



**Ministério da Indústria,  
Comércio e Energia**

Direção Nacional de Indústria, Comércio e Energia



**Government of Republic of Cabo Verde**  
**Ministry of Industry, Commerce and Energy**  
**National Directorate of Industry, Commerce and  
Energy - Energy Service Direction**

**REQUEST FOR EXPRESSIONS OF INTEREST (REOI)**

Procurement Process for an  
Engineering, Procurement, Construction (Turnkey) Contract  
for a 10 MWac Solar Photovoltaic Power Plant

Palmarejo, Cidade da Praia, Santiago Island, Cabo Verde

**Project Identification: SPV-10MW-ST1R**



- 1 This Request for Expressions of Interest (“REOI”) constitutes the formal invitation to Applicants to submit their detailed Expression of Interest, duly filled and signed as a formal response to this REOI in order to be considered for the evaluation for qualification of Applicants to participate in the Procurement Process for an EPC for a 10 MWac Solar Photovoltaic Power Plant in Palmarejo, Cidade da Praia, Santiago Island, Cabo Verde (hereinafter referred to as: “10 MW or “Project”).
- 2 This REOI has been published on the **28<sup>th</sup> of October 2024**. Interested Applicants may submit responses no later than 17h00 on the **28<sup>th</sup> of November 2024**. All documents that compile the response to this REOI must be delivered to *Direção Nacional de Indústria, Comércio e Energia (DNICE)* by courier or by hand, in a sealed envelope at the following address:

*Ministério da Indústria, Comércio e Energia  
Direção Nacional de Indústria, Comércio e Energia  
Avenida Amílcar Cabral, nº 27, nº. 145,  
Cidade da Praia, Santiago, Cabo Verde*

*Attention: Rito Evora and Carlos Monteiro*

An electronic version of the REOI must be sent to the email [concursos.se@mice.gov.cv](mailto:concursos.se@mice.gov.cv) ( or through a download link (i.e. WeTransfer, Dropbox, Google Drive, OneDrive, and other similar platforms), if attachment exceeds 10MB.

All the respective REOI Documents shall be in portable document format (pdf). The REOI Documents will become the Property of the Contracting Authority.

- 3 Submitted responses to this REOI will be assessed in order to determine whether they are compliant responses. A compliant response is one that meets or exceeds the threshold requirement in respect of every applicable pre-qualification Criteria set out in this REOI. The Pre-Qualification Criteria are divided into the following categories:
  - 3.1 Mandatory: Failure to submit any of the documents as requested in the attached REOI for the participation in the Procurement Process will result in immediate disregard of the application.
  - 3.2 Expressions of Interest will only be considered by the Procurement Committee, in its sole discretion, if Applicants submitting the relevant Expressions of Interest have the necessary expertise, and relevant experience to carry out the Project that is the subject matter of the relevant response, and specifically if the Applicant satisfies the minimum requirements specified in the attached REOI.
- 4 The received Expressions of Interest to this REOI will be evaluated by the Procurement Committee and a final shortlist of pre-qualified Applicants that will be invited to submit a proposal will be published in accordance with the tentative tender timeline set out in Section 7 of this REOI.

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Rito Evora  
National Director of Industry, Commerce and Energy



## REQUEST FOR EXPRESSIONS OF INTEREST (REOI)

### The Republic of Cabo Verde

### Procurement Process for an Engineering, Procurement, Construction (Turnkey) Contract for a 10 MWac Solar Photovoltaic Power Plant in Palmarejo, Cidade da Praia, Santiago Island, Cabo Verde

#### 1 Introduction

- 1.1 Cabo Verde has developed in the scope of the Strategic Plan for Sustainable Development (“PDES”) a National Program for Sustainable Energy (“PNSE”) and a Power Sector Master Plan, for the period 2018-2040, setting as a target to achieve above 50% penetration of renewable energy by 2030.
- 1.2 To achieve the target for renewable energy generation, the Republic of Cabo Verde, herein represented by the Direção Nacional de Indústria, Comércio e Energia (DNICE) intends to launch an International Open Competitive Tender Process mobilizing Engineering, Procurement, Construction (EPC) sole or Joint Venture Contractors (“EPC Contractor”) to design, procure, construct, commission and operate for the two (2) first years, a 10 MWac Solar Photovoltaic Power Plant (the “**Project**”) in Palmarejo, Cidade da Praia, Santiago Island through a transparent competitive tender process (the “**Tender Process**”) under the Decree-Law nº 1/2011, January 3rd, with the changes introduced by Decree-Law nº 18/2014, March 10<sup>th</sup> and Decree-Law nº 54/2018, October 18<sup>th</sup>( <https://kb.wordpress.gov.cv/kb/decreto-lei-no-54-2018-terceira-alteracao-do-decreto-lei-no1-2011/> ).
- 1.3 This REOI has been released by DNICE and constitutes the formal invitation to Applicants to submit their Expressions of Interest interested in participating in the tender for the Project.

#### 2 Description of the Project

- 2.1 Project Site: the project site will be within the black marked area of Palmarejo shown in the Figure 1 below. Detailed coordinates of the Project site will be made available to the Applicants as part of the Request for Proposals (“RFP”).



Figure 1 - Area of Palmarejo Solar PV Plant, Cidade da Praia



- 2.2 Solar Conditions: As per Preliminary Study the global annual radiation at Palmarejo is expected to be 2000 kWh/m<sup>2</sup> with more than 4000 h of direct radiation. Monthly global radiation varies between 133 -160 kWh/m<sup>2</sup> in the months of September- February and 172-196 kWh/m<sup>2</sup> in the months of March- August.
- 2.3 Delivery Point: Details on the delivery point, its technical connection conditions as well as any specifications of the connections will be made available to the Applicants during the tendering stage. The delivery point will be at the Palmarejo Substation, operating at 20 kV. If necessary, the EPC Contractor will be responsible to design, supply, reinforce and commission all upgrades in the substation as part of the Project.
- 2.4 It is expected that the Project reaches commercial operation at the latest by August 2026.

