

**TERMS OF REFERENCE (TOR) FOR CONSULTANCY SERVICES FOR CONDUCTING ENVIRONMENTAL IMPACT ASSESSMENT FOR THE CONSTRUCTION OF A COMMUTER RAIL SYSTEM IN NAIROBI**

### **1.0 GENERAL INTRODUCTION**

The Government of Kenya (GOK) has a commitment to improve the lives of its people through the development of infrastructure and specifically, the road network. As implied in Vision 2030 “the Government aspires for a country firmly interconnected through a network of roads, railways, ports, airports, water and sanitation facilities and telecommunications”. It is further envisioned by the year 2030, “it will become impossible to refer to any region of the country as “remote”. To achieve this it is the Government’s obligations to ensure that investment in the nation’s infrastructure is given the highest priority it deserves. The proposed National Urban Transport Improvement Project (NUTRIP) is one of the milestones that will enable the government to reach its goal and is being carried out by the Kenya Railway Corporation (KRC).

KRC would like to construct a high density Commuter Rail line from xxx including the lines associated facilities.<sup>1</sup>

Environmental laws in Kenya require that the environmental and social impacts that development projects are likely to cause should be assessed and appropriate mitigation measures put in place before the projects are implemented. It is from this background that KRC require to conduct the Environmental Impact Assessment (EIA) of the proposed project.

The Terms of Reference (TOR) for undertaking the EIA have been prepared in accordance with the requirements of the applicable legislations for the Government of Kenya.

### **2.0 OBJECTIVE OF THE ASSIGNMENT**

The main objective of the consultancy services is to undertake Environmental Impact Assessment (EIA) for the Construction of a high density commuter railway line and its associated facilities. The EIA will address environmental impacts which may arise from construction and operation activities and provide mitigation plan to prevent or minimize adverse impacts.

### **3.0 SCOPE OF THE SERVICES**

The Consultant shall perform all planning, financial, social and impact analyses related to services as described therein with due care and diligence to attain the objective of the assessment. Among others, the Consultant will perform the following tasks:

#### **3.1 Task (I) Brief on Project Background**

The Consultant shall provide description or the profile of the developer, background to the project proposal and its justification, need and purpose of undertaking the EIA study, EIA study methodologies and approaches applied and structure of the report.

#### **3.2 Task (II): Description of the Proposed Project**

The Consultant shall describe project components and activities to be implemented in each phase(s) of the project life i.e. pre construction or mobilization, construction, operation and post-construction (demobilization). This part is meant to give a general idea of what the project will entail. To avoid

---

<sup>1</sup> This TOR is for disclosure purposes only, to meet Bank safeguard requirements. Before the TOR is sent out as part of a Request for Proposals, a description of the exact lines will be added to the TOR, and any other necessary adjustments pertaining to environmental and social impacts specific to the proposed lines will be incorporated into the TOR.

unnecessary details, focus on the project activities based on project phases {i.e. mobilization or pre-construction phase, construction phase, operation phase and demobilization phase}. The description shall include the following information:

- **Background information:**  
Background information shall include: Title of the proposed project and developer; Project justification and objectives; Funds and source of funding or financier(s); Project location including maps of appropriate scale; Project design , size, and capacity; Area of influence of the project works; Project life span and Project components; Land size required;
- **Project activities**  
Description of project activities shall be based on phases of project life cycle i.e. mobilization or pre-construction, construction, operation and maintenance, demobilization and decommissioning phases:-
- **Mobilization or Pre-construction activities;**  
Describe activities pertaining to land acquisition; construction camp and site workshop; project design; land dispossession and property valuation; relocation and compensation arrangements;
- **Construction activities;**  
Describe all associated activities during construction work such as extraction construction materials and water indicating its types and sources; blasting; cut and fill; land clearance; soil and gravel compaction and leveling, demolition of structures along the project reserve; types, sources and amount of liquid and solid waste generation and including their disposal; dust etc.
- **Operation and maintenance activities;**  
Identify and describe all the associated activities to be conducted during project operation and maintenance such as project health and safety measures, operation and management of project facilities along the project such as public toilets, etc.
- **Demobilization Activities**  
Identify and elaborate on the activities to be conducted during demobilization or decommissioning of the project including movement and demolition of construction facilities, restoration of borrow pits, termination of the temporary workers' employment, waste management, etc.
- **Project Requirements:**  
Identify all types, sources and quantities of construction materials, equipments and chemicals required by the project. Source and quantities of water, energy, manpower (Staffing and support) and other facilities and services required in each phase of project life etc should be mentioned/discussed.

