**PROMOTING RENEWABLE ENERGY INVESTMENTS FOR CLIMATE CHANGE MITIGATION AND SUSTAINABLE DEVELOPMENT**

United Nations Development Account Project

implemented jointly by

Economic and Social Commission for Western Asia (ESCWA) – lead agency

and Economic Commission for Europe (UNECE)

##### Project Identification Form

1. This Form is intended for early identification of technically and financially viable projects in the field of renewable energy. It is designed to help the specialists reviewing it to understand the context, key issues and requirements of your project. Please give special care and attention to every item of the Form. Missing essential elements may cause unnecessary delays in the process or lead to misinterpretation of the merits of your project.

2. The form is identical for all type of projects, the most widely considered being:

* Wind
* Solar
* Hydro
* Biomass
* Geothermal
* Solar heating/cooling
* Production of equipment and materials for renewable energy industries

3. The definition of "Owner/Project Sponsor" is a person or entity that initiates, owns and promotes the project and has decision making power on borrowing or equity distribution.

4. There is questionnaire for each of the following project categories:

* Owner/Project Sponsor
* Financial Information
* Resources and Tariffs
* Supply Resources
* Land
* Major Contracts
* Various Financial Inputs

Instructions for completing and submitting the form

a). Provide answers in the boxes as indicated

b) Attach any documents tp support your answers separately. Please indicate where relevant documentation is attached.

c) Once completed, send this form and any supporting documentation to [xxx@xxx.com](mailto:xxx@xxx.com)

**MAIN PROJECT INPUT**

|  |  |
| --- | --- |
| Topic | Answer |
| Project name: |  |
| Project sponsor[[1]](#footnote-1): |  |
| Contact person: |  |
| City: |  |
| Region: |  |
| Country: |  |
| Site location name and coordinates: |  |
| Telephone number (primary) |  |
| Mobile number |  |
| Email |  |
| Project sector[[2]](#footnote-2): Solar, Wind, Hydro, Biomass, Geothermal, Solar Heating/Cooling, Equipment and Services |  |
| Type of technology: |  |
| Equipment supplied by: |  |
| Sponsor’s relevant sector experience (attach any supporting documentation) [[3]](#footnote-3): |  |
| Project brief description: |  |

**OUTLINE FINANCING PLAN OF THE PROJECT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Type (in kind/equity/cash) | **Currency** | **% of Total** | **Interest rate**  (cost ofcapital)% |
| Owner’s Equity |  |  |  |  |
| Other Equity |  |  |  |  |
| Bank Loans, Local |  |  |  |  |
| Other Loans (Senior/ Mezzanine) |  |  |  |  |
| Grants |  |  |  |  |
| What kind of guarantees were used (company/bank/utility/government)? | | | | |

**RESOURCES AND TARIFFS**

|  |  |
| --- | --- |
| Topic | Answer |
| Project Technology (Solar, Wind, Hydro, Biomass, Geothermal, Solar Heating/Cooling, Equipment and Services) |  |
| Projected Project output (kWh/year generated, or saved, if energy) |  |
| Projected project output (units / year, if production) |  |
| Projected project life |  |
| Source of the output data. Independent study, by whom? What probability P50/P90? |  |
| Is Off-take agreement secured and when does it expire. |  |
| Off-Take entity |  |
| Off-Take Tariff/Price $/kWh or $/unit and in the currency in which it will be paid. |  |
| Capacity/energy tariffs in the country/market - $/MW and $/kWh |  |
| Details of the energy/equipment/services purchaser(s) |  |
| Is the tariff/price linked to the Retail Pricing Index (RPI) or the Power Pricing Index (PPI) |  |
| Ability to Integrate Project into Existing Infrastructure |  |
| Evidence that the Government/ Off-taker support the project |  |
| Evidence of the Risk to the project, competitors |  |
| Credit Worthiness of Sponsor |  |
| Credit Worthiness of Purchaser |  |

