



"Building a World Class National Grid"
KENYA ELECTRICITY TRANSMISSION COMPANY LTD.

ENGINEER SCADA & SUBSTATION AUTOMATION SYSTEMS - (KET 6) ONE (1 POST) REF: KET/5/1C/40/159-B (9/2023) ON PERMANENT AND PENSIONABLE

Reporting to **Senior Engineer SCADA-Control Centres.**

Job Purpose

This job is responsible for implementing, testing, commissioning and maintaining Substation Automation and SCADA Systems of all KETRACO Substations, to allow for both Monitoring and Control of the substations both from the local Substations and from the Central SCADA system at the National Control Centre in Nairobi and to support data analysis, decision making and 99.99% system availability.

Key Responsibilities/Duties/Tasks

- i) Reviewing Contractor Design and implementation of for Substation Automation Systems. Supervising of Technicians and Graduate Engineers during Operation and Maintenance of Substation Automation and SCADA Systems.
- ii) Supervising of the Contractor during configuration, Testing and Commissioning of Substation Automation and SCADA systems
- iii) Managing technical teams at site in response to system disturbances
- iv) Undertaking Design, installation, and implementation of for Substation Automation and Telecommunication Systems as per the set standards, specifications and works instructions.
- v) Coordinating Scheduled and Breakdown/Corrective maintenance of Substation Automation and SCADA Systems works at site to ensure 99.99% Availability.
- vi) Performing testing and commissioning of new Substation Automation and SCADA systems
- vii) Evaluating substation database in readiness to commissioning substation automation systems
- viii) Conducting Data Engineering and integration of substation systems to the Central SCADA system
- ix) Receiving Electrical Permits to Work and Limitation of Access at site and manages ground technical teams when working in substation sites to ensure application safe working procedures
- x) Testing all Substation Automation and Control Systems and compiles test reports for approval

- xi) Implementing Substation Automation system database design, architecture and data engineering in substation projects
- xii) Conducting Data Engineering and coordination of integration of substation systems to the Central SCADA system.
- xiii) Preparing SCADA works reports.

Qualifications & Skills required

- i) A Bachelor's degree in Electrical Engineering or related field from a recognized institution
- ii) Registered Engineer with EBK as a graduate member
- iii) Registered Engineer with IEK as a graduate member;
- iv) Certificate of training in Substation Automation and SCADA Systems
- v) **Must have** three (3) years relevant work experience

Working Conditions

- i). Control room
- ii). Office setting

MANDATORY REQUIREMENTS FOR ALL POSITIONS

Applicants MUST provide the following documents on application:-

- i). A Signed application letter;
- ii). A detailed Curriculum Vitae indicating current and previous employers, positions held, level of education, current and expected salary, notice period required to take up appointment and names of at least three professional referees;
- iii). Copies of academic and professional certificates; and
- iv). Copy of National Identification Card or Passport.

Important Information to note:

- i). Candidates should provide all the details requested for in the advertisement. It is an offence to include incorrect information in the application;
- ii). Only shortlisted and successful candidates will be contacted;
- iii). Canvassing in any form will lead to automatic disqualification;
- iv). Shortlisted candidates shall be required to produce originals of their National Identity Card, academic and professional certificates during interviews; and
- v). It is a criminal offence to present fake certificates/documents.

Only Successful candidates will be expected to present the following Chapter Six Clearance Certificates : -

- a) Valid Certificate of Good Conduct from the Directorate of Criminal Investigations;
- b) Valid Clearance Certificate from Higher Education Loans Board (HELB);
- c) Valid Tax Compliance Certificate from Kenya Revenue Authority (KRA);

- d) Current Clearance from the Ethics and Anti-Corruption Commission (EACC);
and
- e) Current Report from an approved Credit Reference Bureau (CRB).

The Company is an Equal Opportunity Employer and is committed to implementing the provisions of the Constitution – Chapter 232 (1) on fair competition and merit, representation of Kenya’s diverse communities and affording equal employment opportunities to men and women, members of all ethnic groups and persons with disabilities. **THEREFORE, PEOPLE WITH DISABILITIES, THE MARGINALIZED, THE MINORITIES AND FEMALE CANDIDATES ARE ESPECIALLY ENCOURAGED TO APPLY.** Applications without the relevant qualifications, copies of documents/details as sought for will not be considered. Any form of canvassing and giving false information shall lead to automatic disqualification. *Only shortlisted candidates shall be contacted.*

Interested candidates fulfilling the required qualifications should submit their application clearly indicating the position applied for and vacancy Reference No. as the subject heading via the **joblink** posted on KETRACO website.

NOTE: These positions are open to **KENYAN Citizens ONLY.**

The successful candidates for the positions will be offered competitive remuneration package in accordance with the Company guidelines. Candidates who meet the above requirements should submit their applications by **16th October 2023** at 5.00pm so as to reach:-

**The Managing Director,
Kenya Electricity Transmission Company Limited,
KAWI COMPLEX, 4th Floor,
Popo Road, South C, along Red Cross Road,
P.O. Box 34942 – 00100,
NAIROBI.**

Hard copy **MUST** be sent via post office, courier or hand delivered to our offices in KAWI House, on 3rd Floor, Human Resource Office. Further, candidates **MUST** fill an online form on our website.