

SUPERVISION SERVICES FOR ELECTRICAL INTERCONNECTION LINE GHANA – TOGO – BENIN SEPTEMBER 2013 – ONGOING

ISSUED – OCTOBER 2014

PROJECT DESCRIPTION

The main objective of the 330 kV project to connect the electricity networks of CEB to those Nigeria and Ghana, is to meet growing need for power, cost effectively and without compromising quality. The new infrastructure will meet the needs of growing populations, as well as the socio economic and industrial activities in the republics of Togo and Benin. The project concerns design studies, procurement of electric equipment and the construction of the following electrical works:

- The extension of the substation 330/161/20 kV Sakété and 330 kV overhead line in Benin
- The construction of the 330/161/20 kV substation Davie, 161/20 kV Légbassito
- 198 km overhead lines 330 kV and 161 kV (double circuit) connections associated positions in Togo

The works are estimated to be completed in June 2015.



ADMINISTRATION

Funding: co-financed by World Bank – Kreditanstalt für Wiederaufbau – Fond Africain de Développement – West African Development Bank

Owner: Compagnie d'Electricité du Bénin (CEB)

Engineer: Joint-Venture CABIRA / SGS

Contractors:

SAE-GAMMON Consortium: 330kV lines Togo & Ghana – 161 kV lines Togo

SIEMENS: 161/20 kV substations in Togo

INEO Energie Export: 330kV substation extension in Benin

SERVICES

Before the works:

- Basic design review
- Review of technical specifications
- Execution documents review

During the works:

- Inspection of the works according to the project, normative references and regulations
- Factory acceptance tests witnessing
- Monthly reporting
- Budget and quality control
- Monitoring of works progress for payment certification

- Site inspections
- Witnessing of tests and controls
- Evaluation of final as built documents
- Health and safety coordination

After the works:

- Final acceptance of works prior to commissioning

BUDGET

- SAE GAMMON: € 19.6M
- SIEMENS: € 26.6M
- INEO Energie Export: € 5.8M
- CABIRA/SGS: € 1.1M

PROJECT TEAM

The JV CABIRA/SGS is in charge of the supervision services and coordination of the different interfaces and components of transmission and distribution of the project.

SGS:

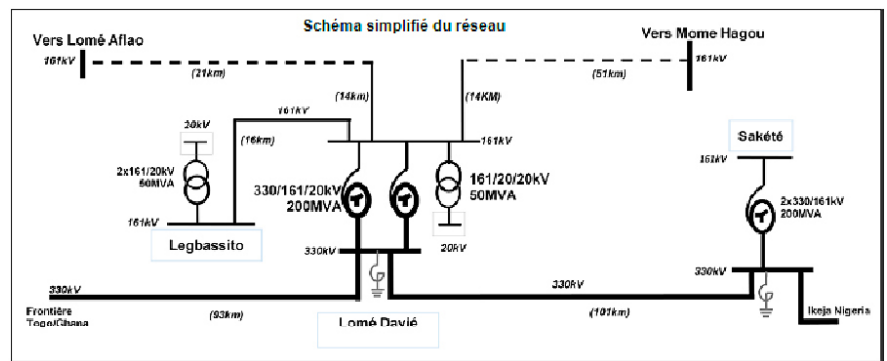
- 1 teamleader
- 1 substations expert
- 1 electrical engineer

CABIRA:

- 1 project director
- 1 electromechanical engineer
- 3 telecoms and protection experts
- 2 electrical engineers

CONTACT SGS

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In partnership with



**Communauté
Electrique du
Bénin**

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