total</b>				
	<b>VAT</b>				
	<b>TOTAL</b>				

Total inclusive of all taxes to be transferred to page 1 of invitation/ request to quote.