



# **FULL PROJECT FEASIBILITY (FPF) DOCUMENT**

(Template)

for a proposed Solar Photovoltaic Project of *[Insert  
Proposed Capacity]* MWac

Submitted by

*[Insert name of the Public Sector Entity]*

Project REF No.: *[Insert Reference No. as given in CEB  
letter]*

**Date of submission: 31 March 2022**

## **DISCLAIMER**

This Full Project Feasibility (FPF) Document template is neither an agreement nor an offer by the CEB to the interested Public Sector Entity (PSE) or any other person. This FPF Document may include statements, which reflect various assumptions and assessments arrived at by the CEB, in relation to the PSE intended solar photovoltaic (PV) project. Such assumptions, assessments and statements do not purport to contain all the information that PSE may require.

The assumptions, assessments, statements and information contained in this FPF Document may not be complete, accurate, adequate or correct. The PSE should therefore, conduct its own due diligence including but not limited to investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this FPF Document and obtain independent advice from appropriate sources.

Information provided in this FPF Document to the PSE is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The CEB accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The CEB makes no representation or warranty and shall have no liability to any person, including any PSE, under any law, statute, rules or regulations, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this FPF Document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the FPF Document and any assessment, assumption, statement or information contained therein or deemed to form part of this FPF Document.

The CEB also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any PSE upon the statements contained in this FPF Document. The CEB may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this FPF Document.

This FPF Document request may be withdrawn or cancelled by the CEB at any time without assigning any reasons thereof. The CEB reserves the right at its complete discretion to reject the FPF Document submitted by the PSE without assigning any reasons whatsoever.

# Table of Contents

<b>CHAPTER 1: INTRODUCTION .....</b>	<b>3</b>
1.1. BACKGROUND .....	3
1.2. MAIN GOALS OF THE CEB GREENFIELD RE SCHEME .....	3
1.3. KEY ELEMENTS OF THE CEB GREENFIELD RE SCHEME FRAMEWORK .....	3
1.4. PURPOSE OF THIS FULL PROJECT FEASIBILITY DOCUMENT TEMPLATE.....	4
<b>CHAPTER 2: INFORMATION AND INSTRUCTION TO PUBLIC SECTOR ENTITY .....</b>	<b>5</b>
2.1. KEY REQUIREMENTS FROM THE PUBLIC SECTOR ENTITY (PSE) .....	5
2.2. CLARIFICATION ON THE FPF DOCUMENT .....	6
2.3. COST OF PREPARING THE FPF DOCUMENT .....	6
2.4. LANGUAGE .....	6
2.5. THE PSE FPF DOCUMENT VALIDITY .....	7
2.6. PROJECT DEVELOPMENT SECURITY .....	7
2.7. SUBMISSION OF THE FPF DOCUMENT .....	7
2.8. FPF DOCUMENT SUBMISSION DUE DATE .....	7
2.9. EXAMINATION OF THE PSE SUBMITTED FPF DOCUMENT .....	8
2.9.1. Step 1: Preliminary Examination of the PSE's submitted FPF Document .....	8
2.9.2. Step 2: Examination of the Project Developer's Eligibility and Qualification.....	8
2.9.3. Step 3: Examination of the technical aspects of the Proposal .....	8
2.9.4. Step 4: Examination of the financial aspects of the Proposal .....	9
2.10. CEB's RIGHT .....	9
2.11. LETTER OF INTEREST (LOI) .....	9
2.12. AGREEMENT (CA OR ESPA FINALIZATION) .....	10
<b>CHAPTER 3 – REQUIREMENTS FOR THE SOLAR PV FACILITY .....</b>	<b>11</b>
3.1. THE OUTPUT CAPACITY OF THE SOLAR PHOTOVOLTAIC (PV) FACILITY.....	11
3.2. INTERCONNECTION TO THE CEB'S ELIGIBLE SUBSTATION.....	11
3.2.1. Solar PV Facilities of capacities above 4 MW and up to 10 MW .....	11
3.2.2. Solar PV Facilities of capacities above 10 MW .....	12
3.3. ELIGIBLE SUBSTATION .....	12
3.4. COMMUNICATION SYSTEM .....	13
3.5. ACQUISITION OF REQUIRED PERMITS AND LICENSES.....	13
3.6. COMMISSIONING OF THE SOLAR PV FACILITY .....	13
3.7. POWER FORECASTING.....	14
3.8. ANNUAL CEILING for ENERGY EXPORT .....	14
3.9. THE ENERGY EXPORT TARIFF .....	14
3.10. MODEL AGREEMENT (CA OR ESPA).....	14

<b>CHAPTER 4: THE PSE FULL PROJECT FEASIBILITY (FPF)</b>	
<b>DOCUMENT REQUIRED CONTENTS .....</b>	<b>15</b>
4.1. INTRODUCTION .....	15
4.2. CONTENTS OF THE PSE' FPF DOCUMENT .....	15
Annex 1: Letter of Proposal .....	16
Annex 2: Format of the Joint Venture Agreement.....	19
Annex 3: Format of Letter of Authorization .....	23
Annex 4 – Historical Contract Non-Performance, Pending Litigation .....	24
and Litigation History .....	24
Annex 5A – FIN 1: Financial Situation and Performance.....	27
Annex 5B – FIN 2: Financial Resources.....	29
Annex 6: Technical Capability .....	30
Annex 7: Letter of Interest from the Project Potential Lender(s).....	32
Annex 8: Letter of Commitment from the Project Equity Provider(s) .....	33
Annex 9: Technical Data Sheet .....	34
Annex 10: Request for Clarification.....	38
Annex 11: Financial Information-Form 1 .....	39
Annex 12: Financial Information-Form 2 .....	41
Annex 13: Financial Information-Form 3 .....	42
Annex 14: Financial Information-Form 4 .....	43
Annex 15: Financial Information-Form 5 - Project Financing .....	44
Annex 16: Checklist of Required Documents .....	46

# CHAPTER 1: INTRODUCTION

## 1.1. BACKGROUND

The **CEB GREENFIELD RENEWABLE ENERGY SCHEME** is an initiative launched pursuant to the measure enunciated at Paragraph 101 of the Government Budget Speech 2021-2022.

In the initial and current phase of the Scheme, the CEB will consider application for greenfield renewable energy (RE) projects from Public Sector Entities only. RE projects from the Rodrigues Regional Assembly will also be considered under this Scheme.

A total cumulated capacity of sixty (60) megawatts (MW) has been earmarked for the present phase of the Scheme in the Mauritius. The maximum capacity of a project should not exceed fifteen (15) MW ac. After the allocation of the 60 MW capacities, RE projects which could not be considered will be placed in a waiting list.

Interconnection of each RE project to the CEB grid shall be made strictly in accordance with the applicable legislations, codes and CEB's requirements. The grid interconnection of the RE projects will be commissioned in sequential order based on the effective date of completion of each project.

The CEB GREENFIELD RE SCHEME was officially launched on 26 October 2021 and closed on 31 January 2022.

## 1.2. MAIN GOALS OF THE CEB GREENFIELD RE SCHEME

The CEB Greenfield RE Scheme is in line with Government strategy to transform the Electricity Sector into an emerging economic sector, while pursuing and accelerating the decarbonisation of the national grid.

The main objective of the Scheme is to contribute in achieving the national target of 60% shares of RE in the electricity mix 2030.

The Scheme offers the opportunity to democratize the electricity generation business by allowing Public Sector Entities to engage in electricity production for resale by the CEB.

## 1.3. KEY ELEMENTS OF THE CEB GREENFIELD RE SCHEME FRAMEWORK

The following are the key elements of the framework that outline the simplified procedure for implementing RE projects under this Scheme.

1. The Public Sector Entity (PSE) engaging in this Scheme shall operate as an Independent Power Producer (IPP). Hence, all energy generated from the renewable energy facility shall be exported to the CEB grid.
2. For the present phase, a tariff of MUR 3.73 is payable for each unit (kWh) of energy exported to the grid from the intended solar PV facility.

3. After having submitted a synopsis of the intended RE project and make a presentation of the project prefeasibility, the PSE participating in the Scheme is required to submit the full project feasibility.
4. Thereof, a letter of interest (LOI) will be issued to the PSE after the proposed project has been approved by the CEB. The LOI shall remain valid for a period of three (3) months.
5. Within the three (3) months validity of the LOI, the concerned PSE should endeavour to sign an energy supply and purchase agreement or a connection agreement with the CEB, whichever would be applicable.
6. Following the signing of the agreement, the PSE shall commit to commence the commercial operation of the RE facility within a period of 17 months as from the date of the signing of the agreement; failing which the agreement shall become null and void.

