**NOTICE OF INTENDED APPLICATION**

\_\_\_\_\_\_\_

**(Under S.30 Electricity Act, 1999)**

**IMPORTANT NOTE**: Your permit application is **not complete** unless all requirements herein are received and all questions are answered.

|  |  |  |
| --- | --- | --- |
| **The project is:** | Mark with **✓** | **Annex No.** |
| Hydropower |  |  |
| Bagasse |  |  |
| Biomass |  |  |
| Wind Power |  |  |
| Solar Power |  |  |
| Thermal Power (oil, natural gas or coal) |  |  |
| Geothermal |  |  |
| Other (specify) |  |  |
| Grid-connected |  |  |
| Isolated/off-grid |  |  |
|  |  |  |
| **Yes, the following are included in the Annex to our submission:** |  |  |
|  |  |  |
| **Administrative Information** |  |  |
| Three hard copies and one soft copy of the application, filled-in and duly signed application forms together will all the supporting documentation |  |  |
| Letter from our main Bank with details of relationship |  |  |
| Proof of payment of the application fee |  |  |
| Proof of payment of the performance guarantee |  |  |
| Project time plan (using ERA Gantt chart format provided) |  |  |
| Declaration of Intent between project partners to cooperate during the Feasibility stage |  |  |
| Documentary evidence of contacts/consultations with local authorities |  |  |
| Financial Model with data for applicant and partners and for project (using ERA model) |  |  |
|  |  |  |
| **Technical Information** |  |  |
| Capability statement of applicant/s |  |  |
| CVs of key team members in the ERA CV format provided |  |  |
| Terms of Reference for key team members |  |  |
| Project references of applicant/s in the ERA reference format provided |  |  |
| Prefeasibility study including environmental and social scoping report |  |  |
| Map(s) of project area (1:50,000) |  |  |
| Map with access roads |  |  |
| Tentative project layout map/plan |  |  |
|  |  |  |
| **Legal Information for all Partners** |  |  |
| FOR PRIVATE SECTOR APPLICANTS: |  |  |
| Certified copy of Certificates of Incorporation or Certificate of Registration for foreign companies |  |  |
| Certified copies of the applicant’s Memorandum and Articles of Association |  |  |
| Certified copy of Form No. 7 (particulars of Directors and Secretary of the Company) |  |  |
| Certified copy of the Certificate of Incorporation of the applicant’s technical partner |  |  |
| Certified copies of the Memorandum and Articles of Association of the financial partner/sponsor |  |  |
| Certified copies of registered documents with Registrar of companies at submission |  |  |
| Memorandum of Understanding between the applicant and the project sponsor |  |  |
| Memorandum of Understanding between the applicant and the technical partner(s) |  |  |
| Company structure and ownership |  |  |
| Certified Audited Financial Statements of the applicant and all partners for the last three years |  |  |
|  |  |  |
| FOR NGOs AND CBOs: |  |  |
| Certified copy of the Certificates of Registration |  |  |
| Certified copy of the Constitution |  |  |
| Certified copy of the partners’ Memorandum of Understanding/Declaration of Intent to cooperate |  |  |
| Certified copy of the Certificate of Incorporation of the applicant’s technical partner |  |  |
| Certified copies of the Memorandum and Articles of Association of the financial partner/sponsor |  |  |

|  |
| --- |
| **Guidance to Applicants**   * Applicants should note that permits are strictly non-transferrable. If at the end of the permit phase, insufficient progress has been made with the development of the feasibility study, then an extension may not be granted, and the performance guarantee will not be refunded by ERA. The permit will then be revoked in conjunction with a notice advertising such in selected national media. * The space provided in the text boxes is not an indication of the amount of text to be provided – applicants may expand this as needed unless otherwise stated. * ERA encourages applicants to submit typed application forms using MS Word. * Instructions are provided in italics where relevant in the Application Form. * All financial data is to be included in US dollars. Applicants shall use the Financial Model, provided by ERA, to derive the data for Section 3 of the NIA “Financial and Economic Status and Overview for Applicant/Partners” * ERA require that a Prefeasibility Study has been developed using the standard ERA template in order to give ERA the best possible basis for evaluating your application. The Prefeasibility Study is available for download from ERA’s website. * In order to be deemed eligible, and to progress to the evaluation, the annex to your completed application form shall include the following using the ERA standard template formats, which are available for download from our website:   + Prefeasibility Study   + Gantt chart   + Expert CVs   + Project references   + Declaration of intent from partner(s)   + Project Financial Model * Applicants shall be aware that the following documents are required for the License Application. The ERA standard templates for these may be downloaded from ERA’s website, some of which are technology specific:   + Feasibility Study   + Environmental and Social Impact Assessment Study   + Business Plan   + Project Financial Model * In addition templates are provided on ERA’s website for the following plans which may be relevant for your project: Resettlement Action Plan and Stakeholder Engagement Plan. |