### **3.3 Task (III): Provide Baseline Conditions or Description of the Environment to be Affected**

In order to forecast the impacts, it will be necessary to determine the initial reference or baseline state. It is therefore, required to describe the existing environment that would be directly and/or indirectly affected by the construction and operation of the proposed project. The 'environment' to be affected must be based on the project definition of the term that would include physical, biological socio-economic, cultural and historical factors. Only those environmental factors that are necessary for understanding the impacts of the planned development should be considered. Assemble, evaluate, and present baseline data on the relevant environmental characteristics of the study area. Include information on any changes anticipated before the project commences.

1. ***Physical environment:*** This shall cover geology; topography; soils; climate and meteorology; ambient air quality; surface and groundwater hydrology; existing sources of air emissions; existing water pollution discharges; receiving water quality; traffic data etc
2. ***Biological environment:*** flora, fauna, rare, threatened or endangered species, ecologically important or sensitive habitats, including Game and Forest reserves, significant natural sites; species of commercial importance; and species with potential to become nuisances, vectors, or dangerous (of project site and potential area of influence of the project); and
3. ***Socio-economic and socio-cultural environment:*** population; land use; planned development activities in the area; community structure; employment; distribution of income, goods and services; recreation; public health; Gender issues and HIV/AIDS, cultural / historic properties; vulnerable and marginalized groups; and customs, aspirations, and attitudes to the project.

The consultant shall indicate sources of data and methodologies used to acquire data. The relevant international and national standards of noise levels, water and air quality etc. must be applied when comparing between the existing and anticipated impacts of project.

### **3.4 Task (IV): Describe the Policy, Legal and Institutional Framework**

Describe the policy, legal, institutional framework as well as regulations, strategies, standards, international conventions and treaties that are of relevance to the environmental management and the proposed undertaking in particular. They should be those, which relate to but not limited to environmental quality, health and safety, protection of sensitive areas and protection of endangered species. The objective of this section is to show how the developer would comply with the existing policies, laws and administrative/institutional conditions both at national and international levels.

The following, but not limited to, are the relevant policies and legislation to be cited in relation to the proposed project undertaking(s).

- The Environmental Management and Co-ordination Act, 1999
- Building Code By-Laws
- The Occupational Safety and Health Act, 2007 and Regulations
- Noise Prevention and Control Rules
- Water Act, 2002
- The Local Government Act (Cap 265)
- The Public Health Act (Cap, 242)
- Physical Planning Act (Cap 286)
- Land Planning Act, Cap 303
- Occupiers Liability Act (Cap. 34)
- The Land Acquisition Act (Cap 295) Laws of Kenya
- The Traffic Act (Cap 403) Laws of Kenya
- The Wayleaves Act (Cap 292) Laws of Kenya
- Wildlife Conservation and Management Act, Cap. 376
- Fossil Fuel Emission Control Regulation, 2006
- The Roads Act, 2007
- The Railway Act

### **International Obligations/Treaties**

The International Conventions/Treaties to be reviewed include among others:

- (i) Convention on Biological Diversity (1996); and
- (ii) United Nations Convention to Combat Desertification (1997)

Furthermore, the consultant shall clearly describe the linkage between the functions of the relevant institutional or administrative frameworks in Kenya and the proposed project undertakings;

### **3.5 Task (V): Stakeholders' Consultations and Public Involvement**

The Consultant shall identify and consult all the relevant stakeholders at national and local levels. These include the Government Agencies, local NGOs, affected groups and other interested parties in order to obtain their views regarding the proposed project works. Indicate who they are, where they are, why they are important in this project, which issues are critical to them and how they will be involved in the ESIA study. Particular attention shall be paid to the disadvantaged groups (e.g. children, the elderly and women) that may be affected by the proposed project.

The consultant shall describe methodology applied during stakeholder consultations and public participation such as consultative meetings, household, focus groups interviews and other most appropriate methods to establish public views on the proposed project. Meetings with local authorities and the public shall be held to obtain their views on the project and its implication to the environment and social aspects.

The consultant shall propose public consultation programme during the ESIA study and the most appropriate methods to establish public views should be used. The consultation process should be open and transparent to ensure that the views of interested and affected parties are incorporated in the project design. A summary of issues and response in table form indicating sections which address them should be prepared.

There should be evidence in the ESIA to the effect that there were stakeholders' consultations at all levels. Photographs, minutes of the meetings, names and signatures of consulted people could be necessary in this regard.