#### **1.4. PURPOSE OF THIS FULL PROJECT FEASIBILITY DOCUMENT TEMPLATE**

The purpose of this **Full Project Feasibility (FPF) Document** template is to help the PSE in preparing the full feasibility of its intended solar photovoltaic (PV) project.

It is provided as a guide to the PSE, who should use it to provide required data, information and documentations on its intended solar PV project. The data, information and documentations submitted in the FPF Document shall be used by CEB to examine compliance with requirements and thereof for the purpose of the relevant agreement (Energy Supply and Purchase Agreement or Connection Agreement).

Equally important; the duly prepared FPF Document will be a useful instrument for the PSE to understand the venture, appraise the risks and values of the project including its investment, take decision and seek financing, use as a yardstick to monitor the project implementation progress and make timely adjustments, amongst others.

# CHAPTER 2: INFORMATION AND INSTRUCTION TO PUBLIC SECTOR ENTITY

## 2.1. KEY REQUIREMENTS FROM THE PUBLIC SECTOR ENTITY (PSE)

1. In preparing the full feasibility of the intended solar PV project, the PSE, as the Project Developer, is required to fill and submit the Annexes given in this FPF Document. Any modification to the content of the Annexes, except for fill-in required information, shall lead to the PSE's project being put on hold until the modification is effectively corrected.
2. The PSE should ensure that goods or contracting works or services or any payments to persons or entities in relation to their projects have no prohibitive liability. Otherwise, the PSE's project will be put on hold until corrective measure is effectively taken.
3. For the purpose of developing its proposed project, the PSE can enter into partnership with one or more business partners in the form a joint venture. However, the PSE shall be the lead partner in the project.
4. For a joint venture, the PSE should furnish to the CEB a Joint Venture Agreement stating clearly the roles and responsibilities of the partners. The JV entity shall be the Project Developer.
5. In the case of a Joint Venture (JV), all the partners shall be jointly and severally liable and shall nominate a representative who shall have the authority to conduct all business for and on behalf of any and all the partners of the JV at all times.
6. The PSE should provide the contact details of its partner(s) and agent(s).
7. Submission of incorrect and/or concealing of information shall lead to the PSE's project being put on hold until corrective action is effectively taken.
8. The PSE is hereby informed of the following: -
  - (i) If a partner in the JV is under a declaration of ineligibility of any kind for any activity by the Republic of Mauritius in accordance with applicable laws at the date of the deadline for submitting the FPF Document, the CEB will put on hold the PSE's proposal unless the said partner is removed from the JV.
  - (ii) Proposal from the PSE having a partner in the JV appearing on the ineligibility lists of the African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank Group and World Bank Group will be put in abeyance until corrective measure is taken.
  - (iii) In case of default in the performance of previous project(s) by a partner of the JV with the CEB, until that partner is removed from the JV, the PSE's Proposal will be put in abeyance.
9. Partners in the JV should not engage in or abet any corrupt or fraudulent practice, including the offering or giving, directly or indirectly of improper inducements, in order to influence the examination process or the execution of the project.

Partners in the JV should not engage in any coercive practice threatening to harm, directly or indirectly, any person or his property to influence his participation in the project.

If a partner in the JV offers or gives or agrees to give an inducement, the proposed project will be rejected and thereof, concerned authorities will be informed accordingly.

10. All the goods and related services to be procured under the proposed project may have their origin in any country subject to **point 2** above.

The term “goods” includes commodities, raw material, machinery, equipment, industrial plants and “related services” which include services such as insurance.

The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.

## **2.2. CLARIFICATION ON THE FPF DOCUMENT**

PSE wishes to have any clarification on the FPF Document is requested to contact the CEB, in writing in the form set forth in **Annex 10**, at the following address:

**The Strategic Business Planning Executive  
CEB Corporate Office  
Central Electricity Board  
Rue du Savoir,  
Cybercity, Ebène**

**Fax (230) 454-7630/32**

**Email Address: [querygreenfieldrescheme@ceb.intnet.mu](mailto:querygreenfieldrescheme@ceb.intnet.mu)**

## **2.3. COST OF PREPARING THE FPF DOCUMENT**

The PSE shall bear all its costs associated with or relating to the preparation and submission of its FPF Document including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the CEB or any other costs incurred in connection with or relating to its proposal. All such costs and expenses will remain with the PSE; the CEB shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by any PSE in preparation or submission of the FPF Document (the Proposal), regardless of the conduct or outcomes of the CEB Greenfield RE Scheme.

## **2.4. LANGUAGE**

The PSE's Proposal (FPF Document), as well as all correspondence and documents, relating to the Project, exchanged by the PSE and the CEB, shall be in English. Supporting materials and printed literature that are part of the PSE's Proposal may be in another language provided they are accompanied by an accurate translation of the relevant passages in English.



## **2.5. THE PSE FPF DOCUMENT VALIDITY**

The FPF Document submitted by the PSE shall remain valid for a period of one hundred and eighty (180) days as from the deadline of the submission. The deadline date being counted as day one of the validity period. In exceptional circumstances, prior to the expiry of the original validity period, the CEB may request the PSE to extend the period of validity for a specified additional period.

## **2.6. PROJECT DEVELOPMENT SECURITY**

For project of capacity above 2.0 megawatts (MW), the PSE shall furnish a Development Security in the format described in the model Energy Supply and Purchase Agreement (ESPA). The amount of the Development Security shall be MUR 3 Million per MW of the intended capacity of the proposed Solar PV Facility. The Development Security should be furnished on the day as instructed in the ESPA.

The Development Security shall be issued by a Commercial Bank operating in Mauritius in favour of the "Central Electricity Board". It shall remain valid until the commercial operation date (COD) is declared. The costs of the Development Security and the cost of any extension shall be borne by the PSE.

## **2.7. SUBMISSION OF THE FPF DOCUMENT**

The PSE shall prepare one Original plus one (1) duplicate hard copy of its FPF Document and clearly mark them as the "ORIGINAL" and the "COPY". A soft copy of the PSE's FPF Document shall also be submitted on a USB device. In the event of any discrepancy between the original and the copy, the original shall prevail.

## **2.8. FPF DOCUMENT SUBMISSION DUE DATE**

The FPF Document addressed to the CEB Strategic Business Planning Executive shall be submitted in a single envelope. The envelope should be properly sealed bearing the name & exact address of the PSE and marked with the reference "**CEB-RESP-FPF001: Full Project Feasibility Document submitted under the CEB Greenfield RE Scheme.**"

The PSE should deliver the duly prepared FPF Document by the deadline of 31 March 2022 at the address given hereunder: -

**CEB Strategic Business Planning Executive  
Central Electricity Board  
CEB Corporate Office  
Rue Du Savoir  
Cybercity, Ebène  
Republic of Mauritius**

FPF documents received after the mentioned deadline will be placed in the waiting list.

## **2.9. EXAMINATION OF THE PSE SUBMITTED FPF DOCUMENT**

The CEB will examine the submitted Proposal, as detailed in the PSE's FPF Document, in a step-wise order, as follows: -

- **Step 1:** Preliminary examination of completeness of the submitted FPF Document;
- **Step 2:** Examination of the eligibility and qualification of the Project Developer;
- **Step 3:** Examination of the technical aspects of the Proposal; and
- **Step 4:** Examination of the financial aspects of the Proposal.

The examination process will be at the sole and unfettered discretion of the CEB. Based on the examination of the Proposal, as detailed in the PSE's FPF Document, the CEB may be put on hold the Proposal until any identified discrepancy / reservation / deviation / non-compliance is duly rectified to the satisfaction of the CEB.

With regard to the aforesaid discretion, whatever the outcomes, the Project Developer acknowledges that they shall have no claim whatsoever against the CEB, its directors, officers, or employees.

Any information contained in the FPF Document shall not in any way be construed as binding on the CEB, its agents, successors or assigns, but shall be binding against the Project Developer if the proposed Solar PV Facility is subsequently accepted on the basis of the information provided.

The CEB reserves the right not to proceed with the signing of the relevant Agreement following the examination of the PSE's submitted FPF Document.

For the purpose of the examination, if there is discrepancy between words and figures, the amount in words shall prevail.

### **2.9.1. Step 1: Preliminary Examination of the PSE's submitted FPF Document**

The PSE's submitted FPF Document will be examined for completeness to confirm that all documents are duly filled and all required documentation mentioned in the Checklist of Required Documents (**Annex 16**) have been provided. Non-submission of a signed Letter of Proposal (**Annex 1**) shall result into the PSE's submitted FPF Document be kept in abeyance.

