

**CONSTRUCTION OF YOUTH AND CHILDREN DEVELOPMENT CENTRE
“XXXX” PROJECT
TERMS OF REFERENCE (TOR) FOR ENVIRONMENTAL IMPACT ASSESSMENT
(EIA)**

A. Introduction

Article 67 of the Organic Law N° 04/2005 of 08/04/2005 determining the modalities of protection, conservation and promotion of environment in Rwanda stipulates that every development project shall be required to undergo Environmental Impact Assessment prior to its commencement.

The Ministerial Order N° 004/2008 of 15/08/2008 establishing the list of works, activities and projects that have to undertake an environmental impact assessment includes this project in a category of “construction of hotels and large public buildings which house more than a hundred people per day”;

It is in this regard that, Mr....., Board Chairman of Rwanda, developers of the project in..... Cell, Sector, District, Eastern Province, submitted the project brief to Environmental Compliance Service in Investment Implementation Division of RDB for screening and formulation of Terms of Reference for its EIA study.

B. Project developer

ASSIST -RWANDA

C. Plot description and localization

Area: (4ha 63a)

Standing: High

Localisation: Cell:, **Sector:**, **District:**, Eastern Province

D. Terms of reference for the study

During the site visit the EIA staff of RDB noticed that the project is located in high standing residential area and its activities may have potential impacts on the environment and neighbors.

Major impacts that are expected to arise as a result of the implementation of the project include:

- Contamination of ground water by generated wastewater and faecal matter;
- Effects of sewage, and wastewater from the washing and kitchen activities;
- Effects of generated solid wastes;
- Risk of noise pollution during construction of vehicles and its related impacts due to the implementation of such project;
- Risk of excess soil being eroded and deposited on the site;
- Risk of accidents during the construction and operation phases;
- Impact of rain water on the project site;

Therefore, in accordance to the article 69 of the Organic Law determining the modalities of protection, conservation and promotion of environment in Rwanda, the developer is required to produce a comprehensive EIA report and submit it to Rwanda Development Board (RDB) for review and approval.

The following terms of reference have been prepared to not only facilitate determine the magnitude and extent of negative environmental impacts of the project but also to identify corresponding mitigation measures that will be put in place to offset, reduce or minimize the impact that is potential, or likely to arise in the cause of project implementation.

1. Description of the project

Detailed project description including the area of influence (spatial and temporal boundaries), location, layout, different activities related to the project etc:

- Description of the geographic area of the project;
- Project size and land requirement;
- Objectives of the project;
- Description of all activities associated with all development stages from site preparation, engineering activities, construction and exploitation to closing, staffing and employment related to each phase of the project namely: high power electricity supplies, communication cables, water supply and sewerage infrastructures ;
- Description of all equipments associated with all development stages of the project.

2. Baseline data

Analysis, evaluation and presentation of the initial state of the site on relevant environmental characteristics of the study area

- Description of the study area;
- Detailed description of the existing environment;
- Description of present land use of the project and areas contiguous to it;
- Summary of information on the status of the location;
- Analysis of interactions likely to occur with all activities in the surrounding area and cumulative impacts on the environment;

3. Legislative and Regulatory Framework

Identification of laws, regulations and guidelines (national and international) that govern the conduct of the assessment or specify the content of its report. This includes standards and norms related to waste disposal, effluent, site location, construction practices and technologies, operational regulations and standards, etc.

4. Environmental impacts

Description of direct and indirect impacts of the project on the environment during site preparation, construction and implementation:

- Description of the methods used in the analysis, description and classification of impacts;
- Analysis of direct and indirect environmental impacts of the project;
- Description of the likely significant effects of the proposed project on the environment;
- Identification and description of the potential adverse impacts and environmental risks associated with implementation of the proposed project,
- Identification and evaluation of effects, description of their impact on biological and physical environment and on the sensitive ecosystems such as air quality, wildlife, wetlands, underground water;
- Descriptions of the impact of the project on the socio economic environment.