# PARTICULARS OF APPLICANT/PARTNERS

## Names, Physical and Postal Address of Applicant/Partners

|  |  |  |
| --- | --- | --- |
| Table 1.1a: Names, physical and postal address of applicant | | |
| a) | Name: |  |
| b) | Physical address: |  |
| c) | Postal address: |  |
| d) | Tel: |  |
| e) | Fax: |  |
| f) | Cell Phone: |  |
| g) | E-mail: |  |
| h) | Tin number: |  |
| i) | VAT Reg.: |  |
| j) | Website Address: |  |

|  |  |  |
| --- | --- | --- |
| Table 1.1b: Names, physical and postal address of partner\* | | |
| a) | Name: |  |
| b) | Physical address: |  |
| c) | Postal address: |  |
| d) | Tel: |  |
| e) | Fax: |  |
| f) | Cell Phone: |  |
| g) | E-mail: |  |
| h) | Tin number: |  |
| i) | VAT Reg.: |  |
| j) | Website Address: |  |

*\* Repeat as necessary for all partners*

## Name of Proposed Business if Different from Above

|  |  |  |
| --- | --- | --- |
| Table 1.2: Name of proposed business if different from above | | |
| a) | Name: |  |
| b) | Physical address: |  |
| c) | Postal address: |  |
| d) | Tel: |  |
| e) | Fax: |  |
| f) | Cell Phone: |  |
| g) | E-mail: |  |
| h) | Website Address: |  |

## Name and Contact Details of Applicant’s Contact Person

|  |  |  |
| --- | --- | --- |
| Table 1.3: Name and contact details of applicant’s contact person | | |
| a) | Name: |  |
| b) | Physical address: |  |
| c) | Postal address: |  |
| d) | Tel: |  |
| e) | Cell Phone: |  |
| f) | E-mail: |  |
| g) | Website Address: |  |

# LEGAL STATUS OF APPLICANT/partnerS

## Legal Status of Applicant, Including all Partners

*Repeat Table 2.1 and 2.2 for all partners*

*Legal requirements:*

***Company***

*For all partners:*

* *Certified copy of the applicant’s Certificate of Incorporation or Certificate of Registration for foreign companies;*
* *Certified copy of the applicant’s Memorandum and Articles of Association;*
* *Certified copy of Company Form No. 7 – particulars of Directors and Secretary of the Company.*
* *Certified copy of the Certificate of Incorporation of the applicant’s technical partner, where applicable;*
* *Certified copy of the Memorandum and Articles of Association of the applicant’s financial partner/project sponsor, where applicable;*
* *Certified copies of any other documents registered with the Registrar of Companies at the time of submission of the application;*
* *Where the project sponsor is another Company other than the applicant, a valid Memorandum of Understanding between the Applicant and the project sponsor will be required, specifically committing to sponsor the detailed feasibility study and project construction;*
* *Company structure and ownership;*
* *Declaration of intent to cooperate on project signed by all partners;*
* *A valid Memorandum of Understanding between the Applicant and each of the technical partner(s), specifying roles and responsibilities of each party; and,*
* *Any other documents that the Authority deems relevant.*

*N.B:*

*\*In addition to the above, the first three items may be required where the shareholders of the Company are legal entities.*

*\*\*All up to date amendments (as at the time of submission of the application) to the first three items should be delivered to the Authority.*

*\*\*\*Where certified documents are required, submit certified copies not photocopies of certified documents.*

***Non-Governmental Organization (NGO) and Community-Based Organization (CBO)***

*For all partners:*

* *Certified copy of the Certificate of Registration of the NGO/CBO;*
* *Certified copy of the Constitution of the NGO/CBO;*
* *Certified copy of the Memorandum of Understanding/ resolution by members to engage in the activity specified in the application;*
* *Certified copy of the Certificate of Incorporation of the applicant’s technical partner, where applicable;*
* *Certified copy of the Memorandum and Articles of Association of the applicant’s financial partner/project sponsor, where applicable;*
* *Declaration of intent to cooperate on project; and,*
* *Any other document that the Authority deems relevant.*

|  |  |  |
| --- | --- | --- |
| Table 2.1a: Indicate legal status of applicant | | Mark with **✓** |
| a) | Name: |  |
| b) | Public Limited Liability Company |  |
| c) | Private Limited Liability Company |  |
| d) | Cooperative Union Society |  |
| e) | Other (please specify below) |  |
|  |  |

|  |  |  |
| --- | --- | --- |
| Table 2.1b: Indicate legal status of partner\* | | Mark with **✓** |
| a) | Name: |  |
| b) | Public Limited Liability Company |  |
| c) | Private Limited Liability Company |  |
| d) | Cooperative Union Society |  |
| e) | Other (please specify below) |  |
|  |  |