### **2.9.2. Step 2: Examination of the Project Developer's Eligibility and Qualification**

The Project Developer is required to meet all the requirements, detailed in the **Annexes 1 to 8 below**, to qualify for the next step of the submitted FPF Document's examination.

### **2.9.3. Step 3: Examination of the technical aspects of the Proposal**

On the basis of the information provided in the **Annex 9**, the CEB will carry out an examination of the technical aspects of the Proposal. A grid interconnection study will be

made and the recommendations will be shared with the Project Developer. The latter shall address the recommendations coherently, unconditionally and unreservedly.

#### **2.9.4. Step 4: Examination of the financial aspects of the Proposal**

On the basis of the information provided in the **Annexes 11 to 15**, the CEB will carry out an examination of the financial aspects of the Proposal. The CEB may make recommendations to the Project Developer thereof. The latter shall address the recommendations coherently, unconditionally and unreservedly.

The Project Developer commits to provide clarification, explanation and additional information regarding the financial aspects of the proposed Solar PV Facility to the CEB. In consideration thereof, the CEB may engage into fruitful negotiation on the scope for costs reduction and consequently for reducing the energy export tariff.

The Project Developer is required to prepare resolutely and with all due care the given Annexes, which shall be inclusive parts of its FPF Document. All requested data and information supported by required documents, materials, etc. should be provided.

Missing materials, documents, data and/or information will lead to delay(s) in processing and, until not properly rectified, the Proposal will be kept in abeyance. Incorrect, insufficient and/or incomplete information from the Project Developer will also lead to keeping the Project in abeyance. Until corrective measure(s) are duly taken, the CEB will not process further the Project's examination.

#### **2.10. CEB's RIGHT**

Further to the examination of the Project Developer's submitted FPF Document, the CEB reserves the right:

- To accept or reject the proposed Proposal without thereby incurring any liability to the Project Developer;
- To exclude a partner from the JV whose performance in a previous public contract has been deficient or who has failed to deliver satisfactorily, and has caused prejudice to the CEB with regard to contractual requirements. Thereof, the Project Developer can either pursue the Project implementation alone or propose another qualified partner; and
- In the event there are two or more Projects connecting on the same eligible substation, the CEB shall choose the most suitable outcome without thereby incurring any liability to the Project Developer.

#### **2.11. LETTER OF INTEREST (LOI)**

Subsequent to the full examination of the submitted FPF Document and negotiation, the CEB will issue a Letter of Interest (LOI) to the Project Developer. Within seven (7) days from the date of issue of the LOI, the Project Developer shall acknowledge the receipt of the LOI and send a signed copy of same agreeing to comply with the conditions set out therein and requesting for the finalization of the Agreement (Connection Agreement (CA) or Energy Supply and Purchase Agreement (ESPA)).

In case the Project Developer will incorporate a special purpose vehicle (SPV). It shall incorporate the SPV, within fifteen (15) days of the issuance of the LOI, under the Laws of the Republic of Mauritius. In case the SPV has already been incorporated prior to the deadline of the submission of the FPF Document, it shall be the entity responsible to execute the Agreement (CA or ESPA).

## **2.12. AGREEMENT (CA OR ESPA FINALIZATION)**

In the process of finalizing the Agreement, especially the ESPA, the CEB will invite the Project Developer for final discussion(s) so as to complete the relevant Sections and Schedules of the Agreement. The Project Developer shall submit in Microsoft Excel Format an updated copy of the comprehensive financial model of the Project.

The Parties shall engage to sign the finalized Agreement within 30 days from date of issue of the Letter of Interest (LOI). If discussions are not proceeding on a reasonable schedule to ensure achievement of the in-service date requirement, the CEB may terminate discussion with the Project Developer and thereof put the Project on hold.

The Project Developer shall bear all costs incurred in relation to any negotiation and finalization of the Agreement (CA or ESPA) including, but not limited to, those of professional advisors.

# CHAPTER 3 – REQUIREMENTS FOR THE SOLAR PV FACILITY

## 3.1. THE OUTPUT CAPACITY OF THE SOLAR PHOTOVOLTAIC (PV) FACILITY

The net guaranteed output capacity of the proposed solar PV facility shall be as stated in the **Proposed Project Prefeasibility Form** submitted by the PSE. The PSE (the Project Developer) is required to design the DC side of the proposed Solar PV Facility so as to ensure the agreed AC rating at the Point of Delivery (POD).

The proposed Solar PV Facility shall be connected to the nearest eligible substation, as would be determined by the CEB, through a dedicated electric line in accordance with the provisions of the ESPA.

The Project Developer, whether as a single entity or in the formation of JV, shall be responsible to design, supply, install, test and commission the Solar PV Facility and accordingly supply the energy generated to the CEB grid at the POD for a contractual term of 20 years as per the terms and conditions set out in the model Agreement (Connection Agreement (CA) or ESPA, whichever would be applicable).

## 3.2. INTERCONNECTION TO THE CEB'S ELIGIBLE SUBSTATION

### 3.2.1. Solar PV Facilities of capacities above 4 MW and up to 10 MW

Electrical energy from a proposed Solar PV Facility of capacity in the range above 4 MW to 10 MW shall be delivered at the POD.

All physical goods and resources necessary to deliver the output of the Solar PV Facility to the CEB network at 22kV and the cost of hardware, equipment, and engineering services needed to interconnect to the CEB network shall be the responsibility of the Project Developer.

The Project Developer shall also be responsible for securing land rights, permits, easements, and rights-of-way for the routing (to be agreed at the time of implementation) needed for the construction of the electric line from the POD up to the nearest eligible substation.

The construction of the electric line shall be the responsibility of the CEB. However, all expenses shall be covered by the Project Developer. The right-of-ways for the construction of the electric line shall have to be secured by the Project Developer.

Following the commissioning of the proposed facility, the CEB shall take ownership of the dedicated electric line from the POD to the eligible substation and shall thereafter be responsible to operate and maintain these assets. For this purpose, all right-of-ways and associated permits required for the construction of the electric line shall be in the name of the CEB.

The following indicative costs may be considered to prepare the cost estimation for the construction of the 22 kV interconnecting electric line: -

- **MUR 1.7 million per km** for overhead 150 mm<sup>2</sup> aluminium XLPE cables.
- **MUR 9.7 million per km** (excluding full width resurfacing) for underground cables three core 240 mm<sup>2</sup> aluminium XLPE.

The cost of the 22 kV incoming bays in the substation shall be shared equally between CEB and the Project Developer. The following budgetary estimates may be considered: -

- **MUR 2.0 M** for 22 kV indoor metalclad switchgear panel.
- **MUR 3.3 M** for 22 kV indoor Gas Insulated Switchgear (GIS).

### **3.2.2. Solar PV Facilities of capacities above 10 MW**

Electrical energy from a proposed Solar PV Facility of capacity above 10 MW shall be delivered and metered at the Point of Delivery (POD) in the eligible substation.

The Project Developer shall be responsible to erect the 66 kV transmission line from the location of the proposed Solar PV Facility up to the POD. All physical goods and resources necessary to deliver the output of the proposed Solar PV Facility and the cost of hardware, equipment, and engineering services needed to interconnect to the CEB network at 66 kV are under the responsibility of the Project Developer.

The latter is similarly responsible for securing all land rights, permits, easements, and rights of way needed to construct, operate and maintain the 66 kV transmission line from the proposed Solar PV Facility up to the POD.

The Project Promoter may consider the following budgetary estimate for the erection of an overhead single circuited pole-mounted 66 kV transmission line complete with fibre optics cable:

- **MUR 3.0 million per km** for bare 366 mm<sup>2</sup> All Aluminium Alloy Conductor (AAAC).
- **MUR 2.5 million per km** for bare 150 mm<sup>2</sup> All Aluminium Alloy Conductor (AAAC).