### 3 Application Requirements

- 3.1 The Applicants may be single business entities, joint ventures or consortia or other combination of business entities.
- 3.2 The Applicant must have experience in EPC solar photovoltaic projects involving technology and capacity similar to those proposed to be constructed under this Project.
- 3.3 Each Applicant, or if the Applicant consists of more than one business entity, shall be a business entity duly organized under the laws of its country of origin.
- 3.4 An Applicant shall not have a conflict of interest. All Applicants found to have a conflict of interest shall be disqualified. Applicants may be considered to have a conflict of interest with one or more parties in this EOI and subsequent tender process, if they:
  - have controlling members in common; or
  - participate in more than one EOI in this tender process. Participation by an Applicant in more than one EOI will result in the disqualification of all EOIs in which the party is involved;
- 3.5 Other reasons for exclusion of an Applicant from pre-qualification to participate in the tender process for the Project are, if the Applicant (or a member of an Applicant)
  - it is bankrupt or being wound up, are having their affairs administered by the courts, have entered into an arrangement with creditors, have suspended business activities, are the subject of proceedings concerning those matters, or are in any analogous situation arising from a similar procedure provided for in national legislation or regulations;
  - it has been convicted of an offence concerning their professional conduct by a judgment which has the force of res judicata; (i.e. against which no appeal is possible)
  - it has been guilty of grave professional misconduct proven by any means which the Ministry of Industry, Commerce and Energy can justify;
  - it has been the subject of a judgment which has the force of res judicata for fraud, corruption, involvement in a criminal organization or any other illegal activity detrimental to Cabo Verde's financial interests.

### 4 Instructions to Applicant

- 4.1 This REOI is available on the following webpage: [www.energiasrenovaveis.cv](http://www.energiasrenovaveis.cv) and MICE Facebook page: <https://www.facebook.com/mice.cv/> It is compulsory to submit the EOI in accordance with the requirements of this REOI.
- 4.2 Potential Applicants are requested to register at DNICE, mailing their contact data to the E-Mail address set out in section 4.7.





The contact data shall include:

- Applicant Name and Contact Person
- Address
- Telephone number
- Fax number
- E-Mail Address

Procurement Committee will send any clarifications and addenda concerning the REOI to this contact. Applicant is required to confirm receipt of any E-Mail from DNICE immediately.

In case that an Applicant should change its contact details, the Applicant is required to inform the Procurement Committee about such change immediately. The Procurement Committee does not take any responsibility if any communication or clarification does not reach the Applicant due to a change in contact data.

- 4.3 Applicants may submit responses to this REOI no later than **17h00 on 28<sup>th</sup> November 2024** (the “**Deadline for Submission of EOI**”). Late submissions will not be considered for evaluation and remain unopened.
- 4.4 The EOI shall be submitted electronically and in hard copy to the address set out in section 4.6 as one (1) printed original, clearly marked “ORIGINAL” and one (1) copy, marked “COPY”.
- 4.5 Each of them shall be accompanied by electronic copies in form of one (1) USB stick. The electronic copies shall include exact copies of the written submission and indexed in the same manner as the written submission. In case of any discrepancy of the electronic copies and the printed original, the latter will prevail.
- 4.6 All documents that compile the Expression of Interest must be delivered to DNICE at the following address:

*Ministério da Indústria, Comércio e Energia  
Direção Nacional de Indústria, Comércio e Energia  
Avenida Amílcar Cabral, nº 27, nº. 145,  
Cidade da Praia, Santiago, Cabo Verde*

*Attention: Rito Evora and Carlos Monteiro*

- 4.7 Applicants are requested to read and review the REOI carefully. Should an Applicant require clarification on any aspect of the REOI, the Applicant should address its written enquiry to the following Email address:

[concursos.se@mice.gov.cv](mailto:concursos.se@mice.gov.cv)

The clarification requests should be submitted at the latest ten (10) days after the publication of the EOI.

The Procurement Committee will communicate any clarifications by electronic mail to the Applicants at the latest, ten (10) calendar days prior to the Deadline of Submission of EOI. No further responses to clarification requests will be given once the latest submission date for clarification requests has passed.

- 4.8 The documentation provided as Expression of Interest must be written in English or Portuguese, unless, by their very nature or origin, they are written in a different language, in which case the interested party must accompany them with a duly legalized translation.
- 4.9 Each Applicant shall bear all costs and expenses associated with the preparation of its Expression of Interest.
- 4.10 By submitting an Expression of Interest, each Applicant releases the Procurement Committee and its advisers, irrevocably, completely and unconditionally, from any and all liability for claims, losses, damages, costs, expenses or any other liabilities in any way related to, or arising from the review of, and associated decision-making process regarding, its eligibility and qualifications for the Project and acknowledges and agrees to the terms of this REOI.



## 5 Contents of the Expression of Interest

5.1 The EOI shall consist of the following sections:

Section of EOI	Contents of Section	REOI reference	REOI Form
Letter of Application	Letter of Expression of Interest with attached signed Mandatory Information	Section 5.2	Appendix A
Section 1	Executive Summary	Section 5.3	
Section 2	Applicant organizational information	Section 5.4	Appendix B REOI Forms 1, 2 and 3
Section 3	Eligibility and History Information	Section 5.5	See section 9.2
Section 4	Financial Information	Section 5.6	See section 9.3
Section 5	Technical Capability	Section 5.6	See section 9.4
Section 6	Technical Information	Section 5.9	Appendix E
Section 7	Other Information	Section 5.9	

5.2 **Letter of Application:** The Applicant (and in case of a joint venture or consortium, the lead member), shall duly complete and sign the Letter of Application in the form set out in Appendix A (Form of Letter of Application) to this REOI. The signatory shall be authorized by Power of Attorney from the Applicant. The Applicant shall attach to its Letter of Application the duly filled out and signed form of Mandatory Information. In case that the Applicant is a consortium or a joint venture, each member of the Applicant shall provide this Mandatory Information. Failure to complete and sign this form by the Applicant (or each member of the Applicant as case may be) will lead to disqualification.

5.3 **Executive Summary:** The Executive Summary shall provide a brief description of:

- Applicant's qualifications for the Project.
- Applicant's corporate structure and history.
- If the Applicant is a joint venture or consortium:
  - Identification of the lead member.
  - Identification of other members and level of participation.
- Technical capabilities and experience in EPC Projects.
- Other key points, which the Applicant wishes to emphasize with regard to the EOI.

The Summary shall not comprise more than 15 pages.

5.4 **Applicant Organizational Information:** This Section shall comprise the following:

- Applicant Information (EOI Form 1): The Applicant (and each of its members if applicable) shall submit the information as per EOI Form 1. This includes contact data to each member of the Applicant, as well as copies of company registration certificates and constitutional documents.
- Applicant Summary (EOI Form 2): If the Applicant is a joint venture or consortium, it shall submit the filled EOI Form 2 along with a Memorandum of Understanding or a draft joint venture or consortium agreement, signed by the duly authorized representatives of the joint venture or consortium members.
- Organizational Structure (EOI Form 3): In the organizational structure Section of the QD the Applicant shall provide:
  - A company profile, describing the Applicant and, if a joint venture or consortium, the company profiles of each member.