5. Analysis of alternatives

Analysis of alternatives to the proposed project based on plot location, design, technology selection, construction techniques and phasing, operating and maintenance procedures:

- Description of different alternatives to the project and their respective impacts on the environment,
- Justification of the proposed choice

6. Mitigation measures

Measures envisaged avoiding, reducing, minimizing or compensating potential adverse impacts of the project

- Detailed description of the appropriate mitigation and compensatory measures together with designs, equipments description and operational procedures (as appropriate) to respond to these impacts or to avoid or reduce risks,
- Analysis of the proposed alternatives and description of mitigation measures to their environmental impact.

The mitigation measures shall consider but not limited to the following:

- Policy interventions ;
- Engineering interventions;
- Social-economic interventions.

7. Environmental management plan:

Description of the modalities provided in the project for the implementation of the proposed mitigation measures to its potential negative impacts:

- Description of the methods that will be used in monitoring and evaluating the state of the environment before and during the implementation of the project,
- Detailed mitigation measures including an estimation of the cost of the implementation,
- Detailed description of a monitoring and evaluation plan with an estimation of its implementation cost,

The EMP will have a particular focus on the following elements:

- Management of solid wastes and by-products;
- Management of waste water ;
- Management of rain water, roof and ground rain water;
- Accidents prevention measures, especially fire and electrical accidents;
- Air and noise pollution.

The EMP will also present in details, plans and/or functional principles, capacity, location of a waste water treatment plant which will be installed and its technical specifications and the destination of the effluent.

This Environmental Management Plan should be summarized in a table format.

8. Stakeholder consultation and participation

The study should cover the views from individuals, communities, government agencies (local government authorities), organizations (Umutara polytechnic university) or others having an interest or “stake” in both the Environmental Impact Assessment (EIA) process and outcomes of the project.

9. . Reporting requirements

The developer is expected to carry out an EIA study and produce the EIA report, which shall form an integral part of the project write up document. The report shall be based on the terms of reference elaborated above, and will have to be submitted in four hard copies with an electronic copy to RDB for analysis and approval by a letter indicating the exact address of the developer in Rwanda. The letter should also have a reference number.

The following format is suggested but not limited to the following aspects:

1. Introduction :

- Author presentation
- Developer presentation
- Objectives of the project
- Objective of the study
- Methodology used for the study

2. Legislative and Regulatory Considerations

3. Baseline data: Summary of information on the status of the location

4. Project description :

- Location, description of the current use of the location, project size
- Detailed description of the project, extend in time and space,
- Description of activities related to all implementation stages from the construction, staffing and employment related to different stages of the project,

- Description of prevention and security measures during the site preparation, construction and exploitation phases ;

5. Environmental Impact:

- The environmental effects of the project;
- Description of the likely significant effects of the proposed project on the environment resulting from waste evacuation, noise, dust, air and water pollution, nuisances from the construction work;
- Description of likely impacts of the environment on the project and the description of the proposed measures to reduce, to avoid or to compensate those impacts.

6. Analysis of alternatives

- Description of different alternatives and proposed measures to reduce or to avoid the impacts of the project on the environment, analysis of these alternatives and their economic impacts;

7. Mitigation plan :

- Identification and description of environmental adverse impacts and effects of the project,
- Detailed description of mitigation and compensation measures proposed,
- Plans, equipment and operational procedures appropriate to respond to those impacts,

8. Environmental Management Plan:

- Detailed description of the modalities provided in the project for the implementation of the proposed mitigation measures to its potential negative impacts.

9. Conclusions and Recommendations

- The report should also include all information necessary to the project review such as lists of data sources, project background reports and studies, and any other relevant information to which the consultant's attention should be directed. It should provide also detailed designs of construction, water drainage and wastewater treatment systems, etc.

NB: This EIA will be conducted by a registered EIA expert as per ministerial order No 003/2008 of 15/08/2008.