The cost of 66 kV incoming bays in the substation shall be shared equally between CEB and the successful bidder. For the purpose of budgetary estimates, the following can be considered: -

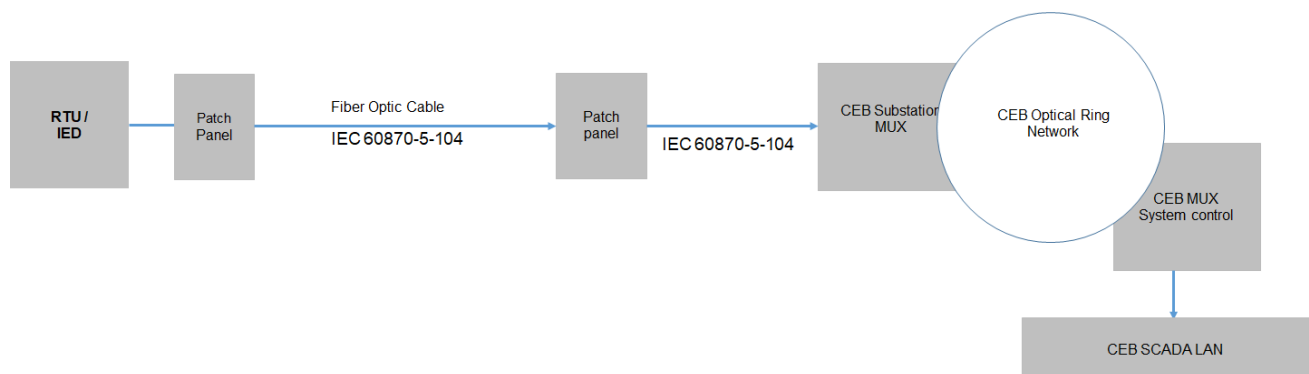
- **MUR 10 M** for one 66 kV line bay in an outdoor Air Insulated Switchgear (AIS) Substation.
- **MUR 33 M** for one 66 kV line bay in an indoor Gas Insulated Switchgear (GIS) Substation.

### **3.3. ELIGIBLE SUBSTATION**

The Project Developer shall contribute in the construction or extension of an eligible substation. Further discussion on this matter will be held after the submission of the PSE's FPF Document.

### 3.4. COMMUNICATION SYSTEM

The Project Developer shall install communication equipment for a secured transfer of operating data for tele-protection and tele-control via fibre optics cables as per the specification set forth in the model ESPA. Relevant information in respect of the operation of the Solar PV Facility will be transmitted in real-time to the CEB System Control Centre through the Remote Terminal Unit (RTU) available at the eligible substation.



**Figure 1: Communication System**

The Project Developer shall bear the cost for the supply, installation, testing and commissioning of the fibre optic cables, communication panels and equipment on each side of the Interconnection Boundary (i.e. at both the Solar PV Facility and the eligible substation). The Project Developer shall be responsible for the maintenance and repair of its communication equipment installed in the CEB's substation, if any. The CEB will be responsible for the final connection from the Solar PV Facility's communication panel, installed at the eligible substation, to the RTU.

The energy consumption of the communication equipment, installed by the Project Developer at the eligible substation, will be metered and billed at an appropriate tariff applicable to the Project Developer.

For cost estimate, the Project Developer may consider an amount of **MUR 100,000 per km** for deploying the fibre optic cables.

### 3.5. ACQUISITION OF REQUIRED PERMITS AND LICENSES

Following the signing of the Agreement (CA or ESPA), the Project Developer shall be responsible to acquire all necessary consents, clearances, permits and licenses (including Environmental Impact Assessment, if applicable) for the development of the proposed Solar PV Facility within the prescribed time frame as stipulated in the model ESPA or CA. The CEB may assist the Project Developer, wherever applicable, in securing required permits.

### 3.6. COMMISSIONING OF THE SOLAR PV FACILITY

The scheduled Commercial Operation Date (COD) of the proposed Solar PV Facility shall be within **8 months** from the Effective Date of the Agreement (CA or ESPA). The Project Developer will be required to achieve all Conditions Precedent within **9 months** from the Agreement execution.

### **3.7. POWER FORECASTING**

Solar PV Facility of capacity of 4.0 MW and above shall be equipped with power forecasting equipment and tools with the objective to provide Day-Ahead and 30-Minutes-Ahead real-time forecasting to the CEB System Control Dispatch Centre in Curepipe.

This measure shall enable the CEB to take actions to amortize the variabilities of the power generation outputs of the Solar PV Facility in order to safeguarding the grid stability. The Project Developer is hereby informed that deviation from the forecast values outside the agreed limits shall result into penalties as elaborated in the Model ESPA.

### **3.8. ANNUAL CEILING for ENERGY EXPORT**

The annual electrical energy to be purchased at the agreed tariff “T” shall be limited to the annual ceiling specified in the **Annex 9** of the PSE’s submitted FPF Document.

Energy produced in excess of the stated limits shall be paid at a flat rate per kilowatt-hour equivalent to 10% of the agreed tariff. The remuneration for the energy sent out at the POD shall be effected as per the terms and conditions set out in the Model Agreement (CA or ESPA).

### **3.9. THE ENERGY EXPORT TARIFF**

The flat energy export tariff “T”, denoted in Mauritian rupees per kilowatt-hour (MUR/kWh), for the supply of electricity to the CEB grid by the proposed Solar PV Facility shall be as defined for the current phase of the CEB Greenfield Renewable Energy Scheme launched on 26 October 2021.

The tariff indicated in the Agreement shall remain fixed for the initial period of twenty (20) years. The CEB will purchase all the energy exported to its grid at the POD.

### **3.10. MODEL AGREEMENT (CA OR ESPA)**

A copy of the relevant Model Agreements, listed below, are available on the CEB website at <https://ceb.mu>.

1. Connection Agreement for Solar PV Facility of capacity up to 2.0 MW.
2. Energy Supply and Purchase Agreement (ESPA) for Solar PV Facility of capacity ranging above 4.0 MW to 10 MW.
3. Energy Supply and Purchase Agreement (ESPA) for Solar PV Facility of capacity above 10 MW.

The Project Developer is strongly advised to take full cognizance of the content of the relevant Agreement for its intended Solar PV Facility and thereof to prepare its FPF Document based on the terms and conditions provided therein. The terms and conditions of the Agreements are non-negotiable.



# CHAPTER 4: THE PSE FULL PROJECT FEASIBILITY (FPF) DOCUMENT REQUIRED CONTENTS

## 4.1. INTRODUCTION

The CEB is providing this template Full Project Feasibility (FPF) Document to assist the Public Sector Entity (PSE) in the preparation of the full feasibility proposal of its intended Solar PV Project.

It is provided as a guide to the PSE, who should use it to furnish required data, information and documentations on its intended Solar PV Project. The data, information and documentations submitted in the FPF Document shall be used by CEB to examine compliance with requirements and thereof for the purpose of the relevant Agreement (Energy Supply and Purchase Agreement or Connection Agreement).

The PSE's duly prepared FPF Document will be a useful instrument for the PSE to understand the venture, appraise the risks and values of the project including its investment, take decision and seek financing, use as a yardstick to monitor the project implementation progress and make timely adjustments, amongst others.

## 4.2. CONTENTS OF THE PSE' FPF DOCUMENT

The PSE (the Project Developer) is required, at the minimum, to provide the duly filled Tables and Forms provided in the **Annex 1 to Annex 16** given below and address effectively all the therein requirements.

Meeting the requirements, detailed in the **Annex 1 to Annex 16** below, will qualify the Project Developer for the next step of the CEB's acceptance of the PSE's Proposal.

The Project Developer should resolutely and with all due care prepare these Annexes which shall be inclusive parts of its submitted FPF Document.

All requested data and information supported by required documents, materials, etc. should be provided. Missing materials, documents, data and/or information will lead to delay(s) in processing and, until not properly rectified, the Proposal will be kept in abeyance.

Likewise, incorrect, insufficient and/or incomplete financial information will also lead to the Proposal be kept in abeyance. Until corrective measure(s) is/are duly taken, the CEB will not examine further the Proposal.

## Annex 1: Letter of Proposal

Date: \_\_\_\_\_

The Strategic Business Planning Executive  
Central Electricity Board  
CEB Corporate Office  
Rue du Savoir,  
Cybercity, Ebène  
Republic of Mauritius

Dear Sir,

### **Full Project Feasibility (FPF) submission under the CEB Greenfield Renewable Energy (RE) Scheme**

We, the undersigned \_\_\_\_\_  
*[Please insert name of the Project Developer]*, confirm having read, examined and understood in detail the CEB Greenfield Renewable Energy (RE) Scheme and hereby submit the Full Project Feasibility (Proposal) of our proposed Solar Photovoltaic (PV) Facility on this day of \_\_\_\_\_ *[Please insert date of submission]*.

