FEDERAL REPUBLIC OF NIGERIA
NIGERIA DIGITAL IDENTIFICATION FOR DEVELOPMENT PROJECT
TERMS OF REFERENCE
TECHNICAL LEAD

1. BACKGROUND

Of the 187 million living in Africa's most populous country, only about 30% have had their births registered - this figure drops to 19% in rural areas and to 7% within the poorest quintile of the population. Less than 50% of residents have any form of ID card, whilst only 9% of individuals have a national ID number (NIN).

Nigeria hosts a fragmented ID landscape which incurs significant costs on the Federal Government (FGN). Over 13 government agencies (National Identity Management Commission, National Population Commission, Central Bank of Nigeria, Independent National Electoral Commission, Nigerian Communications Commission and others) and at least 3 state agencies offer ID services in Nigeria. Many of these agencies, capture biometrics and issue ID cards independently without data links with other systems, resulting in duplication and sub-optimal utilization of scarce resources.

The FGN has indicated a strong desire to harmonize the existing identification ecosystem towards developing a foundational identification platform which can be leveraged to improve service delivery. A Strategic Roadmap for Developing Digital Identification in Nigeria was prepared with the support of the World Bank Group, and highlighted the need for a minimalist, foundational, and eco-system-based approach to identification in the country. The Roadmap was endorsed by the Harmonization Committee on January 31, 2018, and by the Federal Executive Council (FEC) in September 2019.

Consequently, the FGN applied for a credit from the World Bank to increase the number of persons in Nigeria who have government-recognized proof of unique identity that enables them to access services. The Project will be implemented by a Project Implementation Unit (PIU) in the National Identity Management Commission (NIMC) and an Ecosystem Coordination Strategic Unit (ECSU) in the Office of the Secretary to the Government of the Federation (OSGF) under the oversight of a Project Ecosystem Steering Committee (PESC).

2. OBJECTIVES OF THE ASSIGNMENT

The objective of the assignment is to assure an integrated eID system. The appointment of the Technical Lead will assist the smooth start-up and increase the speed of the project implementation.

The Technical Lead will be accountable and report to the PIU Project Coordinator and cooperate with other PIU team members, implementing agencies, and relevant stakeholders.

3.   **SCOPE OF SERVICES**

The Technical Lead will be a hybrid manager/technician who should have skills in multiple areas, without necessarily being specialist in any. He/she shall:

a) Work with the PIU and Identity Ecosystem and lead the technical experts to ensure universal coverage for individuals, free from discrimination by removing barriers to access and usage and disparities in the availability of information and technology;

b) Responsible for liaison between the PIU project coordinator and technical teams within the PIU;

c) Reports to the PIU project coordinator;

d) Responsible for ensuring the requirements of the project are understood by the other technical experts within the PIU;

e) Responsible for technical quality control and ensure all TORs are technically coherent, facilitating for smooth implementation of the ID4D project;

f) Accountable for the quality and timely delivery of all deliverables and artifacts from all other technical experts within the PIU;

g) Advocate use of open standards to ensure interoperability; the platform approach with open APIs; ensuring vendor neutrality across the application components by using open and standard interfaces;

h) Ensure all systems used in ID4D and the Identity Ecosystem are designed for scale, the system needs to be able to handle hundreds of millions of transactions across billions of records doing hundreds of trillions of biometric matches every day;

i) Ensures that security and privacy of data is the foundation of the Identity Ecosystem ensuring the system uses the appropriate encryption and tamper detection in order to ensure that no one can compromise the security of data whilst protecting user privacy and control through system design;

j) Plan for financial and operational sustainability without compromising accessibility of the Identity Ecosystem;

k) Develop and maintain services used in application integrations;

l) Utilise best practices to design solutions and document solutions;

m) Develop and maintain data integration components and integration with all components of the eID system.

4.   **REPORTING, LOCATION AND TIME SCHEDULES**

The Technical Lead will report to the PIU Project Coordinator. The commencement of the services shall come into force and effect on the date (the "Effective Date") of the Client's notice instructing the Technical Lead to begin carrying out the services.

5. QUALIFICATION OF THE TECHNICAL LEAD

The Technical Lead shall have the following minimum educational qualifications and experience:

a) Master's degree in IT Engineering, Computer Science, or related field;
b) At least 10 years of professional experience in large-scale IT projects in a variety of technical roles such as IT systems integration, business and technical architecture for IT systems, biometric technologies, data architecture, enterprise architecture, etc.;
c) Experience in the definition, design and delivery of population-scale, secure IT solutions, preferably involving digital identity;
d) Experience in working for any international donor-funded program will be considered an asset;
e) Demonstrate theoretical knowledge and practical experience in multiple IT domains relevant to project execution and management experience,
f) Experience in System Integration for projects involving multiple partner institutions will be considered an asset;
g) Strong inter-personal skills, in particular, demonstrated team leadership qualities and excellent oral communication skills; and
h) Fluency in written and spoken English. Local languages are an asset.

6. ESTIMATED EFFORT LEVEL AND DURATION OF THE ASSIGNMENT

The duration of the assignment is initially for 12 months but will renewed subsequently on an annual basis subject to satisfactory performance. The contract type is Time Based.