

# Request for Proposal (RFP)

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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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This RFP is neither an agreement nor an offer but an invitation from The Bank to interested parties to submit their bids. The purpose of this RFP is to provide bidders with relevant information to assist in formulating their proposals. The Bank does not claim that this RFP contains all the information required by each bidder. Each bidder should conduct its own investigations and analysis to verify the accuracy, reliability, and completeness of the information provided and seek independent advice where necessary.

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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 or Diamec or Leoch.

**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/ importer/ 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](mailto: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](mailto:rfp@abbl.com).

## TECHNICAL SPECIFICATION

12V 120AH VRLA (AGM) Battery		
Required Specification		Bidder's Response
Brand:	Ultracell / Diamec / Leoch	
Model	Please mention	
Country of Origin	Please mention	
Country of Manufacture	Please mention	
Country of Shipment	Please mention	
Specification:		
Nominal Voltage	12V	
Nominal Capacity (20HR)	Minimum 120 AH	
Standard Terminal	Please mention	
Rated Capacity: 25°C / 77°F)		
20 Hour Rate	Please mention	
10 Hour Rate	Please mention	
5 Hour Rate	Please mention	
1 Hour Rate	Please mention	
20 Hour Rate	Please mention	
Max Discharge Current	Please mention	
Internal Resistance	Please mention	
Operating Temp. Range	Discharge: Please mention	
	Charge: Please mention	
	Storage: Please mention	
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~25°C	Please mention	
Weight:	Please mention	
Dimension:	Please mention	
COMPLIANCE STANDARDS	IEC 60896	
	UL & CE Certified	
	ISO 14001 certified facilities	
	ISO 9001 certified facilities	
Compatible with BMS (Brand: Relat	The Battery must be compatible with current Battery monitoring system (BMS)	
Warranty:	Minimum 02 Years	