We hereby confirm the following: -

1. The Proposal is being submitted by \_\_\_\_\_  
*[Please insert name of the company of the Project Developer]* who is the Public Sector Entity (PSE) / the Lead Partner of the Joint Venture (JV) or intended JV comprising \_\_\_\_\_  
*[Please state the name(s) of the JV partners]*.
2. The Proposal refers to the setting up of a Solar PV Facility of \_\_\_\_\_ *[Please insert capacity of plant]* MW ac. The Facility will be located at \_\_\_\_\_ *[Please insert location of site]* and interconnected to the \_\_\_\_\_ *[Please insert name of eligible CEB's substation]*.
3. The proposed tariff "T" for energy export to the CEB's grid at the Point of Delivery shall not exceed MUR 3.73 per kWh. The proposed tariff is exclusive of VAT and is fixed over the terms of the Agreement (Connection Agreement (CA) or Energy Supply and Purchase Agreement (ESPA)).
4. We undertake to provide a Development Security as per the provision of the Agreement.

5. We have read, examined and understood in detail the terms and conditions of the above-mentioned Scheme and the relevant model Agreement for the supply of solar electrical energy to CEB. We agree and undertake to abide by all these terms and conditions. Our Proposal is consistent with all the requirements of submission as stated in the FPF Document or in any of the subsequent communications from the CEB, without any deviations and conditions whatsoever in the required format.
6. We give our unconditional acceptance to the content & requirements of the FPF Document and the Agreement attached thereto, issued by CEB. We confirm and undertake that the Agreement shall be executed as per would be required by CEB and the Agreement shall be binding on us. Further, we confirm that the project(s) shall be commissioned within the schedule stipulated in the FPF, i.e., within 17 months after the date of signature of the Agreement including 9 months for achievement of Effective Date of the Agreement.
7. We hereby unconditionally and irrevocably agree and accept that the decision made by the CEB in respect of any matter regarding or arising out of the implementation of the Scheme shall be binding on us. We hereby expressly waive any and all claims in this respect.
8. The information submitted in our Proposal is complete, is strictly as per the requirements stipulated in the FPF Document, and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Proposal.
9. We confirm that we have studied the provisions of the relevant Mauritian Laws and Regulations as required to enable us to submit this Proposal and execute the Agreement and development of the Facility.
10. We, including any subcontractors or manufacturers for any part of the Project, do not have any conflict of interest and have not been convicted for any offence involving fraud, corruption or dishonesty ex ante and ex post to the Project's implementation.
11. We are not included in the ineligibility lists of African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank Group and World Bank Group.
12. We meet and satisfy all the requirements laid down in the FPF Document.
13. We confirm that all terms and conditions of our Proposal is valid for a period of 180 days from the last date of submission of the Proposal unless extended by us on your request and it shall remain binding upon us and may be accepted by you at any time before expiration of that period.
14. To the best of our knowledge, we have neither made any statement nor provided any information in this Proposal which is materially inaccurate or misleading. Further, all the confirmations, declarations and representations made in our Proposal are true and accurate. In case this is found to be incorrect, we agree that relevant provisions of the Agreement shall apply.

15. We shall complete the Project on time, as detailed in the given Gantt Chart (*provide a copy of the Gantt Chart in the FPF Document*).

16. Contact Person

Details of the contact person are furnished as under:

Name	
Designation	
Company	
Address	
Phone Nos.	
Fax Nos.	
E-mail address	

Yours sincerely,

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 2: Format of the Joint Venture Agreement

THIS JOINT VENTURE AGREEMENT (the "Agreement"), made and entered into as of this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between \_\_\_\_\_ of \_\_\_\_\_ (hereinafter "\_\_\_\_") and \_\_\_\_\_ of \_\_\_\_\_ (hereinafter "\_\_\_\_").

### 1. GENERAL PROVISIONS

#### 1.1. *Business function.*

WHEREAS, [Party 1] is in the business of [business description],

WHEREAS, [Party 2] is in the business of [business description], and

WHEREAS, [Party 3], is in the business of [business description] [if applicable]

WHEREAS, the parties desire to establish between them a joint venture in order to collaborate in [DESCRIBE BUSINESS FUNCTION]

NOW, THEREFORE, in consideration of the foregoing, and of the mutual covenants and commitments set forth herein, the parties hereto agree as follows:

#### 1.2. *Term of the Agreement.*

This Joint Venture shall commence on the date first above written and shall continue in existence until terminated, liquidated, or dissolved by law or as hereinafter provided.

### 2. GENERAL DEFINITIONS

The following comprise the general definitions of terms used in this Agreement:

#### 2.1. *Affiliate.*

An Affiliate of an entity is a person that, directly or indirectly through one or more intermediaries, controls, is controlled by or is under common control of such entity.

#### 2.2. *Capital Contribution(s).*

The capital contribution to the Joint Venture actually made by the parties, including property, cash and any additional capital contributions.

### 3. OBLIGATIONS OF THE JOINT VENTURE

\_\_\_\_\_ is responsible for all operations and decisions of the Joint Venture and will be compensated for providing various services.

### 4. ALLOCATIONS

#### 4.1. *Profits and Losses.*

Commencing on the date hereof and ending on the termination of the business of the Joint Venture, all profits, losses and other allocations to the Joint Venture shall be allocated as follows at the conclusion of each fiscal year:

\_\_\_\_\_ %

\_\_\_\_\_ %

## **5. RIGHTS AND DUTIES OF THE JOINT VENTURE**

### *5.1. Business of the Joint Venture.*

\_\_\_\_\_ shall have full, exclusive and complete authority and discretion in the management and control of the business of the Joint Venture for the purposes herein stated and shall make all decisions affecting the business of the Joint Venture. As such, any action taken shall constitute the act of, and serve to bind, the Joint Venture. \_\_\_\_\_ shall manage and control the affairs of the Joint Venture to the best of its ability and shall use its best efforts to carry out the business of the Joint Venture.

## **6. AGREEMENTS WITH THIRD PARTIES AND WITH AFFILIATES OF THE JOINT VENTURES**

### *6.1. Validity of Transactions.*

Affiliates of the parties to this Agreement may be engaged to perform services for the Joint Venture. The validity of any transaction, agreement or payment involving the Joint Venture and any Affiliates of the parties to this Agreement otherwise permitted by the terms of this Agreement shall not be affected by reason of the relationship between them and such Affiliates or the approval of said transactions, agreement or payment.

### *6.2. Other Business of the Parties to this Agreement.*

The parties to this Agreement and their respective Affiliates may have interests in businesses other than the Joint Venture business. The Joint Venture shall not have the right to the income or proceeds derived from such other business interests and, even if they are competitive with the Partnership business, such business interests shall not be deemed wrongful or improper.

## **7. PAYMENT OF EXPENSES**

All expenses of the Joint Venture shall be paid by \_\_\_\_\_ and shall be reimbursed by the Joint Venture.

## **8. INDEMNIFICATION OF THE JOINT VENTURES**

The parties to this Agreement shall have no liability to the other for any loss suffered which arises out of any action or inaction if, in good faith, it is determined that such course of conduct was in the best interests of the Joint Venture and such course of conduct did not constitute negligence or misconduct. The parties to this Agreement shall each be indemnified by the other against losses, judgments, liabilities, expenses and amounts paid in settlement of any claims sustained by it in connection with the Joint Venture.

## **9. DISSOLUTION**

### *9.1. Events of the Joint Venture.*

The Joint Venture shall be dissolved upon the happening of any of the following events:

- a) The adjudication of bankruptcy, removal or insolvency of either of the parties.
- b) The sale or other disposition, not including an exchange of all, or substantially all, of the Joint Venture assets.
- c) Mutual agreement of the parties.

## **10. MISCELLANEOUS PROVISIONS**

### *10.1. Books and Records.*

The Joint Venture shall keep adequate books and records at its place of business, setting forth a true and accurate account of all business transactions arising out of and in connection with the conduct of the Joint Venture.

### *10.2. Validity.*

In the event that any provision of this Agreement shall be held to be invalid, the same shall not affect in any respect whatsoever the validity of the remainder of this Agreement.

### *10.3. Integrated Agreement.*

This Agreement constitutes the entire understanding and agreement among the parties hereto with respect to the subject matter hereof, and there are no agreements, understandings, restrictions or warranties among the parties other than those set forth herein provided for.

### *10.4. Headings.*

The headings, titles and subtitles used in this Agreement are for ease of reference only and shall not control or affect the meaning or construction of any provision hereof.

### *10.5. Notices.*

Except as may be otherwise specifically provided in this Agreement, all notices required or permitted here under shall be in writing and shall be deemed to be delivered when deposited in the mail, postage prepaid, certified or registered mail, return receipt requested, addressed to the parties at their respective addresses set forth in this Agreement or at such other addresses as may be subsequently specified by written notice.

