

CENTRO DE COORDENAÇÃO INTEGRADA DE PROJETOS

CABO VERDE TECHNOLOGY PARK – PHASE II

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COUNTRY: CABO VERDE

PROJECT: Cabo Verde Technology Park (CVTP) – Phase II

Loan No. / Grant No.: 2000200005602

IFB Number: 036/CVTP-II/UGPE/2026

ASSIGNMENT TITLE: Supply, Installation of Facilities Equipment's and Training for the Technology Park – Phase II

Clarification # 2

Question 8 - *Monitor Dimensions* There is a discrepancy in the Bidding Documents regarding the monitor size:

- In the Schedule of Requirements – Item 13.1, the dimension indicated is 48".
- In the Technical Specification 3.1.18.2 – Visualization Modules (Monitors), the nominal dimension indicated is 55", with a combined bezel maximum of 3.6 mm. Could you please confirm the correct monitor dimension to be considered in the proposal: 48" or 55"?

Answer 8 - Please consider 48-inch monitors.

Question 9- *Video Wall Controller / Visualization Nodes* In Section 14 – Video Wall Controller, the following items are listed:

- 14.1 – Mission-Critical Visualization Node – 1 unit
- 14.2 – All-in-One 4K Visualization Node – 1 unit
- 14.3 – Software Maintenance Contract, 3 years, for VW2-Pro – 1 unit
- 14.4 – 3-Year Professional Software Maintenance & Support – 1 unit

Could you please confirm if all these items should be included and quoted in full within the proposal, specifically both Visualization Nodes and the respective 3-year software maintenance contracts?

Answer 9- Please refer to ITB 14.6, Section II – Bid Data Sheet (BDS) for the applicable requirements.

Question 10 - *Brand / Solution of the Video Wall Controller* The Bidding Documents reference the VW2-Pro, particularly in relation to the software maintenance contract, but the manufacturer/brand of the system is not explicitly identified. Could you please confirm whether the use of the VW2-Pro solution/brand is mandatory, or if an equivalent solution from another manufacturer/brand that fully meets the technical and functional requirements defined in the Bidding Documents will be accepted?

Answer 10- Please refer to ITB 16.5 – Section I, Instructions to Bidders, page 18.

Question 11 - *Building Generator* — Items 3.1 to 3.3

The Bill of Quantities identifies three items (Soundproofed Diesel Generator Set with Digital Control Panel, 400A Load Transfer Switchboard, and Remote Information Module), without Section VII.3 (Technical Specifications) developing a corresponding technical section.

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No.	Question	Answer
1	What is the minimum required power for the generator set (kVA/kW) and under what operating regime (Normal/Emergency)?	60/66 kVA
2	What is the minimum required autonomy (hours of operation with the fuel tank at 75%)?	16 Hours
3	Is there a maximum noise level requirement (in dB, at what reference distance), given that this is a "soundproofed" unit?	64 a 67 dB(A) a 7 meters (LWA ~92 dB)
4	Is the generator set intended to power the entire facility or only critical loads? Which loads should be considered?	The maximum rated capacity is 50 KVA
5	What technical standards and certifications are required for the engine/generator?	ISO 8528 ISO 3046 / BS 5514 NEMA MG1 / IEC 60034-1 2006/42/CE 2014/30/EU 2014/35/EU 2000/14/CE
6	Does the "400A Load Transfer Switchboard" (item 3.2) correspond to an ATS (Automatic Transfer Switch)? Is it bidirectional (grid/generator), and does it include interconnection with the building's UPS system?	Yes

Question 12 - Item 4.1 ("UPS 3000VA LCD RM 2U") and item 4.2 ("UPS Network Management Module") do not have detailed technical specifications in Section VII.3.

No.	Question	Answer
1	What topology is required for the UPS?	Double-conversion online
2	What is the minimum required autonomy, at full load and partial load?	Maximum Load (100%) ~ 2,400 W – 2,700 W – 5 minutes
3	What type of batteries and minimum service life are required?	VRLA / AGM 3 to 5 years
4	Which communication protocols must the network management module (item 4.2) support?	SNMP (v1, v2c e v3) HTTP / HTTPS SSH / Telnet Modbus TCP / BACnet IP

Question 13 - Item 6.1 ("UPS 3S 20kVA 400V"), item 6.2 (Network Management Module), and item 6.3 (Start-up Service) do not have a supporting technical section in Section VII.3.

No.	Question	Answer
1	What redundancy configuration is required for the UPS (N, N+1, or parallel)?	N
2	What is the minimum required autonomy at full load?	Maximum Load (100%) ~ 2700W - 3 minutes

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No.	Question	Answer
3	Does the "Start-up Service" (item 6.3) include commissioning, load testing, and operator training? What is the associated warranty period?	VRLA / AGM 3 to 5 years
4	Which panel/zone of the building is this UPS intended for (Q.Admin Basement, Q.Admin Floor 0, referred to in section 8 of the Bill of Quantities)?	Main Switchboard- level -1
5	Is compatibility or integration required with the UPS already installed in the Data Center, mentioned in the introduction to Section VII.3 (3.1.1)?	No integration

Question 14 - Medium Voltage Cells — Items 10.1 to 10.4

Items 10.1 to 10.4 (SF6 cell, metering cell, busbar sectionalizing cell, and protection cell) appear only in the Bill of Quantities, without technical specifications in Section VII.3.

No.	Question	Answer
1	What is the required nominal operating voltage for the cells (e.g., 15kV, 24kV)?	24 KV
2	What is the required nominal current?	630 A
3	What breaking capacity is required for the protection cell (item 10.4)?	16 KA/3s
4	Which applicable technical standards (e.g., IEC 62271 or equivalent) must be complied with?	IEC 60265-1, IEC 62271-102, IEC/UNE-EN 60265-1, EN 50181, IEC 61958,
5	Are these cells intended to replace, expand, or supplement an existing transformer substation? Is a single-line diagram available for reference?	It will be a new substation
6	Given that the scope is "supply only," who is responsible for the installation, connection, and energization of the cells — the awarded contractor or another entity (e.g., ELECTRA)?	It is the responsibility of Electra, which is the public utility provider.

CCIP, September 04, 2026