

**FEDERAL REPUBLIC OF NIGERIA**  
**MINISTRY OF MINES AND STEEL DEVELOPMENT**

**MINERAL SECTOR SUPPORT FOR ECONOMIC DIVERSIFICATION**  
**PROJECT (MinDiver)**

**Terms of Reference for the engagement of a Technical Expert**  
**Consultant to Develop Mines Inspectorate for Artisanal and Small**  
**Scale Field Inspection and Equip with Appropriate Modern Technical**  
**Tools in the Mining and Steel Sector**

**1.0 INTRODUCTION**

The Federal Government of Nigeria has obtained a credit from the International Development Association (IDA) to fund the Mineral Sector Support for Economic Diversification (MinDiver) Project. The project has the following development objectives:

- a. To improve the attractiveness of the Nigerian Mining sector, as a driver for economic diversification, for long-term private sector investment in the exploration and production of minerals.
- b. To create a globally competitive sector capable of contributing to wealth creation, providing jobs and advancing our social and human security.

**2.0 BACKGROUND**

The Federal Government of Nigeria has embarked on an economic diversification campaign with the aim of leveraging on the Nation's vast natural resources to diversify the economy from the oil and gas sector to achieve economic emancipation.

The sector's growth and contributions to GDP have remained less than ideal, accounting for only about 0.33% in 2015. To address this, the Ministry of Mines and Steel Development (MMSD) recently developed a roadmap for mining growth and development with objectives to deepen sector reforms, attract new investors and collaborate with a wide network of partners and stakeholders to rejuvenate the sector and build a prosperous economy propelled by inflows from the solid minerals sector. The overall objective of the MinDiver Project is to link with the Roadmap and enhance the mining sector's contribution to the economy by strengthening key government institutions, improving information infrastructure

and knowledge, and fostering domestic investment in the sector. The Project consists of the following parts:

**Part A. Establishing a Strong Foundation for Mining Sector Development**

1. Carrying out of a program of activities designed to strengthen the Mines Inspectorate Departments' capacity for governance and administration of the mining sector;
2. Carrying out of a program of activities designed to strengthen the Nigerian Geological Survey Agency as well as geological knowledge, information database for the mining sector,
3. Implementing a program of activities designed to strengthen the Recipient's capacity for management of environmental, health and social impacts in the sector

**Part B. Facilitating Downstream Sector Development and Enhancing Competitiveness**

1. Strengthening administration of the artisanal and small scale mining sub-sector,
2. Implementing a program of activities designed to leverage the mineral sector for regional development
3. Implementing a program of activities designed to enhance value addition to mineral products (including upstream development of industrial minerals and dimension stones domain) in the mining sector,
4. Implementing a program of activities designed to advance proof-of-concept investments and to attract private sector investments

**Part C. Project Management and Coordination**

1. Strengthening the capacity of the Mines Inspectorate Department for implementation, supervision and management of the Project through the provision of tools, consulting services, non-consulting services, operating costs and training for the purpose.
2. Supporting quality control of Project activities and outputs as well as monitoring and evaluation of Project outputs and results.

The key results of the project will include:

- i. Increased availability of precompetitive geo-science data enhancing mineral transactions;
- ii. Institutional information systems integrated with multi-sector planning tools;
- iii. Incentives created for Artisanal and Small-Scale Mining (ASM) formalization;
- iv. Improved environmental and social compliance by mining industry operators

### **3.0 PROJECT DESCRIPTION**

The Mines Inspectorate Department of MMSD has overall responsibility for the supervision of industry operations including exploration, evaluation, mine development and production activities. The department is also responsible for enforcement of mining laws and collection of revenues. The project is intended to develop the Mines Inspectorate for ASM field inspection and equip the Inspectorate with appropriate and modern technical and logistics equipment and tools for field inspection and monitoring as well as ease of mobility and in-field analysis. This should include using satellite imagery as a base-map for undertaking site inspections and enhancing the actual outline of the ASM working areas as those areas evolve and the operators' move from site to site

### **4.0 SCOPE OF WORK**

The main role of the Consultant is to provide Strategies for ASM Management advisory support to the Mines Inspectorate Department for implementation of the MinDiver project. The focus should be on the monitoring and inspection of Artisanal and Small Scale Mining operations incorporating the use of modern technical, logistic equipment and tools for the Mines Inspectorate. The ultimate aims are to achieve MMSD's objectives for the MinDiver Project, to improve effectiveness in service delivery and to increase the annual number of sites monitored and inspected by the Mines Inspectorate Department in collaboration with other relevant agencies. The focus should be on the following duties and responsibilities:

- a. Strengthening of the Mines Inspectorate's functions and capabilities for ASM regulation and enforcement, which is a key measure to achieve tangible improvements within the ASM sub-sector.

