

TERMS OF REFERENCE

ENVIRONMENTAL PROJECT BRIEF (EPB) CONSULTANCY

Location	Kafue-Zambia
Application deadline	15/09/2019
Type of contract	Fixed Short Term Consultancy
Post level	Local Consultant
project	Environmental Project Brief- Kafue River & Rowing Centre (KRRC) Project
Languages required	English
Duration of initial contract	30 days (Tentatively commencing on 7 October 2019)

Background

WWF Zambia and World Rowing intend to develop an extraordinary multi-purpose facility on the Kafue river for world-class water management research and the sport of rowing: **The Kafue River & Rowing Centre.**

Simultaneously, recognizing that the implementation of such a project and the achievement of its objectives will also depend on environmental and climate-related risks, constraints and opportunities, it has been decided to engage a consultant to undertake an environmental impact assessment specifically an Environmental Project Brief of the proposed project.

This is also in line with the regulations under the Environment Management Act No. 12 Of 2011 and the Environmental Impact Assessment (EIA) Regulations, Statutory Instrument No. 28 of 1997, which makes it mandatory to obtain environmental clearance for projects such as the construction of the Kafue River & Rowing Centre from the Zambia Environmental Management Agency (ZEMA).

The project is described as follows:

The Kafue River and Rowing Centre will be a pioneering facility, which enables training and competition in the sport of rowing to be combined with freshwater conservation research and education under one roof. The two disciplines are united by the need to ensure the sustainable use of rivers and lakes, exemplified by the location of the Centre on the banks of the Kafue River. The Centre will be used daily by local communities, school children, university students, rowing club members, researchers, conservationists, business; government stakeholders and international visitors.

The Centre will be a simple but inspiring building that reflects the ethos and enhances the reputations of WWF and the sport of rowing. It will also be a lightweight, low impact, low cost structure, sensitive to its natural surroundings and local architectural vernacular. It will utilize sustainable materials and reflect local building vernacular wherever possible.

Objective

The overall objective of this task is to conduct an Environmental Impact Assessment, specifically an Environmental Project Brief for the Kafue River & Rowing Centre.

The Environmental Project Brief should provide the Zambia Environmental Management Agency (ZEMA) with sufficient information to justify, on environmental grounds, the acceptance of the project for implementation. It should also provide the basis for guiding subsequent actions, which will ensure that the project is carried out taking into account the environmental issues.

Proposed Project Site

Location: On the Kafue River directly south of Kafue Boys School, approximately 2.5 km east from T2 road.

Size: approximately 5 acres

Scope of Required Work and Deliverables

Required action	Expected Result
Overview/Nature of the project and its alternatives	The consultants must describe the project and major project alternatives, especially those which are significantly different from an environmental perspective (e.g. location alternatives affecting different ecosystems). The consultants will also define the constraints to be taken into account in proposing mitigation measures and other changes to the project. They must assess whether variations to the proposed alternatives are worth being studied
Legislative, institutional and planning framework	A description must be made of the institutional and legislative framework relevant to the project and its EPB, including an indication of the key applicable legislation, planning processes (e.g. land use planning), standards and norms. Reference should be made to ZEMA guidelines.
Description of the key stakeholders and their concerns	The consultants should identify key stakeholders (key groups and institutions, environmental agencies, NGOs, representatives of the public and others, including those groups potentially affected by the likely significant environmental impacts of the project). Particular attention should also be paid to typically less represented groups such as women, indigenous peoples and minorities.
Description of the key environmental aspects and project–environment interactions that should be addressed in the EPB	<p>Particular attention should be paid to the (direct or indirect) impacts that are likely to be the most significant, considering the sensitivity of the environment, the pressures resulting from the project and the expectations of the stakeholders.</p> <p>Based on these considerations and on background information on the local environment as well on other environmental assessments, the consultants should identify environmental issues to be specially considered under the following categories:</p> <ul style="list-style-type: none"> ● Physical environment, including (micro-) climate, climate variability and climate change, air quality, water resources (surface and groundwater), geology, geomorphology, soil quality and risk of natural disasters; ● Biological conditions: biodiversity (including rare, endangered and endemic biodiversity components), and biological resources of cultural, social, or economic importance; ● Socio-economic conditions: consider the aspects that depend on environmental changes (public health; vulnerability to disasters; vulnerability to increasing climate variability and the expected effects of climate change.