- A description and/or organizational chart of the organizational and corporate and ownership structure of the Applicant such as identity (including nationality) of intermediate shareholders, levels of shareholding and ultimate parent company, subsidiaries, as well as positions of directors, key personnel and their functions. In the case of a joint venture or consortium such information is required from each member.
- A copy of the Applicant's corporate deed (or certificate) of incorporation (or equivalent documentation from the Applicant's jurisdiction). In the case of a joint venture or consortium such copy is required from each member.
- Any other information relevant to the Applicant's organizational structure and capabilities that the Applicant believes would be helpful in assessing the eligibility of the Applicant for participation in the tender process for the Project.

5.5 **Eligibility and History Information:** In Section 3 of the EOI, the Applicant shall provide the following:

- Registration certificates or other information that confirm the eligibility of the Applicant regarding the artº 4 of the Memorandum of Understanding between “Ministerio das Finanças da Republica Portuguesa and the Ministerio das Finanças da Republica de Cabo Verde, Relativo à Comparticipação no Fundo Climatico e Ambiental de Cabo Verde that states that:

*“A comparticipação financeira da Republica Portuguesa no FCA tem por objetivos apoiar e promover o financiamento de projetos de investimento nos setores referenciados.....,a efetuar através de empresas portuguesas, de parcerias integradas por empresas portuguesas e, nomeadamente, cabo-verdianas, ou envolvendo a aquisição de bens e serviços de origem portuguesa”.*

- The Applicant, or in the case of a joint venture or consortium, each member, shall submit all proof that he meets the specified requirements in Table 1.

5.6 **Financial Information:** In Section 4 of the EOI the Applicant shall provide the following:

- Financial data as requested in EOI Forms 4 & 5 including:
  - Summary table in respect of financial performance data extracted from the financial statements in the format set out in EOI Form 4.
  - Summary table in respect of annual turnover in the format set out in EOI Form 5, and
  - if applicable and available, the Applicant may give details of it or its parent company's long-term unsecured credit rating (provided by Moody's, S&P, or Fitch).
- The Applicant, or in the case of a joint venture or consortium, each member, shall submit copies of audited financial statements (consolidated balance sheets, consolidated income statement and where available, consolidated cash flow statement including all related notes, and income statements) for the last 3 years.



- 5.7 **Technical Capability:** The Applicant is required to submit, under Section 5 of its Expression of Interest (EOI), detailed information for each of its members regarding all renewable energy projects, with particular emphasis on solar photovoltaic power projects, as specified in Forms 6, 7 and 8 of this Request for Expression of Interest (REOI). This submission may also include details of plants or projects that are currently under construction.
- 5.8 **Technical Information: In Section 5 of the EOI,** the Applicant shall provide a brief (non-binding) description of his approach to the project, and the area that he will require for the Project. The description should not exceed five pages.
- 5.9 **Other Information:** In Section 6 of the EOI Applicants are free to submit any other information they feel would be useful to the Procurement Committee in respect of its evaluation of their corporate structure, organizational, technical, human resources or financial capability and experience.

## 6 Evaluation of Expressions of Interest

- 6.1 Duly filled in and signed Letter of Expression of Interest: Applicant must duly fill up the Appendix A presented in this REOI and the same must be submitted along with all other relevant EOI documents as requested in Section 4 of this REOI. Not presenting the Letter of Expression of Interest or the incorrect filling of any part of the Appendix A will result in the disqualification of the Applicant.
- 6.2 Duly filled in and signed Attachment to the Letter of Expression of Interest (Mandatory Information) as per Appendix A to this REOI: Applicant must duly fill up the Mandatory Information presented in this REOI and the same must be submitted. Not presenting the Mandatory Information or the incorrect filling of any part of it will result in the disqualification of the Applicant.
- 6.3 Failure of the Applicant to provide any information requested under this REOI, including
- Executive Summary.
  - Applicant Organizational Information.
  - Applicant Financial Information
  - Applicant Technical Capability.
  - Applicant Technical Information
- will result in disqualification of the Applicant.
- 6.4 Failure to provide references in accordance with the Sections 5.6 and **Erro! A origem da referência não foi encontrada.** for at least will result in the disqualification of the Applicant.

## 7 Pre-Qualification and Tendering Time Schedule

- 7.1 The tentative timeline for the tender process for the Project commences with the publication of this REOI document:

Item	Description	Date
1	Release of REOI	28 <sup>th</sup> October 2024
2	Deadline for submission of clarification questions	10 days after Release of EOI (1)
3	Last response for clarification questions	10 days prior to Deadline (4)
4	Deadline for Submission of Expression of Interest	28 <sup>th</sup> November 2024
5	Information to Shortlisted Applicants (Applicants)	10 <sup>th</sup> December 2024
6	Release of Request for Proposals	13 <sup>th</sup> December 2024
7	Pre-Bid Meeting	To be announced in the RFP





8	Deadline for submission of clarification question	To be announced in the RFP
9	Last response for clarification questions	To be announced in the RFP
10	Final date of proposal submission	To be announced in the RFP

- 7.2 Once pre-qualified, the Applicants will be notified by email that they can collect the Request for Proposal documents from DNICE
- 7.3 Upon submission of their proposals, Applicants will be requested to submit a bid security of four hundred thousand euros (400 000 EUR) together with their proposal.

## 8 Disclaimer

- 8.1 The DNICE reserves the right to amend, modify or withdraw this REOI or any part of it, or to terminate or amend any of the procedures, procurement processes or requirements detailed in this Request for Expression of Interest during the conduct of the Procurement Program, at any time, without prior notice and without liability to compensate or reimburse any person pursuant to such amendment, modification, withdrawal or termination.

## 9 Prequalification Criteria and Requirements

- 9.1 This part contains all the methods, criteria, and requirements that the Procurement Committee shall use to evaluate Applications. The information to be provided in relation to each requirement and the definitions of the corresponding terms are included in the respective Application Forms.

## 9.2 Table 1 – Qualification Criteria and Requirements

Only applicants that are substantially responsive to the qualification criteria and requirements in Table 1 are to be assessed against Tables 2.1 et 2.2, Rated Criteria and Requirements.