### *10.6. Applicable Law and Venue.*

This Agreement shall be construed and enforced under the laws of Mauritius.

### *10.7. Other Instruments.*

The parties hereto covenant and agree that they will execute each such other and further instruments and documents as are or may become reasonably necessary or convenient to effectuate and carry out the purposes of this Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

Signed, sealed and delivered in the presence of:

For and behalf of JV partner 1 by: (Signature) (Name) (Designation) (Seal)	For and behalf of JV partner 2 by: (Signature) (Name) (Designation) (Seal)
In the presence of	
1)	2)



### Annex 3: Format of Letter of Authorization

*[The person that is designated by the Project Developer to represent the latter in all matters pertaining to its Proposal shall be duly authorised by the highest ranked officer of the Public Sector Entity or a Board resolution, whichever would be applicable.]*

The letter should clearly mention that the designated person is duly authorised to perform all tasks including but not limited to sign and submit the Proposal; to participate in all stages of the Project development; to conduct correspondence for and on behalf of the Project Developer and thereby bind the Project Developer; and to execute the Agreement (Connection Agreement (CA) or Energy Supply and Purchase Agreement (ESPA)) and any other documents required to give effect to the outcome(s) of the implementation of the Scheme, etc.

The following information should be provided in the Letter of Authorization:

- a) The name of the project.
- b) The name and designation of the authorised person and his/her position.
- c) The validity period of the authorisation.
- d) The roles of the person; this shall include but shall not be limited to:
  - i) participation in all stages of the Project development and implementation;
  - ii) conduct correspondence for and on behalf of the Project Developer and thereby bind the Project Developer;
  - iii) sign relevant document;
  - iv) execute the Agreement (CA or ESPA) and any other documents required to give effect to the outcomes of the Project;
  - v) attend meetings, conferences held by the CEB;
  - vi) provide information, clarifications, etc. to the CEB or its advisors / consultants; and
  - vii) communicate with the CEB or its advisors / consultants (if required).

The Chief Executive Officer (CEO) or Managing Director (MD) of the Public Sector Entity (PSE) or of the Joint Venture (JV) should sign the Letter of Authorization with the seal of Entity properly inserted. The CEO or MD should provide a copy of its National Identity Card or Passport.

As would be applicable, an extract of the PSE's Board Resolution, in favour of the person executing the Letter of Authorization for delegation of power should be produced.

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 4 – Historical Contract Non-Performance, Pending Litigation and Litigation History

*[The following table shall be filled in for the Project Developer's Technical Partner(s)]*

**Date:** *[insert day, month, year]*

**PSE's or JV's Name:** *[insert full name]*

**Technical Partner(s) Name(s):** *[insert full name]*

**Project Name:** *[insert the project name]*

**Page** *[insert page number]* **of** *[insert total number]* **pages**

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>			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and US\$ 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 non-performance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
<b>Pending Litigation</b>			
Please tick as appropriate			
<input type="checkbox"/> No pending litigation <input type="checkbox"/> Pending litigation			

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), USD 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>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
Please tick as appropriate  <input type="checkbox"/> No litigation history.  <input type="checkbox"/> Litigation history occurred.			

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

<b>Year of award</b>	<b>Outcome as percentage of Net Worth</b>	<b>Contract Identification</b>	<b>Total Contract Amount (currency), USD Equivalent (exchange rate)</b>
<i>[insert year]</i>	<i>[insert percentage]</i>	<p>Contract Identification: [indicate complete contract name, number, and any other identification]</p> <p>Name of Employer: <i>[insert full name]</i></p> <p>Address of Employer: <i>[insert street/city/country]</i></p> <p>Matter in dispute: <i>[indicate main issues in dispute]</i></p> <p>Party who initiated the dispute: <i>[indicate “Employer” or “Contractor”]</i></p> <p>Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i></p>	<i>[insert amount]</i>

<b>Name of Project Developer’s Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 5A – FIN 1: Financial Situation and Performance

[The Project Developer is required to complete the tables below. The required data and information shall relate to the Partner(s) in the Project.]

Date: [insert day, month, year]

PSE's or JV's Name: [insert full name]

JV's Partner(s) Name(s): [insert full name]

Project Name: [insert the project name]

Page [insert page number] of [insert total number] pages

### Financial Data for Previous 5 Years in MUR

	Year 1:	Year 2:	Year 3:	Year 4:	Year 5:
<b>Information from Balance Sheet</b>					
Total Assets					
Total Liabilities					
Net Worth					
Current Assets					
Current Liabilities					
<b>Information from Income Statement</b>					
Total Revenues					
Profits Before Taxes					
Profits After Taxes					
<p><i>The CEB, if or as deemed necessary, will request the PSE / Project Developer to provide copies of financial statements (balance sheets including all related notes and income statements) for the last 5 years, as indicated above, including: -</i></p> <p>Please note the following: -</p> <ul style="list-style-type: none"><li>▪ All such documents reflect the financial situation of the Project Developer.</li><li>▪ Historic financial statements must be audited by a certified accountant.</li><li>▪ Historic financial statements must be complete, including all notes to the financial statements.</li><li>▪ Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).</li></ul>					
<b>Financial Ratios</b>					
Current Ratio					
Debt Ratio					

Insert Company Seal

## FIN 1: Financial Situation and Performance (continued)

[Project Developer is required to complete the tables below. **The CEB, if or as deemed necessary, will request the PSE / Project Developer to provide hard copies as well as a soft copy (in Microsoft Excel format) of the below requested data.**]

### Key Financial Information extracted from Audited Accounts/Financial Statements

Financial data in the currency reported in the Audited Accounts/Financial Statements	Historical Information					CEB Remarks
	Year 1	Year 2	Year 3	Last year	Current year	
<b>Statement of Financial Position (Information from Balance Sheet)</b>						
A. Current Assets						
B. Current Liabilities						
Working capital ratio or current ratio( A/B)						
Quick ratio or Acid Test ratio (Current Asset net of stock / B)						
C. Total Assets						
D. Total Liabilities						
Net Worth( C-D)						
Cash in hand and at Bank						
Bank Overdrafts						
Other Liquid Assets						
Key Profitability Indicators in the currency reported in the Audited Accounts/Financial Statements	Historical Information					CEB Remarks
	Year 1	Year 2	Year 3	Last year	Current year	
<b>Information from Income statement</b>						
Turnover						
Profit /(Loss )Before Tax						
Taxation						
Net Profit /(Loss) After Tax						
(Net profit After tax )x 100 (Turnover)						
Project Developer certifies that information are true extract from Audited Accounts/Financial Statements						

<b>Name of Project Developer's Authorized Representative</b>	
<b>Position in the organization</b>	
<b>Signature</b>	
<b>Telephone numbers</b>	
<b>Email</b>	
<b>Date</b>	

*Insert Company Seal*

## Annex 5B – FIN 2: Financial Resources

*[Each partner of the Project Developer should fill-in required information in the following table]*

The required information refers to the sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total project cost of the proposed Solar PV Facility.

No.	Source of Financing	Amount MUR/ (USD equivalent)
1		
2		
3		
4		

*... add rows, if required ...*

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 6: Technical Capability

### Part A - Experience in development of Solar PV Facility of similar or higher capacity

Name of Technical Partner(s), Contractor(s), JV Partner(s) or Specialized Sub-Contractor(s): \_\_\_\_\_

#### Relevant Project Development Experience

Item	Particulars of Project
Name of the Project	
Name, Address, and Phone No. of Client	
Scope of the Project	
Technology (Tracking or Fixed)	
Project Location	
Name of other partner(s) in the Project in case the said Project was executed in Joint Venture	
Project capacity delivered to grid (MW <sub>ac</sub> )	
Equipment supplied	
Total Project cost	
Project financing nature	
% value of operation & maintenance contract in relation to Project cost	
Execution date of commercial agreements	
Commercial operation date	
Current status of the Project	
Actual capacity utilisation factor	

... Please add columns if required ...

#### Details of each Project (Please tick as appropriate)

No.	Criteria	Yes	No
1	Obtained all relevant permits including environmental clearances within the required timeline under the Project agreements		
2	Finalized and executed the Connection Agreement or Energy Supply and Purchase Agreement (or equivalent documents) for the Project		
3	Achievement of financial close and commercial operation		
4	Has the Project Developer paid delay liquidated damages in reaching financial close and commercial operation? <i>If yes, provide statement.</i>		



**Consolidated project development experience over the past ten (10) years**

Item	Particulars	Remarks
Number of Projects		
Total Project Capacity(MW)		

... add rows, if required ...