*\* Repeat as necessary for all partners*

## List and Particulars of Company Owners/Legally Representative Directors

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 2.2: List and particulars of company owners/legally representative directors | | | | | | |
| Name of Applicant: | | | | | | |
|  | Name | Address, Phone and E-mail | Nationality | Country of Residence | Brief Summary of CV/experience | CV attached in standard format? (Y/N) |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| Etc |  |  |  |  |  |  |

# FINANCIAL AND ECONOMIC STATUS AND OVERVIEW FOR APPLicant/PARTNERS

## Certified Audited Financial Statement and Accounts for the Last Three Years

*Enclose Table 3.1 for all partners*

*Requirements:*

* *Copies of Certified Audited Financial Statements of the applicant for the last three years (or latest three years) prior to application;*
* *In cases where the applicant is newly instituted (i.e., special purpose vehicle) and intends to seek financial support from another company or sponsor, copies of certified Audited Financial Statements of that sponsor for the last three years (or latest three years) will be required;*
* *Use Project Financial Model. The project Financial Model has to be attached in a softcopy on USB or CD-rom.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 3.1a: Applicant’s certified audited financial statement and accounts in USD for the last three years | | | | | |
| Name of Applicant: | | | | | |
|  | | Actual year  -3 | Actual year  -2 | Actual year  -1 | Comments |
| a) | Share Capital |  |  |  |  |
| b) | Loans |  |  |  |  |
| c) | Value of Assets |  |  |  |  |
| d) | Value of similar assets as the project |  |  |  |  |
| e) | Gross Income / total revenue from activities |  |  |  |  |
| f) | Net income/net revenue |  |  |  |  |
| g) | Operating costs |  |  |  |  |
| h) | Financial costs |  |  |  |  |
| i) | Return on Assets |  |  |  |  |
| j) | Return on Equity |  |  |  |  |
| k) | Debt to Equity ratio |  |  |  |  |
| l) | EBITDA |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 3.1b: Partner’s certified audited financial statement and accounts in USD for the last three years\* | | | | | |
| Name of Partner: | | | | | |
|  | | Actual year  -3 | Actual year  -2 | Actual year  -1 | Comments |
| a) | Share Capital |  |  |  |  |
| b) | Loans |  |  |  |  |
| c) | Value of Assets |  |  |  |  |
| d) | Value of similar assets as the project |  |  |  |  |
| e) | Gross Income / total revenue from activities |  |  |  |  |
| f) | Net income/net revenue |  |  |  |  |
| g) | Operating costs |  |  |  |  |
| h) | Financial costs |  |  |  |  |
| i) | Return on Assets |  |  |  |  |
| j) | Return on Equity |  |  |  |  |
| k) | Debt to Equity ratio |  |  |  |  |
| l) | EBITDA |  |  |  |  |

*\* Repeat as necessary for all partners*

## Auditor’s Name and Address

*Enclose Table 3.2 for all partners*

*Requirements:*

* *If changed during the last four years please provide information on all Auditors*

|  |  |  |
| --- | --- | --- |
| Table 3.2a: Name and contact details of applicant’s auditor\* | | |
| Applicant’s Name: | | |
| a) | Name: |  |
| b) | Physical address: |  |
| c) | Postal address: |  |
| d) | Tel: |  |
| e) | E-mail: |  |
| f) | Website Address: |  |
| g) | Years (from – to): |  |
| h) | Certificate number: |  |

*\* Repeat as necessary for all auditors*

|  |  |  |
| --- | --- | --- |
| Table 3.2b: Name and contact details of partner’s auditor\* | | |
| Partner’s Name\*\*: | | |
| a) | Name: |  |
| b) | Physical address: |  |
| c) | Postal address: |  |
| d) | Tel: |  |
| e) | E-mail: |  |
| f) | Website Address: |  |
| g) | Years (from – to): |  |
| h) | Certificate number: |  |

*\* Repeat as necessary for all auditors of partner*

*\*\* Repeat as necessary for all partners*

## Bankers and Financial References

*Repeat Tables 3.3c and 3.3d for all partners*

*Requirements:*

* *Letter from main banks with details of relationship*

|  |  |  |
| --- | --- | --- |
| Table 3.3a: Name and contact details of applicant’s bankers in Uganda\* | | |
| Applicant’s Name: | | |
| a) | Name of bank: |  |
| b) | Contact person |  |
| c) | Address: |  |
| d) | Tel: |  |
| e) | E-mail: |  |
| f) | Website Address: |  |
| g) | Registration number |  |

