

## CURRICULUM VITAE

**Position :** Project Manager - Electrical  
**Name of Staff:** **Bernard Kisembo**  
**Profession:** Electrical Engineer  
**Date of Birth:** 1958  
**Years with the Firm:** 7 years **Nationality:** Ugandan

### Membership in Professional Societies:

- Member Uganda Institution of Professional Engineers
- Member of the National Executive Committee (NEC) of the Uganda National Association of Building and Civil Engineering Contractors
- Registered Engineer, Engineers' Registration Board

### Key Qualifications:

Mr. Kisembo has gained intensive experience in industrial electrical and mechanical installations. He has gained further experience in project planning, implementation and management through his position as Technical Manager/Projects Electrical engineer on a wide variety of projects. He has attained vast experience in large current power supply installations through his involvement in various project which include Sub-stations installation, high and low voltage switchgears, power transformers, transmission and distribution power systems.

### Education:

- 1984 - Makerere University, B.Sc (Eng.)
- 1986 - Makerere University, Faculty of Technology, Certificate "Refrigeration Equipment and Controls"
- 1991 - Management Training and Advisory Centre, Nakawa Certificate "Project Planning and Management Course"
- 2001 - Certificate in "Basic Solar Electric Installation Course" Karadea, Tanzania

### Employment Record:

1998 –

**To date: MULTI-KONSULTS, Consulting Engineers and Technical Planners**

Participating in the design, documentation and implementation of following projects:

- Modernisation and Redevelopment of Crested Towers Building including two main power substations, high voltage switchgears, power transformers of total rating of 3MVA, low voltage switchboards and the entire power supply and distribution systems.
- Social Security House ( Workers House) Project, Kampala including one major main power substation, high voltage switchgears, power transformers of total rating of 4MVA, low voltage switchboards and the entire power supply and distribution systems.
- Lincoln International School - Lubowa New Campus
- Rwenzori Courts Commercial Building, Kampala
- IPS ( Jubilee Insurance) Building, Kampala
- Rehabilitation of Faculty of Medicine Building, Makerere
- Rehabilitation of Barclays Bank, Kampala Road
- Rehabilitation of Uganda Commercial Bank, Kampala Road
- Rehabilitation of Windsor Lake Victoria Hotel, Entebbe

- Design and documentation of 11kV Ring Extension for Civil Aviation Authority at Entebbe International Airport
- Verification and Audit of the Rural Electrification Schemes constructed by Uganda Electricity Distribution Company Ltd in Bombo, Entebbe, Bushenyi, Gulu, Hoima, Iganga, Jinja, Kabale, Kasese, Kayunga, Kitgum, Masaka, Masindi, Mbale.
- Review of Electrical Installation within the Ministry of Finance, Planning and Economic Development Estate

**1995-  
June ,1998**

**Gauff Ingenieure, Consulting Engineers, Kampala, Uganda  
Electrical/Mechanical Engineer for Uganda Second Water Supply  
Project**

The Uganda Second Water Supply Project is funded by the World Bank and the Government of Uganda. This Project included expansion of water supply services, sewerage and sewage disposal and covers the towns of Kampala, Tororo, Mbale, Masaka and Mbarara involved in the electrical/mechanical works in reviewing the project design, documentation and supervision of the works during implementation phase.

Summary of works included:

**LOT 1 KAMPALA/TORORO/MBALE**

- Review and technical appraisals of technical offers proposed by the contractor for the motor control centres (m.c.c), pumps and their protections and controls
- Rehabilitation and installations at no. booster pumping stations
- Installation of surge suppression equipment
- Domestic installations and site lighting
- All necessary electrical tests and pump performance tests
- Commissioning of electrical/mechanical installations

**LOT 2 KAMPALA SEWERAGE AND SEWAGE DISPOSAL**

- The electrical/mechanical works involved the rehabilitation of Bugolobi Sewage treatment works installations and various sewage booster pumping stations in Kampala
- Review and appraisal of technical offers by the contractor for pumpsets, motor control centres, surge suppression equipment, switchgear etc.
- Carrying out all necessary electrical and mechanical tests  
Commissioning of the installations

**LOT 3 & 4 MASAKA AND MBARARA**

Construction of no. new water treatment works of capacities 5,000 cu.m/d and 7,500 cu.m/d incl. pumping stations complete with all civil and electro-mechanical installations. Installation of 11KV/415V substations complete with 11KV supply transmission lines, transformers, switchgear, cabling and all necessary protections and controls.

- Installations of 500KVA standby generators complete with all necessary switching, protections and controls
- Installations of pumpsets, surge suppression equipment, motor control centres and all other plant required to complete the water treatment works
- Installation of domestic supplies, site lighting and lightning protection

- All necessary electrical inspection and testing of domestic installations and industrial plant
- Commissioning of the electrical/mechanical installations

**SECOND MOMBASA AND COASTAL WATER SUPPLY**

Checking all electrical designs and technical offers proposed by the contractor for the rehabilitation and augmentation of Sebaki and Mombasa water works. This included, checking the required expansion on the 33/3.3KV substation and the water pumps installations with all necessary motor control centres, switchgear, protections, controls and cabling.

**1991-1995 Power Engineering Ltd., Jinja, Uganda  
Technical Manager**

As Technical Manager in a construction firm, was responsible for the overall supervision of the construction sites and the installation of the electrical and mechanical services. Responsible for contract documentation, materials estimates and quotations for tender, in addition to drawing of site work programmes, implementation and evaluation. Also responsible for project financial forecast, valuation and claims.

Works involved with, among others, included:

The installation of a water pumping station involving large diameter. pipes and the associated switchgear,

- 500kVA transformer and the motor control centres.
- 33KV, 415V power substations involving the checking and servicing of the protection switchgear for transformer, oil circuit breakers and motors. This included auxiliary supplies like air compressors, motors, standby generators and proper setting of trip mechanisms.
- Responsible for the design and installation of remote controlled changeover system for the U.C.B. generator and UEB power installations for the Bank Computer installations and associated uninterruptible power supply (UPS) installations.
- Technical advisor on the rehabilitation of UGMA Engineering Works for high voltage (11KV) substation, cable sizing, tray sizing, system earthing, motor control centres, electric cranes, indoor and outdoor lighting in addition to small power installations.
- Involved in construction of overhead power lines of both pole and tower type

**1984-1991 Nile Breweries Ltd., Jinja, Uganda  
Electrical Engineer - Head Electrical Section**

- Responsible for the maintenance of the entire brewery electrical installations. This included 11KV/415V substation, transformers and associated switchgear, refrigeration plant, air compressors, etc.
- Responsible for the brewery water pumping station and water treatment plant
- Responsible for deployment and supervision of electrical staff
- In charge of system expansion designs, and modifications to improve on capacity, safety and efficiency
- Responsible for making and controlling sectional budgets

<b>Languages</b>	<b>Speaking</b>	<b>Reading</b>	<b>Writing</b>
Ugandan Local Languages (most)	Good	Fair	Fair

Swahili  
English

Fair  
Excellent

-  
Excellent

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Excellent