**Part B**

The Project Developer is required to submit list of projects demonstrating experience of Technical Partner(s), Contractor(s), JV Partner(s) or Specialized Sub-Contractor(s) in interconnection to Medium-Voltage Network (11 kV – 33 kV, or higher) for capacities up to 10 MW proposal and High Voltage Network (66 kV or above) for capacities above 10 MW proposal, in the last ten (10) years.

Power Generation Project	Interconnecting Voltage	Year	Roles of Project Developer, Technical Partner(s), Contractor(s), JV Partner(s) or Specialized Sub-Contractor(s)

... add rows, if required ...

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 7: Letter of Interest from the Project Potential Lender(s)

*[This Letter of Interest from the Project Lender(s), addressed to as indicated below, must be submitted, under the Lender's Corporate Letterhead.]*

**The Strategic Business Planning Executive  
Central Electricity Board  
CEB Corporate Office  
Rue Du Savoir  
Cybercity, Ebène  
Republic of Mauritius**

Dear Sir,

*[Insert Project Developer name]* **Proposed** *[insert project capacity]* **Solar PV Facility under the CEB Greenfield Renewable Energy Scheme**

In relation to this Full Project Feasibility (FPF), the undersigned hereby agrees in principle to provide financial support to \_\_\_\_\_ *[Please insert name of Project Developer]* for the setting up of the intended *[size in MW]* Solar PV Facility at *[state the location]*, Mauritius through a debt participation of \_\_\_\_\_ % *[Please insert percentage of Debt]* of the total project cost of \_\_\_\_\_ *[Please state the total project cost and currency]* before funding cost, representing an amount of \_\_\_\_\_ *[Please insert amount of debt and currency]*.

The undersigned understands that \_\_\_\_\_ *(Please insert name of the Project Developer)* has the technical capability and willingness to deliver quality services in line with the requirements of the Agreement (Connection Agreement (CA) or Energy Supply and Purchase Agreement (ESPA)).

The undersigned agrees and certifies that:

- We have examined the provisions of the FPF Document and any addenda thereto; have carefully reviewed the accuracy of all statements in the FPF Document and attachments thereto, and, by careful examination of the FPF Document and any addenda thereto, are satisfied as to the nature of all the requirements and all other matters which can in any way affect the Solar PV Facility (the Facility) or the cost thereof.
- We have reviewed carefully the model Agreement (CA or ESPA), taken such legal and other professional advice as is necessary to have a complete understanding of the terms and conditions therein and the risks associated with the project and the relevant Agreement (CA or ESPA), and are in principle agreeable to provide financing for the setting up of the Project in line with the requirements of the Agreement.

**Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 2022 at \_\_\_\_\_**

**For and on behalf of the Financing Institution by:**

**(Signature)**

**(Name)**

**(Designation)**

**(Address)**

*Insert Company Seal*

## Annex 8: Letter of Commitment from the Project Equity Provider(s)

*[This Letter of Commitment from the Project Equity Provider(s), addressed to as indicated below, must be submitted, under the Lender's Corporate Letterhead, as part of the FPF.]*

**The Strategic Business Planning Executive  
Central Electricity Board  
CEB Corporate Office  
Rue Du Savoir  
Cybercity, Ebène  
Republic of Mauritius**

Dear Sir,

**[Insert Project Developer name] Proposed [insert project capacity] Solar PV Facility under the  
CEB Greenfield Renewable Energy Scheme**

In relation to this Full Project Feasibility (FPF), the undersigned, \_\_\_\_\_  
*[Please insert name of the Project Equity Provider(s)]* hereby undertake to provide financial commitment for the setting up of *[Please insert name of Project Developer]* proposed *[size in MW]* Solar PV Facility Project at *[insert location]*, Mauritius through an equity participation of \_\_\_\_\_ % *[Please insert percentage of Equity]* of the total project cost of \_\_\_\_\_ *[Please insert total project cost and currency]* before funding cost, representing an amount of \_\_\_\_\_ *[Please insert amount of equity and currency]* of the equity needs.

The undersigned agree that we will provide the necessary land (*submit a copy of the Land Reservation Commitment Letter, Lease Agreement or Title Deeds in the FPF Document*) and equity for the design, procurement, construction, commissioning, operation and maintenance of *[Please insert name of Project Developer]* proposed *[size in MW]* Solar PV Facility at *[insert location]*, Mauritius.

Yours Sincerely

- |                        |                        |                        |
|------------------------|------------------------|------------------------|
| • <b>(Signature)</b>   | • <b>(Signature)</b>   | • <b>(Signature)</b>   |
| • <b>(Name)</b>        | • <b>(Name)</b>        | • <b>(Name)</b>        |
| • <b>(Designation)</b> | • <b>(Designation)</b> | • <b>(Designation)</b> |
| • <b>(Address)</b>     | • <b>(Address)</b>     | • <b>(Address)</b>     |

*Insert Company Seal*

## Annex 9: Technical Data Sheet

### A. Project Description

The Solar PV Facility name	
Address of the Solar PV Facility	
Technology (Tracking or Fixed)	
Photovoltaic cell type	
Name of manufacturer	
Place of manufacture	
Make of cells	
Efficiency of photovoltaic cells	%
Installed Capacity (Peak power, $P_{max}$ )	MW <sub>dc</sub>
Total surface area of panels	m <sup>2</sup>
Ratio of the total surface area used to the power generation (area of panels)	m <sup>2</sup> / MW
Maximum net power output at the Point of Delivery ( $P_{max\_ac}$ )	MW <sub>ac</sub>
Maximum active power imported from the network (at the Point of Delivery)	kW
Ratio of the total area used and the estimated annual generation	m <sup>2</sup> /kWh
Annual Plant Degradation Factor	%

### B. Location of Point of Delivery (POD)

Desired siting & GPS Coordinates <i>(provide a Google Map showing the location of the proposed Solar PV Facility)</i>	
Name of CEB eligible substation (Consult the CEB SBP Unit)	
Distance (d) from Point of Delivery to CEB Substation in km (Please specify length as underground and/or overhead)	km

### C. Information on Photovoltaic (PV) Panels - *provide PV Module Datasheet as attachment*

Type, make and reference number of PV panels	Peak Power, $P_{max}$ (kW <sub>dc</sub> )	Technology used	Number of PV panels
Peak power installed (total installed capacity of panels)			kW <sub>dc</sub>

The PV Panels should comply with the following IEC standards: -	Please confirm by writing Comply or Not Comply
IEC 62804 (part 1 or part 2 as applicable)	
IEC 61215 – 1	
IEC 61215-2	
IEC 61701	
IEC 61730-1	
IEC 61730-2	

*The Project Developer should provide a copy of the IEC Certificates, issued by Independent Certification Authorities, confirming compliance of the PV panels which will be used in the Project.*

#### D. Information on Interconnection Transformers

Make and Reference No.	Rated Apparent Power, S/kVA	No. of Transformers
Total transformer capacity		kVA
To specify the sequence for energizing the transformers, if more than one transformer is used	<input type="checkbox"/> One by one	
	<input type="checkbox"/> Simultaneously by closing the circuit breaker	

#### E. Summary

<b>The following table outlines the different power ratings stated above so as to check the consistency of information provided</b>	
Installed generation capacity $P_{max}$	kVA
Total installed capacity of panels	kW <sub>dc</sub>
Total installed capacity of interconnection transformers	kVA
Total installed capacity of power inverters	kVA

#### F. Step-Up Interconnection Power Transformer Specifications

The table below must be filled in for each type of transformer

<b>Transformer Specifications - provide Datasheet as attachment</b>	
Make and reference No. of the transformer	
Rated Power	kVA
Rated Primary voltage	kV
Rated Secondary voltage	kV
% Impedance voltage	%
Inrush current in per-unit	p.u.
No load current	A
No load losses	kW
Load losses at rated power	kW

### G. Step-Up Generation Transformers Specifications (after Inverters)

The table below must be filled in for each type of transformer

<b>Transformer Specifications - <i>Transformers Datasheet as attachment</i></b>		
Make and reference No. of the transformer		
Rated Power		kVA
Rated Primary voltage		kV
Rated Secondary voltage		kV
% Impedance voltage		%
Inrush current in per-unit		p.u.
No load current		A
No load losses		kW
Load losses at rated power		kW