*\* Repeat as necessary for all bankers in Uganda*

|  |  |  |
| --- | --- | --- |
| Table 3.3b: Name and contact details of applicant’s bankers outside Uganda\* | | |
| Applicant’s Name: | | |
| a) | Name of bank: |  |
| b) | Contact person |  |
| c) | Address: |  |
| d) | Tel: |  |
| e) | E-mail: |  |
| f) | Website Address: |  |
| g) | Registration number |  |

*\* Repeat as necessary for all bankers outside Uganda*

|  |  |  |
| --- | --- | --- |
| Table 3.3c: Name and contact details of partner’s bankers in Uganda\* | | |
| Partner’s Name\*\*: | | |
| a) | Name of bank: |  |
| b) | Contact person |  |
| c) | Address: |  |
| d) | Tel: |  |
| e) | E-mail: |  |
| f) | Website Address: |  |
| g) | Registration number |  |

*\* Repeat as necessary for all bankers of partner in Uganda*

*\*\* Repeat as necessary for all partners*

|  |  |  |
| --- | --- | --- |
| Table 3.3d: Name and contact details of partner’s bankers outside Uganda\* | | |
| Partner’s Name\*\*: | | |
| a) | Name of bank: |  |
| b) | Contact person |  |
| c) | Address: |  |
| d) | Tel: |  |
| e) | E-mail: |  |
| f) | Website Address: |  |
| g) | Registration number |  |

*\* Repeat as necessary for all bankers of partner outside Uganda*

*\*\* Repeat as necessary for all partners*

## References on Insurance Status

*Repeat Table 3.4 for all partners*

*Requirements:*

* *Enter insurers based on on-going undertakings*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 3.4a: Insurance | | | | | | |
| Applicant’s Name: | | | | | | |
|  |  | Name and address of Insurance company | Contact person | Insurance policy number | Issue date and expiry date | Coverage (USD)\* |
| a) | Professional liability insurance |  |  |  |  |  |
| b) | Insurance for damages |  |  |  |  |  |
| c) | Construction |  |  |  |  |  |
| d) | Operation of plant(s) |  |  |  |  |  |
| e) | Other |  |  |  |  |  |

*\* Amount should cover project risks*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table 3.4b: Insurance | | | | | | |
| Partner’s Name\*\*: | | | | | | |
|  |  | Name and address of Insurance company | Contact person | Insurance policy number | Issue date and expiry date | Coverage (USD)\* |
| a) | Professional liability insurance |  |  |  |  |  |
| b) | Insurance for damages |  |  |  |  |  |
| c) | Construction |  |  |  |  |  |
| d) | Operation of plant(s) |  |  |  |  |  |
| e) | Other |  |  |  |  |  |

*\* Amount should cover project risks*

*\*\* Repeat as necessary for all partners*

## Intended Funding for the Proposed Project

### Indicative Budget for the Proposed Project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table 3.5.1: Indicative budget for the proposed project | | | | |
|  |  | 1000 USD | Funding source(s) | Planned start-up date |
| a) | Prefeasibility Study |  |  |  |
| b) | Permit Application (ERA) |  |  |  |
| c) | Feasibility Study |  |  |  |
| d) | ESIA |  |  |  |
| e) | RAP |  |  |  |
| f) | Business Plan |  |  |  |
| g) | Power evacuation study |  |  |  |
| h) | Licence Application |  |  |  |
| i) | Project Construction |  |  |  |
| j) | Project Commissioning |  |  |  |
| k) | **Total for project** |  |  |  |

