



CALL FOR EXPRESSION OF INTEREST

LOT 1_ 'Production of Time Series Maps on Mining Activities Inside and Outside Forest Reserves in Ghana'.

Project: Building Active Actors and Systems to Support (BAASS) Deforestation-Free Commodities in Ghana and Liberia

Introduction

The Nature and Development Foundation (NDF), a modest environmental non-governmental organisation (NGO) is inviting qualified and interested person(s)/organisations to express interest in 'Producing Time Series Maps of Ghana's Mining Zones and the State of Forest Cover (Of reserve and On-reserve) in the zone.

Background

Ghana's rich mineral resources have led to extensive mining activities, which, while economically beneficial, have raised significant environmental and regulatory concerns, particularly regarding activities in forest reserves. Irresponsible mining has become a critical issue in Ghana and has been recognized, arguably, as the leading cause of land degradation and deforestation in the country. In recent times, it has been linked to numerous environmental violations, including water pollution, soil degradation, and loss of biodiversity. In many cases, these violations have devastating impacts on local ecosystems and communities, highlighting the need for effective monitoring and documentation. The impact of mining in forest reserves is so conspicuous and pervasive that it now attracts more airtime and political attention than any other driver of deforestation. Production and dissemination of time series maps of forest cover in the mining zones of Ghana will enhance understanding and appreciation of the extent and rate of deforestation caused by mining.

This action is part of implementing the project, 'Building Active Actors and Systems to Support (BAASS) Deforestation Free Commodities in Ghana and Liberia'. The project is receiving funding from UK Aid through the Forest Governance Markets and Climate (FGMC) Programme. The project aims to increase the capacity of state and non-state actors towards reducing deforestation through legal timber trade and responsible mining.

Study Objectives

The prime objective of the study is to determine the rate and extent of mine-driven deforestation using time series maps.

Scope of Work

This assignment will include the following which is not an exhaustive list:

1. Produce a collection of observations (time series maps) of mine-driven deforestation within the mining zones of Ghana over the period 1980 – 2023.
2. Analyse the trend, rate and extent of deforestation in these zones over time.
3. Forecast future values (rate of deforestation) based on historical and current data.

Expected Output

The expected output of this assignment is a comprehensive time series GIS report on the extent and effects of mining in forests (both inside and outside protected forest areas).

Who can apply/ Team/Qualification?

The assignment must be carried out by a qualified individual(s) with appropriate experience in similar research work(s) and must have a minimum of a master's degree.

Travel

Travelling to representative mining zones will not be essential under this assignment.

Timeframe

A total number of 20 man-days is allowed. The study should be completed preferably by October 2024.

How to apply

Please apply by sending

1. Summarized CV(s) of the consultant(s) proposed to undertake the study
2. A maximum of a two-pager summary of your capabilities including evidence of similar work previously undertaken by the consultant(s) and two or more referees.
3. Proposed daily rates (in Ghana Cedis) for the proposed consultant(s)

Please send these documents to info@ndfwestafrica.org stating the title of the assignment as the subject of your email.

*****APPLICATION DEADLINE**

The deadline for submission of interest is Sunday, 31st August 2024.

Please note that only short-listed consultants will be contacted.