### H. Information on Inverter & Specifications - *provide Inverter Datasheet as attachment*

<b>Inverter details</b>		
(Make and Reference No.)	Rated Apparent Power, S/kVA	No. of inverters
Total installed capacity of inverter		kVA

The tables below must be filled in for each type of inverter

<b>Inverter Specifications</b>			
Rated output voltage(kV) Inverter efficiency at full load, E (%)		Rated current	<input type="checkbox"/> Single phase
			<input type="checkbox"/> Three Phase
Total Harmonic Distortion (THD) (%)		Connection Type	
		Rated power factor	

The Inverters should comply with the following IEC standards: -	Please confirm by writing Comply or Not Comply
IEC 62109-1	
IEC 62109-2	
IEC 62920	
IEC 61683	
IEC 62116	
IEC 60529	

*The Project Developer should provide a copy of the IEC Certificates, issued by Independent Certification Authorities, confirming compliance of the Inverters which will be used in the Project.*

**I. Losses and Peak Power**

Peak Power Installed	(MW <sub>dc</sub> )
Estimated Peak Losses for DC Cables, Combiner Box, Inverter, LV Cables, step up transformers and Internal Medium Voltage network reticulation	%
Estimated Peak Losses for Transformer and Seller's Switchgear/Substation	%
Estimated Losses for Transmission Line	%
Expected Peak Power at Point of Delivery	(MW <sub>ac</sub> )

**J. Estimated Annual Energy Export from the proposed Solar PV Facility**

Year	Estimated Annual Energy Export (kWh)	Year	Estimated Annual Energy Export (kWh)
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 10: Request for Clarification

*[All communications and requests for clarification in relation to this FPF must be addressed to, as indicated below, and must be in the format given below.]*

**Date:** DD/MMM/YYYY

**The Strategic Business Planning Executive  
Central Electricity Board  
CEB Corporate Office  
Rue Du Savoir  
Cybercity, Ebène  
Republic of Mauritius**

**Email :** [querygreenfieldrescheme@ceb.intnet.mu](mailto:querygreenfieldrescheme@ceb.intnet.mu)

*[Insert Project Developer name]* **Proposed** *[insert project capacity]* **Solar PV Facility under the CEB Greenfield Renewable Energy Scheme**

<b>Request No.</b>	<b>FPF Section, Page No.</b>	<b>Clarification Sought</b>
1		
2		
3		

*... add rows, if required ...*

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*



## Annex 11: Financial Information-Form 1

### Breakdown of Project Costs and Foreign/Local Components

Item	(Please provide any helpful formulae or notes)		Local Cost Component	Foreign Cost Component				Total Cost
	Formula	Notes	MUR	US\$	€	Other currency (specify)	Equivalent cost in MUR	MUR
<b>Project Costs:</b>								
<b>Feasibility study</b>								
<b>Development</b>								
<b>Engineering</b>								
Site & building design								
Mechanical design								
Electrical design								
Civil design								
Tenders and contracting								
Construction supervision								
Other (please specify)								
Other (please specify)								
<b>Power system</b>								
Photovoltaic Panels complete with combiner boxes and DC cables								
Road construction								
Interconnection line								
Eligible Substation (PV Facility + CEB Incoming Bay including Communication, Protection, Control, etc.)								
Other (Please specify)								
Other (Please specify)								

Item	(Please provide any helpful formulae or notes)		Local Cost Component	Foreign Cost Component				Total Cost
	Formula	Notes	MUR	US\$	€	Other currency (specify)	Equivalent cost in MUR	MUR
<b>Balance of system &amp; miscellaneous</b>								
Inverter								
Step-Up Transformer								
Collector support structure								
PV system installation								
Internal Distribution System & Equipment								
Building & yard construction								
Spare parts								
Transportation								
Training & commissioning								
Contingencies								
Other <i>(Please specify)</i>								
<b>Total Project Costs</b>								
Incentives/Grants (please specify):								

**Note:** Please specify the exchange rates assumed

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 12: Financial Information-Form 2

### Breakdown of Annual Costs

Item	(Please provide any helpful formulae or notes)		Base Year Prices					
			Local Cost Component	Foreign Cost Component				Total Cost
	Formula	Notes	MUR – Yr	US\$ - Yr	€ - Yr	Other currency (specify)	Equivalent cost in MUR – Yr	MUR – Yr
O&M Costs:								
Land lease & resource rental								
Property taxes								
Insurance premium								
Parts & labour								
Green House Gas (GHG) monitoring & verification								
General and administrative								
Other (please specify)								
Total O&M Costs								

**Note:** Please specify the exchange rates assumed

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

Insert Company Seal

## Annex 13: Financial Information-Form 3

### Breakdown of Periodic Costs

Item	(Please provide any helpful formulae or notes)		Base Year Prices						Interval
			Local Cost Component	Foreign Cost Component				Total Cost	
	Formula	Notes	MUR – Yr	USD – Yr	€ - Yr	Other currency (specify)	Equivalent cost in MUR – Yr	MUR – Yr	
<b>Periodic Costs:</b>									
<i>(please specify)</i>									
<i>(please specify)</i>									
End of project life									

**Note:** Please specify the exchange rates assumed

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

Insert Company Seal

## Annex 14: Financial Information-Form 4

### Breakdown of Income

Item	(Please provide any helpful formulae or notes)		Base Year Prices					
			Local Revenue Component	Foreign Revenue Component				Total Revenue
	Formula	Notes	MUR – kWh	US\$ - kWh	€ - kWh	Other currency (to specify)	Equivalent cost in MUR – kWh	MUR – kWh
Revenues:								
Electricity export income								
GHG reduction income								
Other (please specify)								
Other (please specify)								

<b>Name of Project Developer's Authorized Representative</b>					
<b>Position in the organization</b>					
<b>Signature</b>					
<b>Telephone numbers</b>					
<b>Email</b>					<b>Date</b> 

*Insert Company Seal*

## Annex 15: Financial Information-Form 5 - Project Financing

[Please complete the table below.]

### **CAPITAL STRUCTURE**

	%	million MUR
Equity		
Debt		
Total Project Capital Cost		

### **SHAREHOLDING STRUCTURE**

Name of Shareholders	%	million MUR

... add row, if required ...

### **DEBT FINANCING**

Loan Principal Amount		
Loan Currency		
Loan Period (incl. any Moratorium) years		
Annual Interest Rate	%	(state fixed or variable) (if variable, to state the reference rate (PLR, EURIBOR, or LIBOR) and the interest margin)
Payment Frequency		(e.g., monthly, semi-annually, annually)
No. of Repayments		
Moratorium (Capital + Interest) years		

Name of Project Developer's Authorized Representative			
Position in the organization			
Signature			
Telephone numbers			
Email		Date	

Insert Company Seal

Repayment #	Date	Interest Rate	Opening Balance	Principal Repayment	Interest Payment	Closing Balance
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

... add row as required ...

<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

*Insert Company Seal*

## Annex 16: Checklist of Required Documents

Documents		Please tick if provided or cross if not	
Letter of Proposal (Annex 1)			
Joint Venture Agreement (Annex 2)			
Letter delegating power to represent and act on behalf of the Project Developer (Annex 3) and copy of identification document (NIC or Passport) of the person giving the authorization and Board resolution as applicable			
Historical Contract Non-Performance, Pending Litigation and Litigation History (Annex 4)			
Financial Situation and Performance (Annex 5A)			
Financial Resources (Annex 5B)			
Format of Technical Capability (Annex 6)			
Letter of Interest from Lenders (Annex 7)			
Letter of Commitment from Project Equity Providers (Annex 8)			
Technical Data Sheet (Annex 9)			
Financial Information (Annexes 11 to 15) with model in Microsoft Excel format			
Certificate of Incorporation and Shares Register			
Google Map showing location of the proposed Solar PV Facility			
Copy of IEC Certificates for PV Panels and Inverters			
Copy of PV Panels and Inverters Datasheets			
Copy of Land Reservation Commitment Letter, Lease Agreement or Title Deeds			
Project Gantt Chart			
<b>Name of Project Developer's Authorized Representative</b>			
<b>Position in the organization</b>			
<b>Signature</b>			
<b>Telephone numbers</b>			
<b>Email</b>		<b>Date</b>	

### Important Notes:

- I. Incorrect, misleading and/or incomplete information, missing documents, non-compliance to the CEB's requirements, amongst others, will lead to the proposed Project be put on hold, until effectively rectified.
- II. Please ensure that all pages of your FPF Document are effectively signed and sealed with the Public Sector Entity (the "Project Developer") official stamped.