



KINGDOM OF CAMBODIA  
NATION RELIGION KING

ELECTRICITÉ DU CAMBODGE

Ref: 3262 EDC-PD

Phnom Penh, 07 April, 2025

**Attention : Purchaser of the Bidding Document**

**Project :** Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance of 100MW/200MWh Battery Energy Storage System Project for Grid Frequency Regulation (GRID FORMING)

**Reference :** Request for Bid/Contract No: EDC-BESS-2025-02 issued on March 6, 2025.

**ADDENDUM No. 1**

Electricité du Cambodge (EDC) hereby issues Addendum No. 1 to amend the bidding documents for the project of Design, Supply, Installation, Testing, Commissioning, Operation, and Maintenance of 100MW/200MWh Battery Energy Storage System Project for Grid Frequency Regulation (GRID FORMING). The detailed amendments are provided in the attached addendum document, which is enclosed for your reference.

For our records, please acknowledge receipt of this letter by sending us a copy of your acknowledgment at your earliest convenience.

Sincerely yours,



**Dr. Praing Chulasa**

Royal Government of Cambodia Delegate  
in charge as Managing Director

**To: Electricité du Cambodge**

We hereby acknowledge receipt of Addendum No. 1

Name of Company: .....

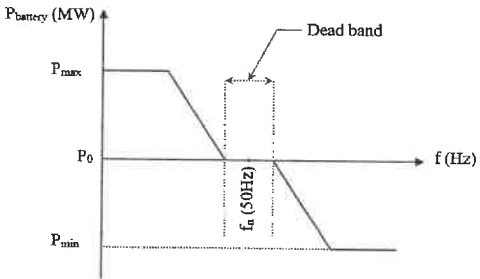
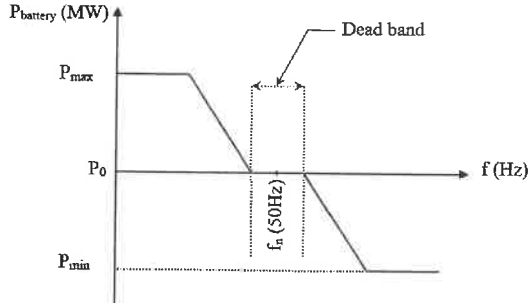
Signature of Representative: .....

**The Attachment of the ADDENDUM No. 1****RFB/Contract No.:** EDC-BESS-2025-02**Project:** Battery Energy Storage System

Design, Supply, Installation, Testing, Commissioning, Operation, and Maintenance of 100MW/200MWh Battery Energy Storage System Project for Grid Frequency Regulation (GRID FORMING)

The amended version of the Bidding Document including the changes described in the tables below, shall be used as the final version of bidding document for bid preparation.

No.	Reference	Previous Wording	Updated Wording
1	Section II – Bid Data Sheet, ITB clause 22.1	The deadline for Bid submission is: Date: 23 April 2025. Time: 10:00 A.M Cambodia Standard	The deadline for Bid submission is: Date: 06 May 2025. Time: 10:00 A.M Cambodia Standard
2	Section II – Bid Data Sheet, ITB clause 25.1	The Bid opening shall take place at: Date: 23 April 2025. Time: 10:15 A.M Cambodia Standard	The Bid opening shall take place at: Date: 06 May 2025. Time: 10:15 A.M Cambodia Standard
1	Section III Evaluation and Qualification Criteria Clause 1.4 b.2. Price of Round-Trip Efficiency (RTE)	$P_2 = 200,000 \times [SoC - (1 - DoD)] \times RTE \times P_{Capacity\ Losses}$	$P_2 = 200,000 \times [SoC - (1 - DoD)] \times (1 - RTE) \times P_{Capacity\ Losses}$
2	Section III Evaluation and Qualification Criteria Clause 1.4 b.4. Price of Land Use	$P_{Land}$ is Land Price (40 \$/m <sup>2</sup> )	$P_{Land}$ is Land Price (200 \$/m <sup>2</sup> )

No.	Reference	Previous Wording	Updated Wording
3	Section VII Work Requirements Clause 4 BESS Minimum Functional Specification;	<p><b>Energy Management System (EMS)</b></p>  <p>• Disconnect and isolate in response to system anomalies or surges</p>	<p>Relocate the graph from <b>Energy Management System (EMS)</b> Section to <b>BESS Plant Control Requirement</b> Section as figure below:</p> <p><b>BESS Plant Control Requirement</b></p> <p>The BESS Plant shall provide the control ability based on the installed hardware and equipped PCS and EMS software as below:</p> <ul style="list-style-type: none"> <li>Dispatch Control: BESS Plant shall provide the battery's power output control with the instant manual input command by operator and scheduled time series input command reference with a fast respond time.</li> <li>For Frequency Control: <ul style="list-style-type: none"> <li>Primary Frequency Control: BESS Plant shall be able to provide a fast response of the primary frequency control in the full control range of less than 1s with the pattern of the below drop characteristic.</li> </ul> </li> </ul> 
4	Section VII Work Requirements; Drawing	Drawing No. BESS-001-A-01	To be replaced by Drawing No. BESS-001-A-01-Addendum No.1

