



UNIDADE DE GESTÃO DE PROJECTOS ESPECIAIS

CABO VERDE RENEWABLE ENERGY AND IMPROVED UTILITY PERFORMANCE PROJECT

Av. Amílcar Cabral, Ex Edifício do BCV, 4º andar
PO Box 145, Plateau, Cidade da Praia, Cabo Verde
Telefones: (+238) 261 75 84 / 261 59 39
Fax: (+238) 261 59 39
www.governo.cv

CLARIFICATION # 14

Country: Cabo Verde

Name of Project: Renewable Energy and Improved Utility Performance Project

Contract Title: Request for Bidding - Procurement of Plant, Design, Supply, and Installation for Five (5) Energy Storage Systems in FOGO Island, SANTO ANTÃO Island, SÃO NICOLAU Island, MAIO Island and BRAVA Island Cabo Verde

Loan No IBRD-92980

RFB Reference No.: 016/REIUP/UGPE_2

QUESTION 69: *In order to ensure the integration of the energy storage main equipment with the Cape Verde power grid system, and to guarantee the stable operation of the equipment and data exchange, can the Employer provide the technical requirements for the Cape Verde grid access point and the technical requirements for the grid SCADA system?*

ANSWER N° 69: The design, supply, installation, and commissioning of the delivery point are included in the Scope of Work. Please refer to the Employer's requirements, For SCADA system, please refer to the Appendix 5 - EMS Specifications.

QUESTION 70: *The terms regarding payment are unclear. There are no specific conditions, timelines, or payment percentages. Could the Employer provide detailed payment terms, including timelines and payment percentages?*

ANSWER N° 70: Please refer to Section X – Contract Forms – Appendix 1. Terms and Procedures of Payment

QUESTION 71: *Our battery manufacturers are confused about the requirements of “Serviceability access details for BESS equipment” in the documents “Employer_Requirements_Appendix_Energy_Storage_System” section 5.1-INFORMATION TO BE SUPPLIED WITH THE PROPOSAL. Could you please give us further explanation?*

- Information on thermal management system and system behaviour upon partial or complete loss of cooling/heating.
- Information on the integrated fire suppression system.
- **Serviceability access details for BESS equipment.**
- BESS auxiliary power and energy requirements. Estimated auxiliary consumption during idling, charging, and discharging.



UNIDADE DE GESTÃO DE PROJECTOS ESPECIAIS

CABO VERDE RENEWABLE ENERGY AND IMPROVED UTILITY PERFORMANCE PROJECT

Av. Amílcar Cabral, Ex Edifício do BCV, 4º andar
PO Box 145, Plateau, Cidade da Praia, Cabo Verde
Telefones: (+238) 261 75 84 / 261 59 39
Fax: (+238) 261 59 39
www.governo.cv

ANSWER N° 71: The bidder shall provide information regarding the after-sales service, the availability period of the spare parts...Other details regarding the manufacturer services during the life cycle of the BESS will be evaluated.

QUESTION 72: *Our battery manufacturers are confused about the requirements “System Track Record and Reference” in the documents “Employer_Requirements_Scope_of_Work” section 17.1-BID INFORMATION. Could you please give us further explanation?*

- Rate of energy losses over time.
- System Track Record and References.
- Detailed cost breakdown.

ANSWER N° 72: Please refer to the ITB - Section III - Paragraphs 1.1 & 1.3 & 1.4

QUESTION 73: *Does the existing Electra SCADA system need to extract information from the BESS SCADA? If so, what information needs to be extracted and through what communication method?*

ANSWER N° 73: Please refer to the Appendix 5 - EMS Specifications, in particular paragraph 3.2.

Note that the BESS SCADA shall be able to communicate with both National Dispatch Center and Electra SCADA or similar monitoring system.

QUESTION 74: *If the BESS SCADA needs to extract information from the existing SCADA system of the thermal power plant, can Electra provide this information? Through what communication method will it be provided?*

ANSWER N° 74: . See Answer 73.

QUESTION 75: *Does the Employer have any specific requirements for the number of workstations for the BESS SCADA? Are there any specific requirements for the installation locations?*

ANSWER N° 75: Please refer to the Appendix 5 - EMS Specifications, in particular paragraphs 3 & 4.

June 01, 2024