### 1. Eligibility

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	Leader	Submission Requirements
1	Nationality	Nationality in accordance with the Section 5.5	Must meet requirement	N/A	N/A	Must meet requirement	FORM EOI 1 with attachments
2	Conflict of Interest	No conflicts of interest	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
3	Bank Eligibility	Not having been declared ineligible by Lenders such as WB, AfDB, BEI...	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
4	State-owned enterprise or institution of the Borrower country	Legally and financially autonomous Operates under commercial law	Must meet requirement	N/A	Must meet requirement	N/A	FORM EOI 1 with attachments
5	United Nations resolution or Borrower's country law	Not having been excluded as a result of prohibition in the Borrower's country laws or official regulations against commercial relations with the Applicant's country, or by an act of compliance with UN Security Council resolution.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter

2. Historical Contract Non-Performance since 1<sup>st</sup> January 2017

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	Leader	Submission Requirements
1	History of Non-Performing Contracts	Non-performance of a contract <sup>1</sup> did not occur as a result of contractor's default	Must meet requirement <sup>1</sup>	Must meet requirements	Must meet requirement <sup>2</sup>	N/A	FORM EOI 9
2	Suspension Based on Execution of Bid or Proposal Securing Declaration	Not under suspension based on execution of Bid or Proposal Securing Declaration	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Application Submission Letter
3	Pending Litigation	Applicant's financial position and prospective long-term profitability still sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Applicant	Must meet requirement	Must meet requirement	Must meet requirement	N/A	FORM EOI 9
4	Litigation History	No consistent history of court/arbitral award decisions against the Applicant <sup>3</sup>	Must meet requirement	Must meet requirement	Must meet requirement	N/A	FORM EOI 9
5	Declaration: Environmental and Social (ES) past performance	Declare any contracts that have been suspended or terminated or performance security called by an employer for reasons related to the non-compliance of any environmental, social, or Sexual Exploitation and Abuse contractual obligations. <sup>4</sup>	Must make a declaration including all expected subcontractors	N/A	Each must make a declaration. including all expected subcontractors.	N/A	FORM EOI 10 Performance Declaration

<sup>1</sup> Nonperformance shall include all contracts where (a) nonperformance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Nonperformance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Nonperformance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the applicant have been exhausted.

<sup>2</sup> This requirement also applies to contracts executed by the Applicant as JV member.

<sup>3</sup> The Applicant shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Applicant or any member of a joint venture may result in rejection of the Application.

<sup>4</sup> The Employer may use this information to seek further information or clarifications during the request for proposal stage and the associated due diligence.

9.3 Table 2.1: Financial Situation and Performance

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	Leader	Submission Requirements
1	Financial Capabilities	(i) The Applicant shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means sufficient to meet the cash flow requirements estimated as <i>4,000,000 euros</i> for the subject contract(s) net of the Applicants' other commitments.	Must meet requirement	Must meet requirement	N/A	N/A	FORM EOI 4 with attachments
		(ii) The Applicant shall also demonstrate, that it has adequate sources of finance to meet the cash flow requirements on contracts currently in progress and for future contract commitments.	Must meet requirement	Must meet requirement	N/A	N/A	
		(iii) The audited balance sheets or, if not required by the laws of the Applicant's country, other financial statements acceptable to the Employer, for the last <i>three (3)</i> years shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability.	Must meet requirement	N/A	Must meet requirement	N/A	
2	Average Annual Turnover	Minimum average annual construction turnover of <i>5,000,000 euros</i> , calculated as total certified payments received for contracts in progress and/or completed within the last <i>three (3)</i> years, divided by <i>three (3)</i> years.	Must meet requirement	Must meet requirement	N/A	Must meet minimum 75%	FORM EOI 5



9.4 Table 2.2: Experiences

Criteria			Single Entity Requirements	Joint Venture Requirements			Documentation
No.	Subject	Requirement		All Members Combined	Each Member	Leader	Submission Requirements
1	General Construction Experience	Experience under construction contracts in the role of prime contractor, JV member, or management contractor for at least the last five (8) years, starting January 1, 2017.	Must meet requirement	N/A	Must meet requirement	N/A	FORM EOI 6
2 (a)	Specific Experience	<p>A minimum number of three (3) similar contracts specified below that have been satisfactorily and substantially<sup>5</sup> completed as a prime contractor, joint venture member<sup>6</sup>, management contractor or subcontractor between January 1, 2017 and Application submission deadline:</p> <p>Three (3) contracts, each of the minimum value 5,000,000 US\$.</p> <p>A minimum design experience, in at least three (3) contracts for a minimum power of five (5) MWp including at least one (1) for a minimum power of ten (10) MWp shall be demonstrated.</p>	Must meet requirement	Must meet requirement <sup>7</sup>	N/A	N/A	FORM EOI 7

<sup>5</sup> Substantial completion shall be based on 80% or more of the contract completed.

<sup>6</sup> For contracts under which the Applicant participated as a joint venture member or sub-contractor, only the Applicant's role and responsibilities shall be considered to meet this requirement.

<sup>7</sup> In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by a member contributing to meeting the requirement shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by members, each of value equal or more than the minimum value required, shall be aggregated.

2 (b)	Specific Experience in Managing ES aspects	For the contracts in 2 (a) above and/or any other contracts [substantially completed and under implementation] as prime contractor, joint venture member, or Subcontractor between January 1, 2017, and Application submission deadline, experience in managing ES risks and impacts	Must meet requirement	Must meet requirement	N/A	N/A	FORM EOI 8
2 (c)	Specific Experience in Solar PV Plant	Participation as a prime contractor or member of a joint venture, since January 1, 2017, in two (2) contracts for the design, supply and connection of modules, inverters, transformers, structures, electrical system components for a minimum power of five (5) MWp.	Must meet requirement	N/A	N/A	Must meet requirement	FORM EOI 8
2 (d)	Specific experience in construction of MV/LV power system	Participation as a prime contractor, member of a joint venture, or subcontractor, since January 1st, 2017, in three (3) contracts for the design, supply and construction and commissioning of MV substations of Um $\geq$ 20 kV, including at least one reference with connection to an existing MV system.	Must meet requirement	Must meet requirement	N/A		FORM EOI 8
2 (e)	Specific Experience in Design-Build or EPC	Participation as prime contractor or member of a joint venture, since January 1st, 2019, in two (2) Design-Build or EPC (Engineering, Procurement & Construction) work contracts with a duration of more than one (1) year, in an amount exceeding five million (5,000,000.00) EUR.	Must meet requirement	N/A	N/A	Must meet requirement	FORM EOI 8

2 (f)	Specific Experience in Sub-Saharan Africa	Participation as a prime contractor, consortium member, or subcontractor, since January 1st, 2017, in at least two (2) contracts for the construction of power plants in Sub-Saharan Africa.	Must meet requirement	Must meet requirement	N/A	N/A	FORM EO1 8
2 (g)	Specific Experience on island environment	Participation as a prime contractor, consortium member, or subcontractor, since January 1st, 2017, in at least one (1) contract for the construction of a power plant on an island.	Preferred requirement	Preferred requirement	N/A	N/A	FORM EO1 8
2 (h)	Specific Experience in Operation	Participation as a prime contractor, consortium member, or subcontractor, since January 1st, 2019, in at least one (1) contract for the operation of Solar PV plant.	Must meet requirement	Must meet requirement	N/A	N/A	FORM EO1 8
<i>[Note: Other specific experience e.g. in operation may be specified as necessary]</i>							

## Appendix A Form of Letter of Expression of Interest

[Letterhead of the Applicant or partner responsible for leading a consortium, including registration number, full postal address, telephone, fax, and e-mail addresses]

Date: [•]

Procurement Committee

*Ministério da Indústria, Comércio e Energia  
Direção Nacional de Indústria, Comércio e Energia  
Avenida Amílcar Cabral, nº 27, nº. 145,  
Cidade da Praia, Santiago, Cabo Verde*

*Attention: Rito Evora and Carlos Monteiro*

FOR: EPC Contract for a 10 MWac Solar Photovoltaic Power Plant in Palmarejo, Santiago Island, Cabo Verde.