It is emphasized that other programmes/projects that are proposed to be constructed and implemented in the vicinity should be well understood. Relevant stakeholders should be fully consulted and their comments and recommendations recorded for consideration before commencement of the Construction of the Commuter Railway Line and associated facilities. The Consultant shall conduct through consultation on the other proposed Railway projects in the same area which are proposed near the boundaries of the Commuter Railway Line. The possible effects/influence of the projects on each other should be examined.

### **3.6 Task (VI): Analysis of Alternatives to the Proposed Project**

The Consultant shall describe different project alternatives that were examined in the course of designing the proposed project and identify other alternatives, which would achieve the same objectives. Include the 'No action' alternative to demonstrate environmental and social conditions without the project. The consideration of alternatives should extend to siting, design, technology, construction techniques, phasing and schedule, and operating and maintenance procedures.

Compare alternatives in terms of potential environmental and social impacts; capital and operating costs; suitability under local conditions; and institutional, training, and monitoring requirements. When describing the impacts, indicate which are irreversible or unavoidable and which can be mitigated. To the extent possible, quantify the costs and benefits of each alternative, incorporating the estimated costs of any associated mitigating measures. Various environmental and social criteria should be developed to select the best project alternatives.

### **3.7 Task (VII): Impact Identification and Assessment**

The Consultant shall identify, analyze and assess environmental and social impacts (positive and negative) of the proposed project works on natural resources, human beings and the ecosystems based on

the phases of project life cycle i.e. mobilization or pre-construction phase, construction phase, operation phase and decommissioning and demobilization phase. Methods applied in impact identification and the criteria used in evaluating the levels of impacts significance of the proposed project works must be specified.

The impacts analysis should focus on both positive and negative impacts and be able to indicate which ones are positive or negative; direct or indirect; short term or long term; reversible or irreversible. The Assessment should focus on the potential for negative environmental and social impacts caused by planned and/or unplanned (spontaneous) in-migration of people; clearing of forest lands for agriculture; increased pressure on fuel wood, fodder and water resources; social disruptions and conflicts; and threats to woodlands and wildlife species composition and habitats if any.

The assessment should also examine the potential for linear resettlement that usually involves projects producing linear patterns of land acquisition. An overview shall be provided of different groups of people and their cultural, ethnic, and socio-economic characteristics, and how they are likely to benefit and/or be negatively affected by the project. Negative impacts may include but not be limited to physical relocation, loss of land or other physical assets, or loss of access to livelihood. The consultant should identify the properties along the proposed project which will be affected by the implementation of the project. The types and number of the properties to be affected should be indicated. Furthermore, the names and address of the properties' owners should be indicated. The Consultant shall utilize the information from the Valuer to address resettlement issues.

The ESIA study should clearly identify and analyze cumulative and residue impacts. Wherever possible, describe impacts quantitatively, in terms of environmental components affected (area, number), environmental and social costs and benefits. Assign economic values when feasible. Characterize the extent and quality of available data, explaining significant information deficiencies and any uncertainties associated with the predicted impacts.

The Consultant shall use the most up to date data and methods of analyzing and assessing environmental and social impacts. Uncertainties concerning any impact shall be indicated.

The Consultant shall conduct a review of gender issues in the project area. The study shall include the project sections which influences to the lives of men, the elderly, women, children, and disabled so as to come up with a quantifiable analysis of the benefits which will accrue to them during and after the project construction.

### **3.8 Task (VIII): Propose Impact Mitigation Measures**

The Consultant shall suggest cost-effective measures for minimizing or eliminating adverse impacts of the proposed project. Measures for enhancing positive or beneficial impacts should also be recommended. The costs of implementing these measures shall be estimated and presented.

One of the mitigation measures for the resettlement impact is compensation. The consultant is therefore required to conduct property valuation for those properties to be affected by the project implementation to effect compensation.

The Consultant shall review the ongoing measures on HIV/AIDS awareness creation within the project area and propose for the mitigation measures. The proposal shall include a plan of action which will identify responsible key implementers, time frame and expected output.

The proposed mitigation measures and cost estimate shall be included in the Bills of Quantities (BOQ) for the project and should also include cost of supervision for the implementation of mitigation measures. Also measures to address emergencies should be covered.

### **3.9 Task (IX): Resource Evaluation or Cost Benefit Analysis.**

The Consultant shall undertake qualitative and quantitative analysis of costs and benefits to determine the viability of the proposed project on the environment, social and economic aspects.

