

**TERMS OF REFERENCE**  
(SCOPE OF SERVICES AND ASSIGNMENTS OF THE CONSULTANT)

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**I- Objectives of the Assignment**

The general objective is to develop an eHealth program in Africa that will allow for patient-centric health care provision enabled by interconnected ICTs for health. The specific objectives are: (i) Enhancing access to quality health services; (ii) Reducing the overflow of hospitals and medical centres; and (iii) Freeing up medical staff for underserved regions.

Therefore, the study will assess the status and opportunities for investments for the improved status of e-health systems in African member countries.

**II- Scope**

The study will assess the current status of ICT and innovation in the Health sector, including governance arrangements, in IsDB 12 African Member Countries, and identify investment opportunities to harness digital technologies' use and appropriate application to build resilient health systems. This will help develop the Bank's investments in digital health for enhanced resilience among member countries. This study will be conducted in consultation with all key stakeholders within the national health ecosystems, including governments, Partners, private sector NGOs, and CSOs such as the Health practitioners Association and Unions; Universities, and the private sector. The study will:

1. Ascertain the linkage of existing health care facilities to a unique health system/Data warehouse to make all health facilities available from any part of the country through Web services, mobile services, SMS, or Call centre services. Broadly the intent is to cover online health consultations, online health records, online medicine supply management, covering:
  - a. Health care innovations, digital solutions and technologies in terms of:
    - i. Improving management of non-communicable diseases
    - ii. Disease prevention
    - iii. In-patient and outpatient service delivery
  - b. Telemedicine; E-health literacy, and digital literacy
  - c. Health information and electronic medical record systems
  - d. Access to connectivity and energy
2. Assess the feasibility of creating consultation terminals equipped with necessary eHealth & telemedicine equipment. The design of the terminals should consider the successes, best practices and lessons to be learnt from the country's experiences, R and D centres and medical faculties;

3. Outline the required conditions to be met for successful use of ICT in Health and the delivery of e-health services in African member countries, potential areas and benefits.
4. Prepare a cost short, medium- and long-term plan for investment in ICT and health in IsDB member countries in Africa
5. Identify potential partners and areas of focus and develop a partnership plan in key areas identified.

### III- Scope of the Assignment

1. *Preparation of study Draft 1 (Inception Report) and Tele/video-conference Review.* Based on study documents (Study Appraisal, Financing Agreement, Contracts, study Implementation Assessment Reports, Disbursements, etc..) provided by IDB and initial contact with study stakeholders in the country.
2. *Field Mission:* Following clearance of Draft 1 and IsDB decision to proceed forward with the exercise, the Consultant will carry out field visits to safe and relatively safe areas depending on the Consultant's own judgement on the prevailing circumstances in the area.
3. *Preparation of Draft 2.* The Report is a further elaboration and completion of the inception report and should point out and explain the eventual variations in terms of study cost, implementation schedule, financing plan and stakeholders' performance. On top of updating the information that is in the inception report, it should include, among other things: (i) an evaluation of the performance of the executing agency.
4. The Consultant should share the draft with the Executing Agency for review and comments and capture the EA's view of the challenges met during implementation and recommendations for future intervention. Completing the step, this report will be remotely reviewed by the Bank together with the Consultant through available means.
5. The Consultant should take quality photos during the field visit and provide some visual evidence of the work that has been carried out.
6. The final draft will be presented to the Bank first by the Global Health Team for its review and comments prior to approval and onward presentation to the ESID Monthly Departmental Meeting.

### IV- Duration – Deliverable - Reporting:

The Assignment will be completed by the presentation of detailed reports, to be provided to the IDB with required annexes as follows:

- Design and develop a document for eHealth / Digital Health program.
- Develop an implementation plan for eHealth / Digital Health program.

6. **Project Task Team Leader:** Team Leader Name: Dr. Ammar Abdo Ahmed  
Position: Lead Global Health Specialist  
**Islamic Development Bank**  
Email Address: [aaa@isdb.org](mailto:aaa@isdb.org)

V- Payment:

SN	Budget item	Estimated Cost	Comments
1	Lead Consultant: Study and Research design, coordination and technical writing	USD 35,000	Estimated at USD 7,000 per month
2	Two regional level Study Consultants / Research assistants for two-month engagement (R1: Algeria, Djibouti, Egypt, Morocco, Nigeria, Somalia / R2: Benin, Guinea, Gabon, Niger, Ivory Coast, Senegal)	USD 20,000	USD 250 per day, 40 days per two months, one for each region.
4	Report Translation (French and English)	USD 3,000	Professional Translation Services
5	Workshopping	USD 2,000	
6	Total	USD 60,000	

1. The remuneration perceived by the Consultant includes all his costs and profits and any tax obligations that may be imposed on the Consultant.

2. The payment schedule for the preparation of the project will be as follows:
  - a) First payment in the amount of 20% of the Contract Price upon receipt by the Bank of:
    - a1. Signed contract and
    - a2. The first draft of the study Completion Report with professional editing.
  - b) Second progress payment in the amount of 30% of the Contract Price upon receipt and written acceptance by the Bank of:
    - b1. Validation workshop's final report and
    - b2. The first draft of the Case Study as detailed in Appendix-A by the Bank;  
and
  - c) The final payment is 50% of the Contract Price upon receipt and written acceptance of the Final Draft with professional editing by the Bank.

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