Dear Sirs,

- (1) Being duly authorized to represent and act on behalf of **[insert name of Applicant]** (“the Applicant”) and having reviewed and fully understood the Request for Expressions of Interest and all documentation pertaining to the Procurement Program, the undersign hereby apply to qualify Applicant under the Procurement Program.
- (2) The Procurement Committee and or its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents, and information submitted in connection with this Expression of Interest and seek clarification from third parties (including banks) regarding any financial and technical aspects. This letter will also serve as authorization to any individual or authorized representative of any institution, to provide such information deemed necessary to verify statement and information provided in this application, or with regard to the resources, experience and competence of the Applicant.
- (3) This Expression of Interest is made under the full understanding that DNICE reserves the right to
  - amend the scope and requirements of any contracts under this Project, in which event, tenders will only be invited from pre-qualified Applicants, who meet the revised requirements.
  - reject or accept any Expression of Interest, or cancel this pre-qualification process, and reject all Expressions of Interest.  
DNICE and the Procurement Committee shall not be liable for any such actions and shall be under no obligation to inform the Applicant on the grounds for such action.
- (4) We hereby declare that the responses to the Mandatory Information attached to this Letter of Expression of Interest has been duly completed and signed by the Applicant (or in case that the Applicant is a consortium or joint venture, by each member of the Applicant).
- (5) All correspondence in relation to this Expression of Interest is to be addressed to:

Name:

Address:

Phone and Fax Number:

E-mail Address:

Signed: \_\_\_\_\_

Name: \_\_\_\_\_

For and on behalf of [name of Applicant of Lead Member of the consortium]

Attachment: Mandatory Information



Attachment to the Letter of Expression of Interest

MANDATORY INFORMATION

1. Disclosure

1.1 Please state if any Member or any individual who is director, officer, employee or shareholder of any Member is related, in any manner, to any employee of the National Directorate of Industry, Commerce and Energy (DNICE) or any other member of the Procurement Committee comprised of the Ministry of Industry, Commerce and Energy, the Concessionaire for Transmission and Distribution Grid, Multisectoral Regulatory Agency of the Economy (ARME) or any other Government official or person directly involved in this Procurement Process , who may be involved with the evaluation of the Bid Responses. **Y / N**

If so, state particulars:

.....  
.....  
.....  
.....  
.....

1.2 Please state if any Member or any individual who is a director, officer, employee or shareholder of any Member is related, in any manner, to any Government official or person with the ability to influence the decision of the Procurement Committee with respect to the appointment of the Preferred Applicant. **Y / N**

If so, state particulars:

.....  
.....  
.....  
.....

1.3 Please state if any national public entity, or a provincial public entity or a person employed by a national public entity, or a provincial public entity is a Contractor of or is participating as a Member of the Applicant. **Y / N**

If so, state particulars:

.....  
.....  
.....  
.....  
.....

2. Statements

By this statement, we confirm that [INSERT COMPANY NAME]. is not found in any of the following situations:

- a) it is bankrupt, subject to insolvency or winding-up procedures, where its assets are being administered by a liquidator or by a court, where it is in an arrangement with creditors, where its business activities are suspended, or where it is in any analogous situation arising from a similar procedure provided for under national laws or regulations.
  
- b) it has been established by a final judgment or a final administrative decision that the economic operator is in breach of its obligations relating to the payment of taxes or social security contributions in accordance with the law of the country in which it is established,

with those of the country in which the contracting authority is located or those of the country of the performance of the contract.

- c) it has been established by a final judgment or a final administrative decision that the economic operator is guilty of grave professional misconduct by having violated applicable laws or regulations or ethical standards of the profession to which the economic operator belongs, or by having engaged in any wrongful conduct which has an impact on its professional credibility where such conduct denotes a wrongful intent or gross negligence, including, in particular, any of the following:
  - (i) fraudulently or negligently misrepresenting information required for the verification of the absence of grounds for exclusion or the fulfilment of selection criteria or in the performance of a contract.
  - (ii) entering into agreement with other economic operators with the aim of distorting competition.
  - (iii) violating intellectual property rights.
  - (iv) attempting to influence the decision-making process of the contracting authority during the procurement procedure.
  - (v) attempting to obtain confidential information that may confer upon it undue advantages in the procurement procedure.
- d) it has been established by a final judgment that the economic operator is guilty of any of the following:
  - (i) fraud.
  - (ii) corruption, as defined in the law of the country where the contracting authority is located, the country in which the economic operator is established or the country of the performance of the contract.
  - (iii) participation in a criminal organisation.
  - (iv) money laundering or terrorist financing.
  - (v) terrorist-related offences or offences linked to terrorist activities, or inciting or aiding or abetting or attempting to commit such offences.
  - (vi) child labor or other forms of trafficking in human beings.
- e) the economic operator has shown significant deficiencies in complying with main obligations in the performance of a contract financed by the *[INSERT INSTITUTION]*, which has led to its early termination or to the application of liquidated damages or other contractual penalties or which has been discovered following checks, audits or investigations by an authorizing officer.
- f) we, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by any development bank. Further, we are not ineligible under the Employer's country laws or official regulations or pursuant to a decision of the United Nations Security Council.

3. Declaration

I, the undersigned

(name) \_\_\_\_\_

certify that the information furnished in the paragraphs above is true and correct. I accept that the procurement committee may disqualify my bid response in response to the RFQ and RFP.

Signature \_\_\_\_\_

Date \_\_\_\_\_

Position \_\_\_\_\_

Name of Member \_\_\_\_\_

Name of Applicant \_\_\_\_\_

**APPENDIX B                      APPLICANT ORGANIZATIONAL INFORMATION**

**EOI FORM 1:                      APPLICANT INFORMATION**

Name of Applicant [or member of a joint venture or consortium], to whom this form applies
---

**Applicant information**

All Single Entity firms and each member of a Consortium/Joint Venture applying for pre-qualification are required to complete the information in this form, on separate forms.

