

Terms of Reference



iDICE

Investment in Digital and Creative Enterprises Programme

Consultancy Services

To

Update STEM Curricular for Universities Under the National Universities Commission (NUC)

Technology and Creative Sector

Financing Agreement reference: 2000200005160

Project ID No.: P-NG-K00-009



BANK OF INDUSTRY
...transforming Nigeria's industrial sector.

1. Background

The Federal Government of Nigeria has received financing from the African Development Bank (AfDB), Agence Française de Développement (AFD) and the Islamic Development Bank (IsDB) towards the implementation of the Investment in Digital and Creative Enterprises (iDICE) Programme and intends to apply part of the agreed amount for this finance to payments under the contract for a consultancy service to provide support for **Consultancy Services To Update STEM Curricular for Universities Under the National Universities Commission (NUC)**.

The iDICE programme is to provide support to updating the STEM Curricula for higher learning in Nigerian Universities. This consultancy will update the existing curricula for STEM subjects as applied in Nigerian Universities under the purview of the NUC.

2. Objectives

The primary objective of this activity is to update the STEM curricula used in Nigerian Universities, with particular regard for advancing learning in relevant subjects that apply to the digital and creative industries. It will also:

- I. Update the STEM curricula to meet with present day skills needs and learning needs that translate into employability within the digital and creative industries.
- II. Deliver an updated STEM Curricular that focuses on learning for future-proof jobs.
- III. Recommend a mechanism for regular updates to the curricula.

3. Scope of Work

The consultancy will involve the following key activities:

Desk Research/Survey:

- A. Reviewing the current state of STEM curricula in Nigerian Universities.
- B. Survey the digital and creative industries for most in-demand skills.

Stakeholder Sessions:

- C. Map stakeholders in the public and private sector.
- D. Hold stakeholder events to capture a broad selection of views on skills training in the digital and creative sector.

Reporting/Drafting Framework:

- A. Draft a proposed updated STEM curriculum for digital and creative skills to be applied by the NUC.
- B. Develop a comprehensive report detailing the findings, including identified gaps, root causes, and potential impact.

4. Requirements

- I. Have a minimum of 5 years of demonstrated professional experience in research, studies, drafting public sector policy documents particularly in higher education and/or technical skills training and certification.
- II. Proof of the availability of experienced technical and operational staff with requisite certifications.
- III. Ability to work with a wide range of partners and manage multiple, simultaneous and shifting demands/ priorities under tight timelines.
- IV. Demonstrated compliance with all safety regulations and environmental protection regulations.
- V. Familiarity with the tech and creative sectors in Nigeria.

5. Reporting

The Consultant shall prepare a comprehensive report for the iDICE programme through the Programme Coordination Unit (PCU). The report should be well-organized, data-driven, and presented in a clear and easily understandable format.

6. Duration

The specified duration of the consultancy shall be for a maximum of Twenty-Eight (28) weeks, any need for extension should be communicated to the PCU in writing and with justifications stated.

7. Confidentiality

All data and information obtained during the consultancy must be treated as confidential and used solely for the purpose of this project.

8. Conflict of Interest

Consultant(s) will be required to highlight any areas where there is a potential conflict of interest and should propose mechanisms to resolve or manage these conflicts. This

will not be regarded as a negative feature of an application, inasmuch as the BOI-iDICE PCU is satisfied that any conflicts will be handled in a manner consistent with the interests of the project. Wherever possible, prospective Consultant(s) should follow technical, operational and commercial best practices in managing potential conflicts.

Prospective Consultant(s) should note that failure to disclose any material conflict of interest that is subsequently identified in the assessment process will be regarded as a significant negative feature. For joint ventures, the lead partner must have the power of attorney.

9. Time Frame

Activity	Deliverable	Time frame
Desk Research/Survey	Inception Report	Four (4) Weeks from contract signing
Stakeholder Sessions	Stakeholder sessions held with reports from each event	Eighteen (18) weeks from approval for inception report
Draft Framework/ End Report	Updated STEM Curricula (Draft)	Six (6) Weeks from approval of stakeholder session report