### **3.10 Task (X): Development of Environmental Management Plan (EMP)**

The Environmental and Social Management Plan focuses on three generic areas: implementation of mitigation measures, institutional strengthening and training, and monitoring. The Consultant shall prepare Environmental Management Plan which will include proposed work programme, budget estimates, schedules, staffing and training requirements and other necessary support services to implement the mitigation measures. Institutional arrangements required for implementing this management plan shall be indicated. The cost of implementing the monitoring and evaluation including staffing, training and institutional arrangements must be specified. Where monitoring and evaluation will require inter-agency and inter-Governments collaboration, this should be indicated.

Identify institutional needs to implement environmental assessment recommendations. Review the authority and capability of institutions at local, regional, and national levels and recommend how to strengthen the capacity to implement the environmental and social management and monitoring plans. The recommendations may cover such diverse topics as new laws and regulations, new agencies or agency functions, inter-sectoral arrangements, management procedures and training, staffing, operation and maintenance training, budgeting, and financial support.

The EMP should specify impact mitigation plan and environmental monitoring plan requirements. Inject costs, responsibility and timeframe for mitigating each impact and monitoring of each environmental parameter. Impact Mitigation plan and monitoring plan should be based on the project phases i.e. mobilization or Pre-construction, Construction, Operation, Demobilization and Decommissioning phase.

### **3.11 Task (XI): Reporting**

Notwithstanding the above requirements, the contents and the structure of the Environmental and Social Impact Assessment Report should be in accordance with the Environmental Impact Assessment and Audit Regulations, and Guidelines of the Government of Kenya and as prescribed in the Environmental Management and Coordination Act (EMCA 1999)

The ESIA should be concise and limited to significant environmental Issues. The main text should focus on actions supported by summaries of the data collected and citations for any references used in interpreting data. The consultant should oorganize the environmental assessment report according to the outline below:

- i. Table of contents
- ii. Executive Summary
- iii. List of maps
- iv. List of Tables
- v. Acknowledgement
- vi. ESHIA Preparers
- vii. Introduction
- viii. Project Justification
- ix. Project and/or Process Description
- x. Description of the Environment (baseline data acquisition)

- xi. Policy, Legal, and Administrative Framework
- xii. Associated and Potential Environmental Impacts
- xiii. Analysis of Alternatives
- xiv. Mitigation Measures/Alternatives
- xv. Environmental Management Plan including mitigation, monitoring, capacity development, and training and implementation schedule and costs
- xvi. Remediation Plans after de-commissioning/closure/abandonment
- xvii. Public/Stakeholder Engagement and Consultation
- xviii. Conclusions and Recommendations
- xix. Glossary of Terms
- xx. Bibliography
- xxi. Appendices
  - List of Environmental Assessment Preparers;
  - Records of Inter-Agency and Public/NGO Communications;
  - Data and Unpublished Reference Documents
  - An outline of the contents of the EP to be included in the project's Operational Manual along with environmental/social protection clauses for contracts and specifications.

#### **4.0 DELIVERABLES AND DURATION OF THE CONSULTANCY SERVICES**

The Consultant shall commence provision of services within fourteen (14) calendar days of the effective date of the contract. The effective date shall be the date of signature of consultancy contract agreement and completed within four (4) calendar months from the date of the commencement of services.

The Consultant shall prepare and submit the following reports. All reports shall be in English language: -

- a) The Inception Report shall be submitted in two weeks after commencement of the Consultancy Service (10 copies). The Inception report shall give a brief description of staff deployment, methodology employed in undertaking the assignment, programmes of works of all major activities, summary of initial findings, problems, and details of works to be executed and such comments deemed necessary.
- b) The Draft Environmental Impact Assessment Report to be submitted in 2.5 Month after the commencement of the Consultancy Services (3 copies and 1 electronic copy on CD in PDF format. The report shall summarize the outputs in terms of findings, analyses' results, and recommendations, and shall contain all supporting materials.
- c) The Final Report shall constitute fully publicized documents. These reports be submitted in the 3rd Month after the commencement of the Consultancy Services in (3 copies and 1 electronic copy on CD in PDF format. with drawings, plans and maps, which incorporate all revisions, deemed necessary arising from comments received from the draft final reports and translated documents and stakeholders' workshop.
- d) Issuance of Certificate by relevant Authority will be in the 4th month after commencement of Consultancy Services.