	<ul style="list-style-type: none"> Natural resources and associated conflicts, those that can produce environmental impacts as a result of activities.
Description environmental baseline	On the basis of the information obtained above and on an appreciation of the areas of project influence, the consultants must provide indications of the environmental baseline on Fauna & Flora.
Impact identification and evaluation	The consultants should identify and describe the potential significant environmental impacts of the project alternatives, and evaluate them. Impact identification should take into consideration factors such as the sensitivity of the environment, the legislative framework, the pressures resulting from the project and the expectations of stakeholders. The impact identification should address - but not necessarily be limited to- the following aspects of the project: project activities (under construction, operation and decommissioning/abandonment); associated activities and structures (e.g. base camps during construction); location; general layout, size; time span of the project; means, materials and resources required (e.g. energy and water consumption, hazardous materials); polluting discharges and emissions; noise and vibration; production of odors, luminous emissions; solid and hazardous waste production; land-take requirements; presence of workers; access and transport.
Measures and recommendations in relation to impacts	Measures must be proposed to enhance positive effects, to eliminate/mitigate/compensate undesired effects. These measures (generally referred to as mitigation measures) must be technically feasible, economically sound and socially acceptable (i.e. they must take into account the views of the main stakeholders).
Proposed adaptation and risk management measures	Where significant risks, constraints and/or opportunities have emerged from the above evaluation, the consultants should propose measures and formulate recommendations to improve (if necessary) the integration of these factors into project.

Deliverable

- The consultant is expected to produce a final report upon successful completion of activities according to the agreed schedules.
- The consultant is expected to deliver/submit an **ENVIRONMENTAL PROJECT BRIEF (EPB)** report for approval in accordance with the regulations under the Environment Management Act No. 12 Of 2011 and the Environmental Impact Assessment (EIA) Regulations, Statutory Instrument No. 28 of 1997, as provided for by the Zambia Environmental Management Agency (ZEMA).

Institutional Arrangement

- Reporting
- The consultant will report directly to the Freshwater Senior Hydrologist/Freshwater Team Lead at WWF Zambia Country office.

Proposed Methodology and Timelines

The consultant shall be engaged to undertake the consultancy for 30 days after award of contract. The consultant is expected to propose a work layout, plan, quotation and timelines to achieve the expected outputs with the appropriate methodology.

Duration of the Work: The consultancy will be for a period of 30 days tentatively commencing on 7th October 2019.

Required Expertise and Competencies

Qualifications

- At least Bachelor's degree in development, environmental science, geography, natural resource management and/or related field with at least 7 years working experience in relevant field.
- Be registered as an EIA consultant with Zambia Environmental Management Agency (ZEMA) and is reputable in his/her EIA work Experience
- Be registered/ member of the Impact Assessment Association of Zambia (IAAZ)
- Minimum of 5 years' experience conducting EIAs as an individual or as a team
- Previous working experience in facilitating community consultations and facilitating discussions
- Willingness to travel to proposed project site

Competencies

- Demonstrates integrity and commitment to principles and values and ethical standards
- Strong interpersonal and communication skills
- Ability to work well as part of a multi-cultural team and displays gender, religion, race, nationality and age sensitivity and adaptability;
- Ability for team working;
- Self-management, emotional intelligence and conflict management;
- Analytical and strategic thinking/results orientation;

Language

- Excellent verbal and written skills in English. Understanding of a local language is advantageous

Documentation required

Interested individual consultants must submit the following documents/information to demonstrate their qualifications.

- ♣ Expression of interest letter.
- ♣ Team composition along with their CV's, as well as the contact details (email and telephone number) of the lead consultant and at least three (3) professional references.
- ♣ Technical proposal, including;
 - A. Brief description of why the individual considers him/herself as the most suitable for the assignment; and
 - B. Methodology, on how they will approach and complete the assignment.

Incomplete Submissions will not be considered.

All proposals should be submitted to careers by COB 15th September 2019.