### Budget for the Feasibility Study Phase, Including Funding

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table 3.5.2: Budget for the feasibility study phase | | | | |
|  |  | 1000 USD | Planned start-up date | Comments |
| a) | Meetings with financial institutions |  |  |  |
| b) | Meetings with permitting authorities (DWRM, NEMA, etc.) |  |  |  |
| c) | Meetings with local stakeholders (council, etc.) |  |  |  |
| d) | Meetings on power evacuation (UETCL, REA, etc.) |  |  |  |
| e) | Terms of reference for consultant/engineer for Feasibility Study and the ESIA Study |  |  |  |
| f) | Procurement of consultant/engineer for Feasibility Study and the ESIA Study |  |  |  |
| g) | Development of quarterly progress reports |  |  |  |
| h) | Topographical study |  |  |  |
| i) | Hydropower: Hydrological study |  |  |  |
| i) | Biomass and Bagasse: Fuel supply study |  |  |  |
| i) | Wind Power: Wind measurements |  |  |  |
| i) | Solar Power: Solar radiation study |  |  |  |
| i) | Thermal Power: Fuel supply study |  |  |  |
| i) | Geothermal Power: Geothermal study |  |  |  |
| i) | Other studies |  |  |  |
| j) | Geo-technical and Seismic studies |  |  |  |
| k) | Environmental and Social Impact Assessment |  |  |  |
| l) | Resettlement Action Plan |  |  |  |
| m) | Design optimisation |  |  |  |
| n) | Basic design |  |  |  |
| o) | Network studies |  |  |  |
| p) | Financial and economic ana-lyses |  |  |  |
| q) | Construction planning |  |  |  |
| r) | Risk assessment studies |  |  |  |
| s) | Preparation of Feasibility Study Report |  |  |  |
| t) | Construction planning |  |  |  |
| u) | Business Plan development |  |  |  |
| v) | Draft PPA |  |  |  |
| w) | **Total** |  |  |  |

### Intended Finance for the Implementation of the Proposed Project

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 3.5.3: Intended finance for project implementation | | | | | |
|  |  | 1000 USD | % of total financing | Loan repayment period | Comments |
| a) | Equity part |  |  |  |  |
| b) | Corporate debt |  |  |  |  |
| c) | Loan Capital from Private Ugandan Banks |  |  |  |  |
| d) | Loan Capital from Private International Banks |  |  |  |  |
| e) | Grants from International Donors |  |  |  |  |
| f) | Loans from International Donors |  |  |  |  |
| g) | Mezzanine (Subordinated) debt |  |  |  |  |
| h) | Loans from equipment suppliers and contractors |  |  |  |  |
| i) | **Total financing** |  |  |  |  |

### Initial Assessment of the Financial Viability

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table 3.5.4: Initial assessment of project’s financial viability | | | | |
|  |  | Project value | Threshold value | Units |
| a) | Net present value (NPV) |  | > 0 | 1000 USD |
| b) | Internal Rate of Return (IRR) |  | > Rate of return on state public debt (xx %). | % |
| c) | Payback period |  | Less than lifetime of project or less than lifetime of possible licence. | Years |

# MAIN areas of BUSINESS ACTIVITY

## Applicant’s Main Areas of Business Activity

*Requirements:*

* *Applicants may submit brochures, capability statements, etc. on company background*
* *Describe experiences from similar electricity generation businesses*

|  |  |  |
| --- | --- | --- |
| Table 4a: Main Business Activity of Applicant | | |
| Name of Applicant: | | |
| a) | Please describe what business activity the applicant is currently engaged in |  |
| b) | Please describe the overall purpose of the project |  |

## Partner’s Main Areas of Business Activity

*Requirements:*

* *Applicant partners from outside Uganda should indicate their connections to Uganda*
* *Describe experiences from similar electricity generation businesses*

|  |  |  |
| --- | --- | --- |
| Table 4b: Main Business Activity of Partner\* | | |
| Name of Partner: | | |
| a) | Please describe what business activity the partner is currently engaged in |  |
| b) | Please describe the overall purpose of the project |  |

*\* Repeat as necessary for all partners*

# Technical Capacity and Experience

## Technical and Industrial Competence of Applicant Including Partners

*Requirements:*

* *Statement of applicant’s technical and industrial competence and experience to undertake the proposed project;*
* *The applicant’s company profile or that of its technical partner(s), giving details of similar projects/assignments previously undertaken using Project Reference format provided;*
* *In case the applicant is newly instituted, company profile(s) of the technical partner(s) will be required.*

|  |  |  |
| --- | --- | --- |
| Table 5.1: Technical and industrial competence of applicant and partners | | |
| a) | Provide a detailed statement of applicant’s technical and industrial competence and experience to undertake the proposed project. (Use additional sheets if necessary) |  |
| b) | Provide a detailed statement of partner’s technical and industrial competence and experience to undertake the proposed project. (Use additional sheets if necessary) |  |

## Technical Contact Person/Project Manager

*Requirements:*

* *Submit a signed curriculum vitae of technical contact person/project manager using the standard CV template provided*

|  |  |  |
| --- | --- | --- |
| Table 5.2: Name and contact details of technical contact person/project manager | | |
| a) | Name: |  |
| b) | Address: |  |
| c) | Tel: |  |
| d) | E-mail: |  |
| e) | CV submitted (Y/N): |  |