1.	Name of Entity	
2.	Head office address	
3.	Telephone	Contact
4.	<i>Fax</i>	<i>E-Mail</i>
5.	<i>Place of incorporation / registration</i>	<i>Year of incorporation / registration</i>
6.	<i>Organizational structure, including shareholder and grouping structure and parent/holding company structure if applicable (Applicants shall use separate sheets to provide this information including comprehensive organization charts including legal entity names and relations)</i>	

The form shall be accompanied by copies of the deed or certificate of incorporation and the constituted documents, of the Applicant [each joint venture or consortium member].



**EOI FORM 2****APPLICANT SUMMARY**

Name of Applicant
-------------------

**Applicant Summary**

Names of all members of joint venture or consortium	Name	Part of Activities in the Project
1. [Leader]		
2. [Member]		
3. [Member]		
4. [Member]		

In case of joint venture or consortium the form shall be accompanied by a memorandum of understanding or joint venture or consortium agreement of the members determining the leader, activities of each member, etc. and being signed by the member's duly authorized representatives.

Name of APPLICANT [or member of a joint venture or consortium], to whom this form applies
---

**Organizational Information**

The following information shall be provided for the Applicant and for each member of a joint venture or consortium on a separate form.

Please attach:

- Company profiles of the Applicant [or member of a joint venture or consortium]
- A description and / or organizational chart of the organizational and corporate and ownership structure(s) of the Applicant [or member of a joint venture or consortium] showing the parent companies, subsidiaries, as well as positions of directors, key personnel and their functions.
- [In case of a joint venture or consortium an organization chart of the foreseen joint venture or consortium showing the members, their foreseen tasks and their shares, role and responsibilities.]
- A photocopy of the corporate deed (or certificate) of incorporation (or equivalent documentation of the Applicant [or member of a joint venture or consortium]) detailing full name, date of incorporation and company registration status.
- Any other information deemed necessary by the Applicant.

**APPENDIX C FINANCIAL INFORMATION****EOI FORM 4 FINANCIAL DATA**

Name of Applicant to whom this form applies
---

**Financial data**

The following table shall be filled in for the Applicant and for each member of a joint venture or consortium.

Type of Financial information in Euros	Historic information for previous _ <i>[insert number]</i> years, <i>[insert in words]</i> (amount in currency, currency, exchange rate*)				
	Year 1	Year 2	Year 3	Year4	Year 5
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

\* Exchange rate on .....

### Sources of Finance

The following table shall be filled in for the Applicant and all parties combined in case of a Joint Venture.

Specify sources of finance to meet the cash flow requirements on contracts currently in progress and for future contract commitments.

No.	Source of finance	Amount (euros equivalent)
1		
2		
3		

### Financial documents

The Applicant and its parties shall provide copies of financial statements for [number] years pursuant Section 9.3. The financial statements shall:

- (a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
  - (b) be independently audited or certified in accordance with local legislation.
  - (c) be complete, including all notes to the financial statements.
  - (d) correspond to accounting periods already completed and audited.
- Attached are copies of financial statements<sup>1</sup> for the [number] years required above; and complying with the requirements

---

<sup>1</sup> If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

**EOI FORM 5****ANNUAL TUNROVER**

Name of Applicant to whom this form applies
---

**Annual Turnover**

The following table shall be filled in for the Applicant and for each member of a joint venture or consortium.

Annual Construction Turnover Data			
Year	Amount Currency	Exchange rate*	Euros equivalent**
<i>[indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>		
		Average Annual Construction Turnover **	

\* Exchange rate on .....

\*\* Total Euros equivalent for all years divided by the total number of years.

**APPENDIX D                    TECHNICAL INFORMATION**  
**EOI FORM 6                    GENERAL EXPERIENCE**

<p>Name of Applicant to whom this form applies</p>   <p>Name of the member (in case of JV Applicant)</p>
---

**General Experience**

The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member

ID	Starting Year	Ending Year	Contract Identification	Role of Applicant
1	<i>[indicate year]</i>	<i>[indicate year]</i>	Contract name: <i>[insert full name]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and EUR equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i>
2	<i>[indicate year]</i>	<i>[indicate year]</i>	Contract name: <i>[insert full name]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and EUR equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i>
3	<i>[indicate year]</i>	<i>[indicate year]</i>	Contract name: <i>[insert full name]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and EUR equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[insert "Prime Contractor" or "JV Member" or "Sub-contractor" or "Management Contractor"]</i>

\* Exchange rate on .....



**EOI FORM 7**

**SPECIFIC EXPERIENCES TO BE USED FOR CRITERIA 2 (A)**

Name of Applicant to whom this form applies
Name of the member (in case of JV Applicant)

**Project Details**

The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member.

The table shall be filled in for each reference project on a separate form. Wherever possible the Applicant shall provide References for the Project from the Project Owner.

<b>Similar Contract No.</b> <i>[insert number] of [insert number of similar contracts required]</i>	<b>Information</b>			
Contract Identification	<i>[insert contract name and number, if applicable]</i>			
Award date	<i>[insert day, month, year, e.g., 15 June 2015]</i>			
Completion date	<i>[insert day, month, year, e.g., 03 October 2017]</i>			
Role in Contract <i>[check the appropriate box]</i>	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Sub-contractor <input type="checkbox"/>
Total Contract Amount	<i>[insert total contract amount in local currency]</i>		EUR <i>[insert Exchange rate and total contract amount in EUR equivalent] *</i>	
If member in a JV or sub-contractor, specify share in value in total Contract amount and roles and responsibilities	<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in EUR equivalent] *</i>	
	<b><i>[insert roles and responsibilities]</i></b>			

Description of the similarity	
Physical size of required contracts items	<i>[insert physical size of items]</i>
Complexity	<i>[insert description of complexity]</i>
Methods/Technology	<i>[insert specific aspects of the methods/technology involved in the contract]</i>
Other Characteristics	<i>[insert other characteristics as described in Section VII, Scope of Employer's Requirements]</i>
Employer's Name:	<i>[insert full name]</i>
Address:	<i>[indicate street / number / town or city / country]</i>
Telephone/fax number	<i>[insert telephone/fax numbers, including country and city area codes]</i>
E-mail:	<i>[insert e-mail address, if available]</i>

\* Exchange rate on .....

