



TRANSMISSION COMPANY OF NIGERIA(TCN)

REQUEST FOR EXPRESSIONS OF INTEREST

(CONSULTING SERVICES)

THE FEDERAL REPUBLIC OF NIGERIA NIGERIA TRANSMISSION EXPANSION PROJECT (NTEP-1)

Sector: Energy

The **Federal Republic of Nigeria** has applied for financing from the African Development Bank (ADB) towards the cost of the Nigeria Transmission Expansion Project-1, and intends to apply part of the credit under the project for the *Consultancy Services for Engineering design review and Supervision of 330kV double circuit Quad conductor transmission lines, 330/132/33kV & 132/33kV substations contracts, as listed below:*

Transmission lines:

- i) **Lot 1:** Construction of new 330kV Mando (Kaduna) – Rimin Zakara (Kano) 205km double circuit QUAD conductor transmission line with Turn In-Out at New Zaria substation.
- ii) **Lot 2:** Reconstruction of existing 330kV Delta-Benin 107km single circuit Twin conductor transmission line to double circuit QUAD conductor, with additional 1x 330kV line bay extension each at the existing Delta (Ughelli) and Benin (Main) substations.
- iii) **Lot 3:** Reconstruction of existing 330kV Alaoji-Ihiala-Onitsha 138km single circuit conductor transmission line to double circuit QUAD conductor, with additional 1 x 330kV line bay extension each at the existing Alaoji and Onitsha substations including Turn In-Out at Ihiala substation.

Substations:

LOT 1

- i) 2x150MVA, 330/132/33kV & 2x60MVA, 132/33kV complete Substation at Zaria, including 4x330kV, 4x132kV line bays and 6x33kV feeder bays.
- ii) 2x60MVA, 132/33kV complete substation turn in-out of the existing Kaduna-Zaria 132kV double circuit transmission line at Jaji, with 2x132kV line bays and 6x33kV feeder bays.

LOT 2

- i) 2x150MVA, 330/132kV & 2x60MVA, 132/33kV complete substation turn in-out of the existing Kaduna - Jos single circuit transmission line at Millennium city Kaduna, including 4x330kV, 4x132kV line bays and 6x33kV feeder bays.
- ii) 2x60MVA, 132/33kV complete substation turn in-out of the existing Kaduna old power-house- Mando 132kV double circuit transmission line including 4 x 132kV line bays and 6 x 33kV feeder bays at Rigasa.

The services included under this project are:

1. Review and approve the Contractor's detailed design documents for compliance with the technical specifications of the contract document;
2. Provide Project Management services including appropriate project documentation and filling systems as well as project implementation procedures.
3. Assist in Contract Administration and carryout Construction

supervision during project execution.

4. Participate in Factory Audit, Inspections and Acceptance Tests as part of the Quality Assurance Process for the projects.
5. Provide training for Client's staff on network planning & design, project management, E & S and supervision of construction works.
6. Monitor the implementation of the environmental and social impact mitigation as depicted in the project's Environmental and Social Impact Assessment (ESIA) and Environmental and Social Management Plan (ESMP)
7. Supervise and approve installations, site tests and commissioning of equipment and also facilitate the smooth takeover of the projects and ensure that the appropriate warranties for Construction, maintenance and operation are in place.
8. Approve the complete set of "As-Built" drawings and documentations prepared by the EPC contractors, and hand over to the client.
9. Prepare and submit Project Completion Report in accordance with the African Development Bank's requirements.

The Transmission Company of Nigeria (TCN) invites eligible consultants to indicate their interest in providing these services. Interested consultants must provide information indicating that they are qualified to perform the services (brochures, Company profile, financial status, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.). Consultants may constitute joint-ventures to enhance their chances of qualification.

Eligibility criteria, establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank's Procurement Policy for Bank Group funded operations, dated October 14th, 2015.

Interested consultants may obtain further information at the address below during office hours from 8:30 am to 5:00 pm local time.

Transmission Company of Nigeria – Project Implementation Unit (TCN-AfDB PIU)

Conference Room,

Attention: Engr. A.M. Abdulazeez - Project Manager (TCN-AfDB PIU)

Plot 1285, Wikki Spring Street, New Extension Maitama, Abuja 900271,

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DEADLINE FOR SUBMISSION

Expressions of interest must be delivered to the address above *ON or BEFORE October 23, 2019* at 12:00 noon local time and mention "Consultancy Services for Engineering design review and Supervision of 330kV Quad conductor Transmission Lines & 330/132/33kV Substation contracts".