## Key Personnel for Feasibility Study

*Requirements:*

* *Signed curriculum vitae (CVs) of key personnel that are expected to provide expertise (environmental, hydrological, electro-mechanical, civil, geological, legal/contract manager, financial and economic, etc.) during the detailed feasibility study phase in respect of the proposed project;*
* *Use standard CV template provided;*
* *If consultants are yet to be identified, then the Terms of Reference for the consultants may be attached instead. ERA must then be given an opportunity to approve the experts*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table 5.3: Presentation of team for Feasibility Study | | | | |
|  | Name | Area of responsibility | Brief Summary of CV/experience | CV attached in standard format? (Y/N) |
| a) |  |  |  |  |
| b) |  |  |  |  |
| c) |  |  |  |  |
| d) |  |  |  |  |
| Etc. |  |  |  |  |

## Relevant Experience

*Requirements:*

* *Maximum 15 project references using the standard format provided.*

|  |  |  |  |
| --- | --- | --- | --- |
| Table 5.4: Presentation of relevant experience | | | |
|  | Date  (mm/yyyy – mm/yyyy) | Project title | Project reference attached in standard format? (Y/N) |
| 1) |  |  |  |
| 2) |  |  |  |
| 3) |  |  |  |
| 4) |  |  |  |
| 5) |  |  |  |
| Etc. |  | *Max. 15 project references* |  |

## Feasibility Study Implementation Plan

### Description of Approach for Feasibility Study

*Requirements:*

* *Approach to be used for implementation of Feasibility Study, the ESIA study and all other studies up to license application*

|  |
| --- |
| Table 5.5.1: Approach for Feasibility Study |
|  |

### Time Plan for Implementation of the Feasibility Study

*Requirements:*

* *Include completed Gantt Chart using ERA template provided indicating a list of all activities (environmental, hydrological, electro-mechanical, civil, geological, etc.) anticipated to be carried out during the detailed feasibility study and engineering design phase, complete with their corresponding timeframes.*
* *Timeframes within which you expect to obtain each of the required consents and approvals should be indicated in the Gantt chart.*

|  |  |
| --- | --- |
| Table 5.5.2: Feasibility study time plan | |
| Gantt chart attached in standard format? (Y/N) | Comments to Gantt Chart |
|  |  |

# DESCRIPTION OF PROPOSED RENEWABLE ENERGY PROJECT

## Description of Intended RE Project

*Requirements:*

* *Description of the intended project, including but not limited to key parameters based on which the estimated project installed capacity was derived;*
* *The Prefeasibility Study shall be submitted to ERA together with the Notice of Intended Application*

|  |
| --- |
| Table 6.1: Project description |
|  |

## Key Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| Table 6.2: Project parameters | | | |
|  | Type of project | Parameter | Data |
| a) | Hydropower | Name of River(s)? |  |
| Run of river or dam? |  |
| Expected dimensioning water flow in m3/s |  |
| b) | Bagasse/co-generation | Type of fuel (e.g. bagasse) |  |
| Fuel supply in tons per year |  |
| c) | Biomass | Type/s of biomass |  |
| Combustion, thermal gasification or anaerobic gasification? |  |
| Fuel supply in tons per year |  |
| d) | Wind Power | Dimensioning wind in m/s |  |
|  |  |
| e) | Solar Power | Solar radiation |  |
|  |  |
| f) | Thermal Power | Type/s of fuel |  |
| Fuel supply in tons or m3 per year |  |
| g) | Geothermal Power |  |  |
|  |  |
| h) | Others (specify) |  |  |
|  |  |

## Project Site/Utilities

*Requirements:*

* *Detailed Project location, including a topographical map of scale 1:50,000. GPS coordinates of key components of the proposed project should be superimposed on the map so as to clearly demarcate the project area.*
* *The GPS coordinates should be prepared in accordance to the Ugandan datum and coordinate system (local Uganda datum– ARC1960). In addition, the village, Sub county and District in which the proposed project shall be located should be provided.*
* *Tentative project layout map/plan.*
* *Indicate whether access roads are required.*

|  |  |
| --- | --- |
| Table 6.3: Project site/utilities | |
| Map(s) attached in required format? (Y/N) | Comments to map(s) |
|  |  |

## Main Technical Aspects/Design of the Project based on the Prefeasibility Study

|  |
| --- |
| Table 6.4: Main technical aspects/project design |
|  |

*\* Max. 200 words*

## Amount of Power to be Generated

*Requirement:*

* *Project capacity data including GWh/year*

|  |  |  |  |
| --- | --- | --- | --- |
| Table 6.5: Expected generation | | | |
| a) | Average generation during wet season |  | MW |
| b) | Average generation during dry season |  | MW |
| c) | Mean annual energy during peak periods |  | GWh |
| d) | Mean annual energy during off-peak periods |  | GWh |
| e) | Total annual energy |  | GWh |