- b. Understand the Strategies for ASM Management;
- c. Identify key Inspection Skills required by the Mines Inspectorate Department for ASM field Inspection;
- d. Incorporate the use of satellite imagery as a base-map and comparator system for undertaking site inspections and enhancing the actual outline of the ASM working areas as those areas evolve and the operators move from site to site;
- e. Conduct a needs assessment and equip the Mines Inspectorate with appropriate and modern technical and logistics equipment and tools for ASM field inspection and monitoring as well as ease of mobility and in-field analysis, including using satellite imagery. Other tools will include using the mobile cell phone and smart devices system developed for upgrading ASM operators to also monitor their migration;
- f. Design a skills Training Schedule for Mines Inspectorate Department staff on ASM and on the use of modern technical equipment and logistic tools;
- g. Design, develop, and implement Capacity building programmes for Mines Inspectorate staff on ASM and ASM focused work plans;

#### **5.0 CONSULTANT'S QUALIFICATION:**

The Consultant's team shall include all the necessary expertise required to complete the work as specified within the terms of reference for the assignment. The experience required of the experts is as detailed below:

- a. Knowledge of and experience in ASM activities. A good understanding of the operation of the mining sector in West Africa should be demonstrated;
- b. Skills and experience in capacity building, technology transfer, mine monitoring and inspection, interpretation of satellite imagery in Small-, Medium- and ASM activities;
- c. Track record of successful Mining operation is essential;
- d. The Project Manager should have relevant university and postgraduate degrees and at least 20 years of relevant mining experience, ASM knowledge and a proven track record in Mining projects especially in countries similar to Nigeria;
- e. This senior position will involve responsibility for the day-to-day management in carrying out the terms of reference and in the conduct of all negotiations and joint planning with the MMSD and other Government agencies. Good interpersonal skills will be essential, including the ability to work with the staff of MMSD and other stakeholders involved in delivering the task. It is a requirement of the assignment that the Project Manager works full-time on the assignment.

- f. Senior staff under the Project Manager should have a minimum of 10 years of relevant experience in the areas where they will have the lead;
- g. Fluency in English is essential.

## **6.0 REMUNERATION AND PAYMENT TERMS**

Remuneration of the consultant is commensurate with those offered by international bodies for similar assignments. The assignment will be based in Abuja. However, the consultant will also be reimbursed for operational expenses such as travel, accommodation, and telephone incurred while carrying out this assignment and in line with World Bank guidelines and procedures. Before reimbursement can be made, the consultant will need to submit a statement of expenses supported by valid documentation.

The successful consultant would be paid a lump sum amount, on monthly basis, in accordance with an agreed schedule of deliverables, on the agreed rate of professional fee and reimbursable expenses, subject to satisfactory performance, timely receipt and approval of deliverables.

## **7.0 DURATION OF SERVICE**

It is expected that service of the Consultant is required for a period of 18 months (1<sup>1/2</sup> year). It is to be emphasized that not delivering the project within the time frame would be regarded as a failure on the part of the consultant. The Consultant is expected to draw up and submit a working schedule and the first month of the consultancy shall commence on the contract effective date.

## **8.0 RESPONSIBILITY OF PARTIES**

The Consultant shall be responsible for providing the services detailed in this ToR, while the Mines Inspectorate Department shall be responsible for funding and monitoring of the services.

## **9.0 DELIVERABLES**

The consultant shall deliver on the following targets leading to:

- i. Improved collaborations and partnership among stakeholders
- ii. Improved response in formalization by ASM operators.
- iii. Improved control and curbing of illegal mining activities by the Mines Inspectorate Department.
- iv. Better Management of ASM operation.

- v. Improved Strategies and skill of Mines Inspectorate staff for engagement with ASM operators.
- vi. A better equipped Mines Inspectorate Department.

The Consultant shall deliver on the following reports:

- a. **An Inception Report** to outline the work plan of the consultant, define its tasks and the planned implementation periods and schedules, identify target submission dates on each task. Particular attention will be given towards the planned coordination within other teams and preparation of a detailed schedule. Stakeholder mapping will be included in the Inception Report. The inception report will be submitted within one month of the commencement of the assignment and once approved and issued in its final form, will serve as the consultancy's baseline for the management and monitoring of the tasks;
- b. **Quarterly Progress Reports** on engagements and findings with stakeholders in the industry; The Consultant shall prepare consolidated quarterly Progress Reports covering progress towards achieving the objective in this ToR as well as identified areas of weaknesses and strategies for improvement. The report shall provide a brief but comprehensive end-of-quarter progress assessment and details of impediments to the work and proposals for overcoming them. These reports shall be submitted at the end of the first week of the succeeding quarter.
- c. **A Draft Final Report**, within the first week of the penultimate month of the assignment.
- d. A power point presentation on the Report within the last 2 weeks of the assignment.
- e. **Final Report** bound in three (3) copies and an electronic copy in CD, within the last week of the assignment.

**All Reports Shall Be in English and Presented in Hard and Soft Copies**

#### **10.0 SELECTION METHOD**

The consultant will be selected through Consultant Qualification (CQ) selection method.