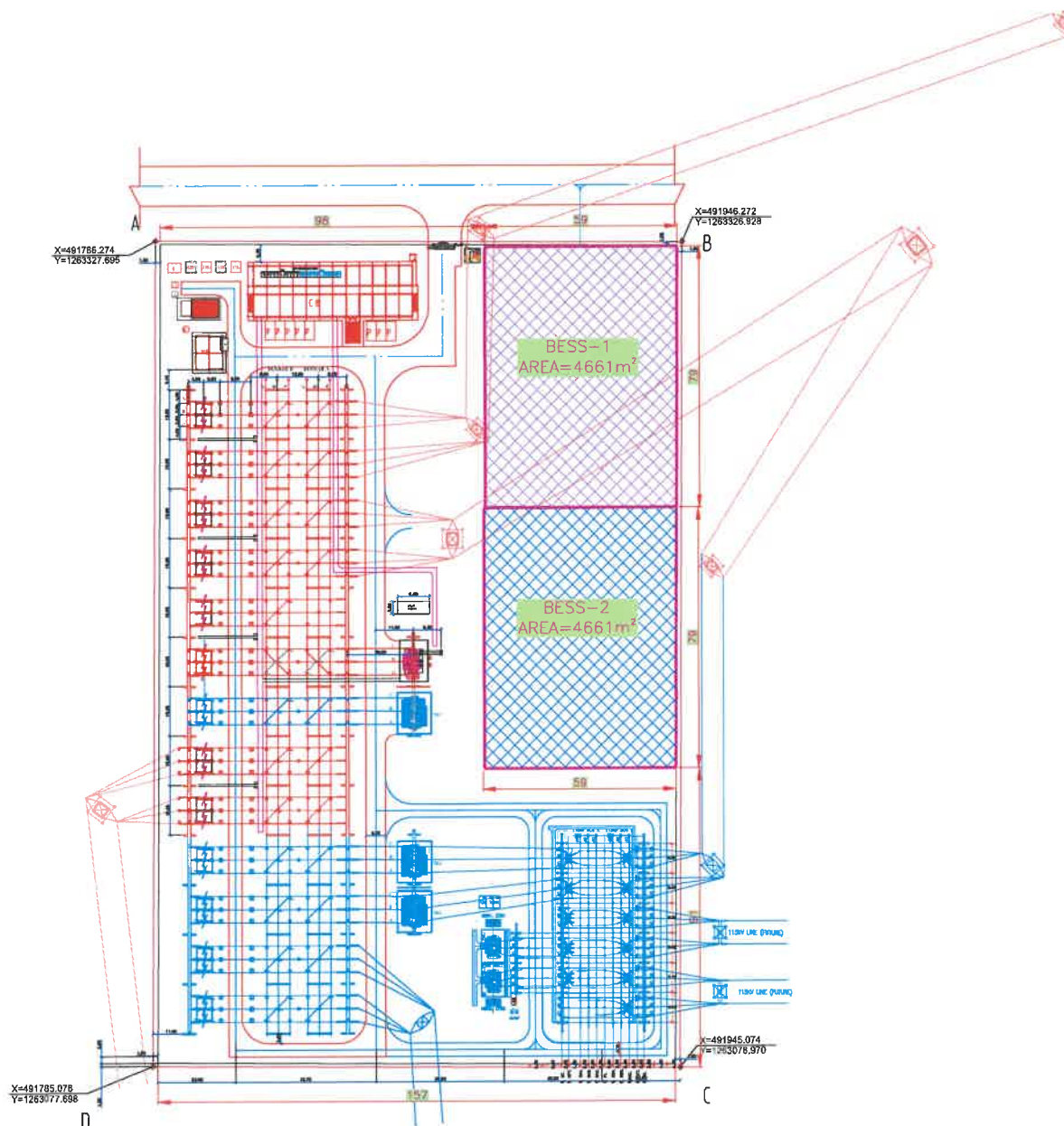




OWNER: 	CONTRACTOR:	REV.	DATE	MODIFICATION		NAME	SIGNATURE	PROJECT NAME: Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance of 100MW/200MWh Battery Energy Storage System Project for Grid Frequency Regulation (GRID FORMING)	DRAWING TITLE: GENERAL LOCATION PLAN FOR BESS	
		A	20-02-2025	FOR TENDER	DRAWN BY:					
		B			DESIGNED BY:				SCALE	DRAWING No.
		C			CHECKED BY:				BESS-001-A-01 Addendum No. 1	
		D			APPROVED BY:				SHEET No 03	

Handwritten signature and initials in blue ink.





CONTRACTOR:

REV.	DATE	MODIFICATION	DRAWN BY:	NAME	SIGNATURE
A	20-02-2025	FOR TENDER	DESIGNED BY:		
B			CHECKED BY:		
C			APPROVED BY:		
D					

PROJECT NAME:  
Design, Supply, Installation, Testing, Commissioning,  
Operation and Maintenance of 100MW/200MWh Battery  
Energy Storage System Project for Grid Frequency  
Regulation (GRID FORMING)

DRAWING TITLE:		
GENERAL LOCATION PLAN FOR BESS		
SCALE	DRAWING No.	SHEET No
	BESS-001-A-01 Addendum No. 1	03