#### **5.0 KEY MILESTONES**

Milestone	Month
-----------	-------



Signing the Contract (Effective Date)	M+0
Commencement of the Assignment	M+0.5
Inception Report	M+1.0
Draft Report & Validation Workshop	M+2.5
Final Report	M+3.5
Certification	M+4.5

## 6.0 TEAM OF EXPERTS

### Staff Requirements

The professional staffs input to be provided by the Consultant is estimated at 7 man-months which includes: Team Leader/EIA Expert, Sociologist, Land Valuer, Economist, Surveyor, and other supporting staff as deemed necessary. The Duties/responsibilities and qualification of the key staff are as indicated below:

#### Team Leader (EIA Expert)

The Team Leader shall be responsible for the proper conduct of the entire study and shall be the principal contact person between the team and the Client. He/She will be responsible for carrying out an Environmental Impact Assessment of the project and prepare Environmental Management Plan in order to minimize any negative impacts that the proposed project will have on the environment.

- The EIA Expert shall have a degree in environment management or related discipline. A postgraduate qualification in environmental management or related discipline is an added advantage;
- He/She must have done an EIA on at least five (10) projects of a similar nature within the past ten (10) years;
- He/she must be registered as an EIA Expert;
- He/She must have at least 10 years working experience in East Africa; and
- Fluency in written and spoken English are mandatory.

#### Sociologist

The Sociologist shall be responsible for conducting the Social Impact Assessment in the corridor of impact and prepare mitigating plans in order to minimize any negative impacts that the proposed project will have on the people in the project area.

Furthermore the sociologist will be responsible for identification of potential locations along the project area and propose measures to prevent vendors from the common practice of encroaching Common Control Zones. The sociologist shall also prepare the Resettlement Action Plan (RAP) to address the resettlement impacts.

- (i) The Sociologist shall be a holder of a degree in social science or related disciplines. Post graduate qualifications in social science are an added advantage.

- (ii) He/She must have done social studies on at least ten (10) similar projects within the last eight (8) years. In addition,
- (iii) He/She must have at least 10 years working experience in East Africa.
- (iv) Fluency in both written and spoken English and Kiswahili.

### **Land Valuer**

The Valuer shall be responsible for undertaking valuation of properties to be affected by project implementation.

1. The Valuer shall be a holder of a degree in Land Management or related disciplines. Post graduate qualifications in land management or related discipline are an added advantage.
2. He/She must have done property valuation on at least three (10) related development projects within the last five (5) years.
3. He/She must have at least 10 years working experience in East Africa.
4. Fluency in both written and spoken English and Kiswahili are mandatory.
5. The Candidate should be a Registered Valuer by relevant Authorities.

### **Economist**

The Economist shall conduct the economic analysis for the entire project. He/She shall be responsible for the conduct of the economic evaluation of the project and make economic justification of the project.

- (i) The economist shall have a minimum of first degree in economics or equivalent. A postgraduate qualification in economics is an added advantage.
- (ii) He/She must have at least 8 years of working experience in carrying out socio-economic analysis of public investment projects.
- (iii) He/She must have served on similar position in at least 3 projects of similar nature within the last eight (8) years.
- (iv) He/She must have at least 10 years working experience in East Africa.
- (v) Fluency in both written and spoken English and Kiswahili is essential.

### **Land Surveyor**

The Land Surveyor shall be responsible for conducting survey and establish the boundaries of the Common Control Zone. The Surveyor has to analyze the data to determine the location of boundary lines and record the results of the survey, verify the accuracy of data, and prepare plans, maps and reports. The Surveyor has to mark all properties to be affected by the proposed project.

- (i) The land Surveyor shall be a holder of at least a bachelors in Land Surveying or equivalent. Post graduate qualifications in surveying are an added advantage.
- (ii) He/She must have at least five (5) years of cumulative experience related to Land surveying activities.
- (iii) He/She must have been a Topographical Surveyor on at least five (5) projects of similar nature within the last five (5) years.
- (iv) He/She must have at least 3 years working experience in East Africa.
- (v) He/She must be fluent in written and spoken English.

### **Support Staff**

In addition to the above key staff the Consultant shall determine the Support and Backup staff deemed necessary to assist with successful completion of the assignment. However, their qualifications will not be considered in the evaluation of the proposals.