**EOI FORM 8**

**SPECIFIC EXPERIENCES (TO BE USED FOR CRITERIA 2 (B) TO 2 (H))**

Name of Applicant to whom this form applies
Name of the member (in case of JV Applicant)

**Specific Experience**

The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member Key Requirement no 1 in accordance with 2 (Insert INDEX (b) to (h)): \_\_\_\_\_

Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor <input type="checkbox"/>	Member in JV <input type="checkbox"/>	Management Contractor <input type="checkbox"/>	Subcontractor <input type="checkbox"/>
Total Contract Amount				EUR [ <i>insert Exchange rate and total contract amount in EUR equivalent</i> ] *
Details of relevant experience				

Key Requirement no 2 in accordance with 2 (Insert INDEX (b) to (h)): \_\_\_\_\_

Key Requirement no 3 accordance with 2 (Insert INDEX (b) to (h)): \_\_\_\_\_

\* Exchange rate on ....

...

**APPENDIX E                    TECHNICAL INFORMATION**

- (1) CONTRACT / PROJECT MANAGEMENT CAPABILITY (2 PAGES).**
- (2) UNDERSTANDING OF THE EMPLOYER'S REQUIREMENTS (2 PAGES).**
- (3) SUSTAINABLE PROCUREMENT (1 PAGE).**

**APPENDIX F**

**HISTORICAL CONTRACT NON-PERFORMANCE SINCE 1ST JANUARY 2017**

**FORM EO19  
LITIGATION HISTORY**

**HISTORICAL CONTRACT NON-PERFORMANCE, PENDING LITIGATION AND**

Name of Applicant to whom this form applies

Name of the member (in case of JV Applicant)

The following tables shall be filled in for the Applicant and in the case of a JV Applicant, each Member.

Non-Performed Contracts			
<input type="checkbox"/> Contract non-performance did not occur since 1 <sup>st</sup> January <i>[insert year]</i> .			
<input type="checkbox"/> Contract(s) not performed since 1 <sup>st</sup> January <i>[insert year]</i> as indicated below.			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and Euros equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

Pending Litigation			
<input type="checkbox"/> No pending litigation			
<input type="checkbox"/> Pending litigation as indicated below.			
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), Euros Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Status of dispute:	<i>[insert amount]</i>

Litigation History			
<input type="checkbox"/> No Litigation History <input type="checkbox"/> Litigation History as indicated below.			
Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (currency), Euros Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: <i>[indicate complete contract name, number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Employer" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>

Name of Applicant to whom this form applies

Name of the member (in case of JV Applicant)

The following table shall be filled in for the Applicant, each member of a Joint Venture and each Subcontractor.

<b>Environmental and Social Performance Declaration</b>			
<input type="checkbox"/> <b>No suspension or termination of contract:</b> An employer has not suspended or terminated a contract and/or called the performance security for a contract for reasons related to Environmental and Social (ES) performance.			
<input type="checkbox"/> <b>Declaration of suspension or termination of contract:</b> The following contract(s) has/have been suspended or terminated and/or Performance Security called by an employer(s) for reasons related to Environmental and Social (ES) performance. Details are described below:			
Year	Terminated contract or Suspended portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and Euros equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s) e.g. gender-based violence; sexual exploitation or sexual abuse breaches]</i>	<i>[insert amount]</i>
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for suspension or termination: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
...	...	<i>[list all applicable contracts]</i>	...

Performance Security called by an employer(s) for reasons related to ES performance		
Year	Contract Identification	Total Contract Amount (current value, currency, exchange rate and Euros equivalent)
<i>[insert year]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i> Reason(s) for calling of performance security: <i>[indicate main reason(s) e.g. gender-based violence; sexual exploitation or sexual abuse breaches]</i>	<i>[insert amount]</i>





## SCOPE OF EMPLOYER'S REQUIREMENTS

### 1. Description of the Works (EPC/Turnkey)

#### 1.1 Introduction

The Government of Cabo Verde (GoCV) has an ambitious plan to diversify its energy mix to provide clean, reliable, and affordable electricity supply to its population, while mobilizing private sector investments as much as possible. There are, however, a number of challenges, including: the lack of scale of power generation facilities due to the small nature of the islands composing the archipelago; the need for grid extensions and reinforcement as well as storage capacity to integrate into the system the power generated from variable renewable energy facilities; the institutional barriers to scaling up distributed generation; the limited capacity of the GoCV to procure new renewable energy IPPs; and the poor financial standing and performance of the utility company, as offtaker of the future IPPs.

Concerning the energy sector, a National Program for Sustainable Energy (PNSE) was launched within the framework of the country's Strategic Plan for Sustainable Development (PEDS 2017-2021). The PNSE aims to support a secure, efficient, and sustainable energy sector, reducing the country's dependence on imported refined fossil fuels while ensuring universal access and energy security.

Cabo Verde is committed to the global agenda of combating climate change by ratifying the Paris Agreement and submitting its National Determined Contribution –NDC, with a long-term strategy towards an energy transition. The commitments in the NDC are echoed in their recently approved Electricity Sector Master Plan (2018-2040).

The Electricity Sector Master Plan 2018-2040, elects the following least-cost targets:

- Achieve 30 % of electricity production from RE sources by 2025, per the mandatory commitment made by Cabo Verde at the Conference of the Parties of Paris (COP21).
- To exceed 50 % of electricity production from renewable energy sources by 2030, up to the percentage of integration that minimizes the costs of electricity production.
- Maintain the focus on wind energy and start an ambitious program of solar energy development.
- Promote the development of storage solutions (BESS and others).
- Maintain the focus on promoting Energy Efficiency (EE) and combating energy losses, as key vectors for reducing energy costs.

The project owner is the Ministry of Industry, Trade and Energy through the National Directorate of Industry, Trade and Energy (Energy Services) (hereinafter DNICE).

Project management and activities are coordinated and implemented by DNICE.

DNICE will be supported by a dedicated team, which itself is supported by the services of an Owner's Engineer, as Employer's Representative, for the control and supervision of the works to be implemented during the project .

#### 1.2 Outline description of the Works

The Palmarejo Solar Photovoltaic Power Plant (SPV-Palmarejo) was inaugurated on November 1, 2010, with an installed capacity of 4.4 MWp, covering an area of approximately 10 hectares.

After 14 years of operation, the Government of Cape Verde (GovCV) has initiated a process to mobilize a specialized company for the Re-Powering of the solar park. This effort aims to increase the contribution of renewable energy sources to the national grid, mitigating the impact of rising petroleum product prices on electricity tariffs.

The Re-Powering process seeks to boost the current installed capacity from 4.4 MWp to 10 MWp by systematically replacing the existing solar panels with higher-capacity, more efficient ones. Additionally, inverters will also be replaced

The project will prioritize the use of existing infrastructure and the available space at the site. If the current interconnection grid between the future solar plant and the interconnection point at the Palmarejo Substation, operating at 20 kV, lacks sufficient capacity, it will need to be reinforced.