**SUPPLY RESOURCES**

|  |  |
| --- | --- |
| Topic | Answer |
| Are the generating/manufacturing resources available on site? |  |
| The cost of the resources/raw materials per kWh, or per unit of production/output? |  |
| Will the project be connected to the grid or to an isolated grid? |  |
| Has the technology supplier been determined |  |
| Credit Worthiness of Supplier of Technology |  |
| Equipment degradation assumption in percentage |  |

**LAND**

|  |  |
| --- | --- |
| Topic | Answer |
| Has the project been secured by a Land agreement or similar? |  |
| Topographical study |  |
| Environmental and Social Impact Assessment (ESIA) |  |
| Is the land occupied |  |
| Resettlement requirements |  |
| Local community compensation |  |
| Cost of Land |  |
| Transmission and power/products evacuation cost |  |
| Title of land plots, or land leases |  |
| Contract(s) for transfer of the land |  |
| Any other Studies? |  |

**MAJOR CONTRACTS**

|  |  |
| --- | --- |
| Topic | Answer\* |
| Power Purchasing Agreement / Purchasing Agreement |  |
| Supply Contract |  |
| Land Title |  |
| Shareholders Agreement |  |
| Operation and Maintenance Agreements |  |
| Government Support Agreement |  |
| Concession Agreement |  |
| Procurement Agreement |  |
| Engineering Agreement |  |
| Construction Permits |  |
| Connections to Utilities, Roads Permits |  |
| Draft contract for developer to construct project |  |
| Other similar Agreements, Warranties or Guarantees |  |

*\*YES or NO answer will be sufficient at this stage*

**FINANCIAL INPUT**

|  |  |
| --- | --- |
| Topic | Answer |
| Total Project Cost |  |
| Timing of The Project |  |
| Cost of Construction |  |
| Months of Construction |  |
| Completion Bond |  |
| Foundation Cost / Site infrastructure |  |
| Generation Assets / Machinery |  |
| Insurance |  |
| Connection |  |
| EPC Management |  |
| Contingency |  |
| Generation/Production Capacity |  |
| What is the project’s projected source of cash flow? Amount/year? |  |
| Is this under a fixed contract and if so, for how many years? |  |
| Projected Project output (KWh/year and/or unit $/year) |  |
| Amount pre-spent, development cost/feasibility study |  |

**EXPENSES VARIABLE**

|  |  |
| --- | --- |
| Topic | Answer |
| Operation & Management (O&M) cost per kW/h or unit of production |  |
| Consumables |  |
| Transport |  |
| Land Lease |  |
| General & Administrative Expenses |  |

**EXPENSES FIXED**

|  |  |
| --- | --- |
| Topic | Answer |
| Administration Cost per year |  |
| Operation & Management Fee per year |  |
| Insurance expenditure |  |
| Personnel Expenses |  |
| Security & Social Programmes |  |

**GENERAL FINANCIALS**

|  |  |
| --- | --- |
| Topic | Answer |
| Taxation & Duties |  |
| Reserves |  |
| Annual Investments |  |
| New/Renewal of Equipment |  |
| Funding Priority |  |
| Target Sponsor Equity |  |
| Dividends |  |
| Short Term Debt |  |
| Subordinated Debt and in how many tranches |  |
| Senior Debt and in how many tranches |  |
| Preferred Debt repayment method – equal repayment, amortising debt |  |

1. This is a person or entity that initiates, owns and promotes the project and has decision-making power on borrowings or the allocation of equity. [↑](#footnote-ref-1)
2. Sector relates to the type of technology that the project will deploy. The project financing, including mezzanine and equity investments in renewable energy projects or companies developing, manufacturing, distributing or installing renewable energy equipment or services which have or are expected to have a quantifiable impact on the reduction of greenhouse gas emissions, are environmentally beneficial and/or generate energy, carbon credits and/or tradable renewable energy certificates. [↑](#footnote-ref-2)
3. The answer should provide the track record or prior experience the sponsor has with the technology, including the number of years of experience and in which capacity. [↑](#footnote-ref-3)