### **Proposed Man-Months for the Key Staff**

<b>Key Staff</b>	<b>Man-Months</b>
1.Team leader/ EIA Expert	3.0
2. Sociologist	2
3 Land Valuer	1
4.Economist	0.5
5.Topographical Surveyor	0.5
<b>Total</b>	<b>7.0</b>

### **7.0 DATA, SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT**

The Employer will provide liaison with the Government Ministries and Departments in order to introduce the Consultant to them. However, the Consultant shall be fully responsible for collecting data and information from these agencies; paying for them where applicable.

The Employer will make available: study reports, including appendices, etc. relevant to the assignment, that have been carried out by or for the Employer and any other relevant data available, which are necessary for the proper execution of the assignment.

The Employer will assist the Consultant to:

- (i) Obtain formal consent from outside authorities or persons having rights or powers in connection with the works or the site thereof;
- (ii) Obtain ministerial orders, sanctions, licenses and permits in connection with the works.

### **7.1 Training of Counterpart Staff**

No training of counterpart staff is envisaged in this particular project

### **7.2 Administrative arrangement**

The consultant shall perform all required tasks to carry out the assignment. The consultant shall be solely responsible for the analysis and interpretation of data, reports, review etc (or the purpose of this assignment and for the findings, conclusions and recommendations in the reports. In carrying out the assignment, the consultant will report to KRC through KRC's Environmental/social Safeguards who will facilitate coordination with other consultants and relevant government departments. The consultant shall draw the attention of KURA to any major issue pertinent to the successful execution of the assignment.

### **7.3 Client Inputs**

The Client will collaborate with the Consultant in making accessible all data including Feasibility Study and Master plan for the project as well as previous ESIA's conducted for example the Environmental and Social Impact Assessment (ESIA) of the proposed: construction of additional lanes on JKIA – Likoni – James Gichuru - Rironi road (A104); dualling of airport south road; access to JKIA widening; construction of access road proposed Barabara plaza; and improvement of access to inland container depot.

## **8.0 OTHER INFORMATION**

The following data sources, project background reports and studies, relevant publications, and other items will be made available to the consultant:

- Project Concept Note
- Pre-feasibility Studies
- Feasibility studies
- Population and Land Use Projections,
- Land Use Plans
- Drainage and Flood Control Service Needs Surveys,
- Traffic Management Studies

### **8.1 Equipment, Logistics and Facilities**

The Consultant shall be responsible for the provision of all the necessary resources to carry out the Services; and shall make arrangements for the establishment of office, supporting office equipment and furniture, vehicles, accommodation, utilities, communications, and any other required resources.

### **8.2 Duration and Timing of the Services**

The time period required for the provision of the services is envisaged to be 7 man months from the date of the contract.

### **8.3 Reporting requirements**

All reports and official papers to KRC will be produced in English. All stakeholders intend that the study package proceeds as rapidly as possible and within four months time-frame be complete. The attention of the study team should remain focused on addressing the tasks to be undertaken in order to successfully complete the work on time and with the desired quality.

### **8.4 Inception Report**

To be presented to KRC, and other main stakeholders not later than three weeks (3 weeks) after the commencement of the study. This report will present the working of the consultant, and time scheduling of the activities to be covered.

### **8.5 Monthly Progress Reports**

To be presented according to specific schedule agreed for the different activities. These reports will provide complete details of all work performed, analysis made and proposed recommendations on way forward.

### **8.6 Draft Report**

Draft Report to be submitted at the end of the Second month after commencement of the study

### **8.7 Final Reports**

After submission of the draft report, the client will review it within two weeks possible make his comments, which the Consultant will incorporate in the Final Reports. The reports shall be in English Language and have to be clear and concise. The reports should be in a format acceptable to National Environmental Management Authority (NEMA). The Consultant shall present the reports to NEMA for approval in the required number of copies. The Consultant will be responsible for making any modifications that NEMA may demand before approval of the assessment reports.

## **9.0 DELIVERABLES**

In addition to the formal reporting indicated above, the Consultant will provide written comments in English, in response to project related queries raised by KRC and other stakeholders during the course of the study. The Consultant will make provisions to prepare copies of the reports required above in English and as listed below:

- 3 copies of Inception Reports in English. These reports must also be submitted on electronic format (3 CD ROM).
- 3 copies of each Draft Report in English, with 3 copies of Executive Summary in English of which one of each is original. These reports must be also submitted on electronic format (3 CD ROM).
- 10 copies of final report and 10 copies of executive summary in English one of which is original. These reports must also be submitted on electronic format (CD ROM). The final reports must be publisher perfect-bound type (non spiral) with covers are printed on 10pt stock and laminated.