## Nearby Communities

*Requirement:*

* *“Project area” includes the land needed for the project, including the power plant, distribution/transmission line and other related infrastructures (e.g. water conduits, access roads etc.);*
* *Describe size and characteristics of nearby communities (population, distance to project area etc.)*

|  |
| --- |
| Table 6.6: Description of nearby communities to the project area |
|  |

## Land Use at the Project Area

*Requirement:*

* *Determine the land uses at the project area, e.g. farmland, wetland, national park etc. and estimate the total percentage for each land use;*
* *Where relevant, include photos to illustrate land use at the project area.*

|  |
| --- |
| Table 6.7: Land use at project area |
|  |

## Access Roads Required for the Project

*Requirement:*

* *Attach map indicating access roads.*

|  |
| --- |
| Table 6.8: Describe access roads required for project |
|  |

## Transmission and Distribution Infrastructure Required for Power Evacuation

*Requirement:*

* *Provide information on:*
* *The proposed interconnection point*
* *The length of the distribution/transmission (evacuation) line*
* *The grid owner/operator*

|  |
| --- |
| Table 6.9: Describe transmission and distribution infrastructure for power evacuation |
|  |

## Contact/Consultations with Local Authorities

*Requirement:*

* *Documentary evidence of having initiated contact/consultations with the local authorities in the project area;*
* *This evidence could be in form of signed minutes of meetings held, council resolutions, letters of support from district/local authorities, etc.*

|  |
| --- |
| Table 6.10: Describe contact/consultations with local authorities |
|  |

## State if there is a need to purchase land for the project, and whether there is a need to access public and/or private land

*Requirement:*

* *Briefly detail the land ownership of the land required both for the project and its related infrastructures, e.g. transmission lines (public/private/community owned), access roads;*
* *Indicate whether the owners of the land have indicated a willingness to offer land for the project.*

|  |
| --- |
| Table 6.11: Land purchase requirements |
|  |

## Specified Consents/Licences Required from Other Public Authorities to Undertake Project and their Status (attach relevant documents):

*Requirement:*

* *The Applicant must demonstrate awareness of relevant consents and permits required under any other law for the proposed activity by completing this table with the dates for when receipt of the consents is anticipated. The given consents can be deleted;*
* *If your project is located in a protected area you may be required to get specific permission from the relevant authorities to get access, e.g. Forests Authority, Wildlife Authority.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table 6.12: Consents/licenses | | | | |
|  | Consent Required | From Whom | Rationale | Estimated date for consent |
| a) | Uganda environmental approval  *[The National*  *Environment Act, 1995]* | NEMA | The approval allows NEMA to ensure that the project and its mitigation plans comply with Ugandan standards for environmental and social impact. |  |
| b) | The National Environmental Regulation (Riverbanks, lakeshore, wetland) (2010) | NEMA | Where the project is on a protected river or wetland, NEMA will require the developer to additionally apply for a permit to operate on the riverbank. |  |
| c) | Surface Water Permit (or ”Abstraction Permit”)  *[The Water Statute 1995; Water Resources Regulations 1998]* | DWRM | The permit allows DWRM control over the use of surface water so that no other parties, for example farmers are negatively affected and so that no other negative effects on the surface water system occur. The permit specifies the minimum water flow that should be maintained in the river. |  |
| d) | Construction Permit  *[The Water*  *Statute 1995;*  *Water Resources Regulations 1998]* | DWRM | The permit allows DWRM control over the impacts on surface water during construction so that no unacceptable negative effects on the surface water system occur – for example significant pollution. |  |
| e) | Licence/  Concession for use of river/land  *[Land Act, 1998]* | Landowner | For hydropower projects, or projects sited on land held in trust by the Government, the developer is required to obtain a licence or concession from the landowner. Where the land is held by local authorities, then the concession should be obtained from the relevant local authority. |  |
| f) | Riparian consents | MWE\*\* | Where the project impacts on water flow to other countries, it may be necessary to obtain the consent from these countries. |  |
| g)\* |  |  |  |  |
| h)\* |  |  |  |  |

*\* Add additional requirements here \*\*Ministry of Water and Environment*

# COMMERCIAL ASPECTS OF THE PROJECT

## State Intended Market for Generated Power

*Requirement:*

* *Own use off-site concerns only supply with own distribution line on own land and not passing a distribution concession area*

|  |  |  |
| --- | --- | --- |
| Table 7.1: Expected generation | | |
|  |  | Mark with **✓** |
| a) | Own use on-site |  |
| b) | Own use off-site, within own land |  |
| c) | Off-grid: Own distribution |  |
| d) | Off-grid: Sales to local distribution utility |  |
| e) | Sales to national grid |  |

