

Request for Proposal (RFP)

Supply and Installation of 12V 120AH Batteries for
ABB UPS Systems

AB Bank PLC.
Department of Information Technology
30-31 Dilkusha C/A, Dhaka 1000 Bangladesh

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INTRODUCTION

We are seeking proposals for the supply and installation of 12V 120AH, VRLA (AGM) Batteries for our ABB UPS systems. The batteries are required to ensure Uninterrupted Power Supply (UPS) to our Datacenter, as the existing batteries have exceeded their lifespan and are no longer performing optimally.

SCOPE OF WORK

Supply of Batteries: 12V 120AH, VRLA (AGM) Batteries, Brand: Ultracell.

Quantity: 96 units.

Installation: Complete installation of batteries, including necessary accessories.

Testing & Commissioning: Ensure proper functionality post-installation.

COMMERCIAL REQUIREMENTS

Unit Price: To be quoted per battery.

Accessories: To be included in the quote.

Installation Charges: To be included in the quote.

Total Cost: Including VAT & TAX.

VENDOR REQUIREMENTS

Only bidders meeting the following criteria are eligible to respond to this RFP:

- Must be a legally registered entity in Bangladesh.
- The bidder must have a valid trade license, VAT registration, and updated income tax certificate.
- Must have a minimum of 5 years prior experience in delivering and supporting similar solutions.
- Must have completed at least 2 similar projects in the last 3 years for reputed organizations (proof required).
- Must be an authorized distributor/reseller of the proposed battery brand or provide a valid authorization letter from the manufacturer.
- The proposed batteries must be original, brand-new, and imported directly from the manufacturer or authorized source. (BL must be submitted)
- Any bidder who has been blacklisted or barred by any Government Department, Financial Institution, Bank, or Regulatory Body shall be disqualified. A Litigation Declaration Letter must be submitted.

PROPOSAL SUBMISSION

Vendors must submit their technical proposals via email to rfp@abbl.com with the subject line: **“Supply and Installation of 12V 120AH Batteries for ABB UPS Systems”** A hard copy of the commercial proposal must be submitted separately in a sealed envelope, addressed to the **Head of Administration** at the following address:

Head of Administration

AB Bank PLC.

The Skymark, Level 4, 18 Gulshan Avenue, Dhaka 1212, Bangladesh

SUBMISSION GUIDELINES

Proposal Submission Deadline: **August 21, 2025**

CONTACT INFORMATION

For any clarifications, please contact rfp@abbl.com.

TECHNICAL SPECIFICATION

12V 120AH VRLA (AGM) Battery		
Required Specification		Bidder's Response
Brand:	Ultracell	
Model	Please mention	
Country of Origin	UK/USA/EU	
Country of Manufacture	UK/USA/EU	
Country of Shipment	UK/USA/EU	
Specification:		
Nominal Voltage	12V	
Nominal Capacity (20HR)	Minimum 120 Amp	
Standard Terminal	F11	
Rated Capacity:		
120.0 AH/6.5A	(20hr,1.80V/cell, 25°C / 77°F)	
121.0 AH/12.1A	(10hr,1.80V/cell, 25°C / 77°F)	
104.0 AH/20.8A	(5hr,1.75V/cell, 25°C / 77°F)	
90.6 AH/30.2A	(3hr,1.75V/cell, 25°C / 77°F)	
71.5 AH/71.5A	(1hr,1.60V/cell, 25°C / 77°F)	
Max Discharge Current	1170A (5s)	
Internal Resistance	Approx. 4.8mΩ	
Operating Temp. Range	Discharge: -20 ~ 55°C (-4 ~ 131°F)	
	Charge: 0 ~ 40°C (32 ~ 104°F)	
	Storage: -20 ~ 50°C (-4 ~ 122°F)	
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)	
Cycle Use	Initial Charging Current less than 31.25A. Voltage. 14.4V ~ 15.0V at 25°C (77°F) Temp. Coefficient -30mV/°C	
Standby Use	No limit on Initial Charging Current Voltage 13.5V ~ 13.8V at 25°C (77°F) Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C (104°F) 103%	
	25°C (77°F) 100%	
	0°C (32°F) 86%	
Design Floating Life at 20°C	15 Years	
Weight:	Please mention	
Dimension:	Please mention	
COMPLIANCE STANDARDS	IEC 60896	
	UL & CE Certified	
	ISO 9001 certified facilities	
Warranty:	Minimum 02 Years	