The Re-Powering of the Palmarejo Solar Power Plant aligns with Cape Verde's National Program for Energy Sustainability (PNSE), which emphasizes the transition towards a sustainable, secure, and efficient energy sector. By increasing renewable energy capacity and optimizing infrastructure, this project contributes directly to the national goals of reducing fossil fuel dependence, increasing the share of renewable energy in electricity production, and ensuring universal access to modern energy.

The EPC contract will be a turnkey project for the construction of a new photovoltaic solar power plant with all PV modules, inverters, cabling control, protection, safety, SCADA, synchronizing auxiliary equipment and ground mounted structures.

### 1.3 Functional and Performance Requirements

The Contractor will determine all plant and material sizes and quantities and price accordingly for a fully functional PV plant, in accordance with the Owner's Requirements, applicable National and International standards.

No geotechnical survey and soil data are available for the site. Geotechnical surveys must be realized by the Contractor.

The Works to be completed, apart from the general requirements of the Contractor and all other tasks required to commission and maintain a working Solar Plant, shall include the following:

#### Decommissioning of the 4.4 MWp-Existing Solar PV Plant

##### Civil Works:

- Clearing.
- Levelling.
- Foundations.
- Support structures.
- Trenching.

##### Major Equipment:

- Photovoltaic modules.
- Inverters.
- Transformers

##### Electrical System:

- DC Reticulation.
- Cables.
- Ducting / trays.
- Connection of modules in strings.
- Connection of strings to combiner boxes or directly to inverter (as appropriate).
- Medium and Low Voltage AC Cables.
- Ducting / trays /trenches.
- Switchboard.
- Protection devices.
- Connection inverters to switchboard.
- Connection of switchboard to transformer.
- Combiner boxes (if appropriate).
- Lightning protection & Earthing.
- Meteorological Station.
- Monitoring and communication system.
- Sensors.
- Cabling.
- Modem.
- UPS.
- Meter.

Connection to the grid (to be advised):

The Contractor will be responsible for the Security at the site during the Construction phase of the works.



The Contractor will be responsible for a training program for DNICE staff and the future company's staff responsible for the management and operation. This shall entail the day-to-day operation and maintenance of the PV plants. The training provided should be structured such that it equips the local staff with the necessary skills and knowledge to successfully take over the Design, Construction, Commissioning, and Operation and Maintenance of the Solar PV systems at the end of the EPC contract.

#### 1.4 Commissioning and Trial Operation Requirements

The average Performance Ratio of the PV plant measured or calculated on an annual basis shall be at least 85 %. This is a pre-qualifying requirement, and Applicants shall ensure that the PR obtained on their design simulation report complies with this requirement.

#### **The Applicant shall provide a preliminary yield assessment.**

#### 1.5 Testing and Quality Assurance Requirement

The Applicant shall submit a Quality Assurance Plan (QAP).

This need not be an ISO 9001 compliant plan, but such certification shall be deemed favorable.

The QAP shall detail as a minimum:

- Management philosophy and structure of the business.
- Supply chain management.
- Subcontractor management philosophy (indicating split of in-house and subcontracting).
- Quality of materials and equipment management.
- Staff training and development philosophy.
- Project quality standards.
- Ethics.

For the purposes of Prequalification, **the Applicant shall submit a high-level overview of their QAP.**

#### 2. Implementation Period

The prequalification process is expected to run from **10/28/2024 until 12/10/2024.**

Parties successful in the prequalification process will be given the full technical specification for the project and shall have a period of forty-five (45) days to submit their bids.

A selection process will commence with the prequalified bidders nominated by 12/13/2024.

It is anticipated that construction may commence by August 2025, with commissioning expected by June 2026.

#### 3. Sites and Other Data

The Solar PV plant will be implanted in Palmarejo, Santiago Island (area of the existing 4.4 MWp-Solar PV).

#### 3.1 General climatic conditions at Cabo Verde

The Works shall be suitable to withstand the climatic conditions existing at the sites, and due consideration shall be given to these conditions in determining the construction program.

The following local conditions shall be assumed:

- Air temperature
  - min 18°C.
  - max 33 °C.
- Relative humidity
  - min 61 %.
  - max 78 %.
- Atmospheric pressure at the sea level: 1012 hPa.
- Dominant winds:
  - October – July North - East (30 °).
  - August – September South – East (150°).
  - non-typhoon area.
  - maximum wind gusts: 25 m/s.



Season precipitations of rain (annual average): 100 to 250 mm

- Other characteristics:
  - Tropical climate.
  - Dusty and saline air (volcanic rock dust, sand).
  - Site altitude: 30 m,

Plants and equipment shall be provided that will be able to withstand the effects of prolonged high ambient temperature, humidity, sandstorms (Harmattan from Sahara Desert) and salinity.

### 3.2 Electrical characteristics at Cape Verde

Each Solar PV plant shall supply a 50 Hz three-phase, three-wire electrical system:

- In normal conditions:
  - Rated frequency 50 Hz  $\pm$  1%
  - Rated voltage MV 20 kV  $\pm$  5%
  - Rated voltage LV 400/230 V  $\pm$  5%
- In exceptional conditions:
  - variations of frequency - 1 Hz + 1 Hz
  - variations of voltage MV -15 % + 5 %
- 20 kV Network MV Neutral System

The contractor shall design the solar PV plants and power lines in accordance with the Grid Code in force in Cabo Verde.

### 4. Environmental and Social (ES) Requirement

A full Environmental and Social Impact Study is not expected to be required, as the project will be installed at the same location as the current photovoltaic plant. However, it may be necessary to submit the environmental management measures to be implemented and are public property and free of human settlements. No land acquisition is foreseen, nor temporary, permanent physical or economic displacement.

The project site will be in peri-urban areas and not in the vicinity of legally protected areas or areas of high biodiversity value. Thus, involuntary resettlement is not anticipated.

The environmental and social risks and impacts will be manageable to an acceptable level by applying construction industry best practices. The ESMP prepared contains a clarification of the responsibilities of the different entities involved in the Project and defines, among other aspects:

- Measures for the planning and development phase of engineering studies.
- Measures for the construction phase (preparation of the work, location and operation of the construction site, execution, and completion of the works).
- Environmental and social monitoring requirements.

The Contractor will be required to complement the ESMPs prepared and to detail how the measures prescribed for the construction activities will be implemented.

The Ministry has developed and will maintain a grievance mechanism for any labor and employment related issues that is easily accessible and disseminated to Project workers in accordance with ESS 2 and applicable national labor laws. The Contractor and its suppliers will ensure that they have sufficient resources to disseminate and implement the grievance mechanism (GM).