## State Regions (Areas) to which the Power Shall be Supplied

*Requirement:*

* *If c) or d) above, state the regions (areas) to which the power shall be supplied, expected number of customer connections and the expected sale of electricity in MW and in GWh/year*

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| --- |
| Table 7.2: Power supply regions/areas |
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# ENVIRONMENTAL AND SOCIAL IMPACTS OF THE PROJECT

## Impacts on Socio-economics

*Requirements:*

* *Please provide information on how the project is expected to influence the surrounding society and economic situation, for example how many jobs is it estimated will be created during the construction phase?*
* *Indicate how the project will affect the livelihoods of the people in the project area, for example skills training and/or restricted access to natural resources.*
* *What is the anticipated proportion of the workforce during (a) construction and (b) operations that will be sourced from local employees that are resident in the district?*
* *Will the project cause the displacement of people living in the area, either physical or economic, and either temporary or permanent)*
* *How many people will be affected?*

|  |
| --- |
| Table 8.1: Impacts on socio-economics |
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## Impacts on Cultural Heritage

*Requirements:*

* *Note whether there are any known cultural heritage sites in the project area, and their distance from the power plant. These include archaeological sites, buildings and constructions with protected status, graves and spiritual sites as well as places of worship.*

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| --- |
| Table 8.2: Impacts on cultural heritage |
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## Impacts on Environment

*Requirements:*

* *Note the impacts that may result from project activities and have consequences for the environment and the surrounding communities, for example noise from blasting operations, air emissions and dust from project activities during construction, landscape alteration and increased traffic due to heavy goods vehicle operations.*

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| --- |
| Table 8.3: Impacts on environment |
|  |

## Impact on Natural Resources

*Requirements:*

* *Note how the project affects natural resources that are used by local communities, for example water for drinking and washing, and biomass that is used as a fuel.*
* *Note if and how the project will locally source building aggregates (rock and sand) for construction works.*
* *Note the volumes of aggregate that are needed from local quarries.*

|  |
| --- |
| Table 8.4: Impacts on natural resources |
|  |

## Impact on Wildlife

*Requirements:*

* *Wildlife includes all plants, fungi and other organisms, which grow or live wild in an area without being introduced by humans.*
* *Note whether the project is in a protected area, and the conservation status of that area (national park, game reserve, etc.).*
* *Note any likely wildlife impacts and whether it will specifically affect flora and/or fauna. Provide the conservation status of the affected species, e.g. using the IUCN red listed species categorisation.*
* *Note whether the species affected are protected according to Ugandan law or international conventions.*

|  |
| --- |
| Table 8.5: Impacts on wildlife |
|  |

## Any Other Relevant Information (use Additional Sheets if Appropriate)

*Requirements:*

* *For example, whether the applicant/partners have an environmental management system, or a health and safety management system in place, or an environmental policy. Is the management system certified?*
* *State whether this also covers project activities.*
* *Does the applicant/partners have a CSR policy in place? What activities have taken place in previous projects?*
* *If international financial institutions are being considered in the finance, is it likely that they will place environmental and social requirements on the project – please elaborate.*

|  |
| --- |
| Table 8.6: Any other relevant information |
|  |

# DECLARATION BY THE APPLICANT:

The proposed project is not unlawful or contrary to the interest of Uganda. I/we

hereby declare that the details stated above are, to the best of my/our knowledge,

true and correct.

Dated this \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_

# AUTHORISED SIGNATURE/S AND SEAL OF APPLICANT/S

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SEAL**

## Witness To Above Signatures

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **Signature** |
|  |  |  |
|  |  |  |
|  |  |  |

**FOR OFFICIAL USE ONLY**

|  |
| --- |
| 1. Date of submission of application |
|  |

|  |
| --- |
| 1. Fees paid and receipt number |
|  |

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| --- |
| 1. Performance guarantee and receipt number |
|  |

|  |
| --- |
| 1. Results of verification for completeness |
|  |

|  |
| --- |
| 1. Dates and Newspapers in which Application is advertised: |
|  |

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| --- |
| 1. Results of Public Hearing: |
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| --- |
| 1. Recommendation ERA Secretariat |
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| 1. Decision of ERA |
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| --- |
| 1. Issue date of Permit |
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| --- |
| 1. Expiry date of Permit |
|  |

|  |
| --- |
| 1. Other relevant information |
|  |