

# CURRICULUM VITAE

## Caleb Njoroge Ndung'u

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Murang'a.

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Date of Birth: 25<sup>th</sup> Jan 1985

ID No. 24374427

### **Career Objective**

To apply and improve my knowledge skills and experience in an organization that works towards improvement in civil works infrastructure through the knowledge and expertise that I have acquired all through my training and career.

### **Work Experience**

#### **Nov 2016 – To Date: Engineering Technician Water**

Working for Nairobi City Water & Sewerage Co. Ltd.

*Involved in:*

- Supervise and inspect company projects assigned to me.
- Organize and allocate duties to the water leakages repair/sewer unblocking gang.
- Receive and analyze the water /sewer blockage works (instructions to do work) and prioritize the work for the day.
- Prepare daily progress reports on work done in the field.
- Supervise and ensure safe keeping of the tools.
- Ensure that Artisans have the necessary working tools to facilitate their work in the field.
- Record and maintain the daily master roll.
- Foster team work e.g. shutting down water to facilitate repairs and turning on the same once repairs are done.
- Determine the methodology for tackling sewer blockages.
- Booking for equipment required for work.
- Production of technical drawing for construction

#### **May 2016 – Nov 2016: Civil/Site Engineer**

Working for Seokang Ltd. on 400kV Transmission Line

##### **1. Project: Sub-Contract for Loyangalani – Suswa 400kV Transmission Line**

**Contract Price (exc. Tax & duty)** Kshs. 120 Million.

**Contract Duration:** 6 Months.

**Client/ Employer:** Kenya Electricity Transmission Co. Ltd.

**Consulting Engineers:** DNV-GL.

*Involved in:*

- Entire Site Set up and mobilization of staff, plant and materials.
- Supervise technician foremen and other junior staff.
- Checking materials and work in progress for compliance with the specifications.
- Resolve technical issues with employer's representatives, suppliers, main contractor and statutory authorities.
- Site Supervision, daily planning and scheduling of the works (labour, plant and material).
- Liaison with Client, Consultants, stakeholders, local communities.
- Attend monthly site meetings with the Client and Consultants.
- Ensuring site Environmental safety and Health.
- Undertaking Engineering survey and setting out of the Towers foundations.

### **January 2016 - To May 2016: Civil/Site Engineer**

Working for **Stansha Ltd.** on Kiserian Seerage Project Phase I Long Term Intervention).

#### **1. Project: Kiserian Sewerage Project**

<b>Contract No.</b>	AWSB/GoK/KSP/01/14
<b>Contract Price (exc. Tax &amp; duty)</b>	Kshs. 731 Million.
<b>Contract Duration:</b>	18 Months.
<b>Client/ Employer:</b>	Athi Water Services Board.
<b>Consulting Engineers:</b>	Gath Consulting Engineers in joint Venture with Losai Management Ltd.

##### *Involved in:*

- Entire Site Set up and mobilization of staff, plant and materials.
- CAD Technician for the entire project
- Supervise technician foremen and other junior staff.
- Checking materials and work in progress for compliance with the specifications.
- Resolve technical issues with employer's representatives, suppliers, subcontractors and statutory authorities.
- Site Supervision, daily planning and scheduling of the works (labour, plant and material).
- Liaison with Client, Consultants, stakeholders, local communities and other utility providers
- Attend monthly site meetings with the Client and Consultants.
- Preparing record drawings progress and technical reports.
- Ensuring site safety.
- Undertaking Engineering survey.

### **May 2014 - January 2016: Civil/Site Engineer**

Working for **Stansha Ltd.** on Lake Victoria South Water and Sanitation Program (LVWATSAN Phase II Long Term Intervention).

#### **2. Project: Rehabilitation of Sewerage Treatment Plant and Construction of Sanitation Facilities for Kericho Town**

<b>Contract No.</b>	LVSWSB/C/07/2013-2014 LOT 1.
<b>Contract Price (exc. Tax &amp; duty)</b>	Kshs. 297 Million
<b>Contract Duration:</b>	18 Months.
<b>Client/ Employer:</b>	Lake Victoria Water Services Board.
<b>Consulting Engineers:</b>	Gibb Africa Ltd.

##### *Involved in:*

- Entire Site Set up and mobilization of staff, plant and materials.
- Overall co-ordinating and administration of the entire site works.
- Ensuring strict adherence to health, safety and environment regulations at Project Sites.
- Planning and programming of works jointly with the Consultants other site engineers and surveyor.
- Site Supervision, daily planning and scheduling of the works (labour, plant and material).
- Liaison with Client, Consultants, stakeholders, local communities and other utility providers
- Attend monthly site meetings with the Client and Consultants and the Service provider KEWASCO and preparing monthly progress reports.

#### **3. Project: Kenya Somali Border Security Project Mandera (Manufacturing of Pre-cast Concrete Fencing Posts)**

<b>Contract No.:</b>	MICNG/ KSBSP/ 001 /2014-2016.
<b>Contract Price:</b>	Kshs. 300 Million.
<b>Contract Duration:</b>	6 Months.
<b>Client/ Employer:</b>	Office of the President Ministry of Interior And Co-Ordination of National Government
<b>Engineers:</b>	Ministry of Transport and Infrastructure

*Involved in:*

- Entire Site Set up and mobilization of staff, plant and materials.
- Overall co-ordinating and administration of the entire site works.
- Ensuring strict adherence to health, safety and environment regulations at Project Sites.
- Planning and programming of works
- Site Supervision, daily planning and scheduling of the works (labour, plant and material).
- Attend monthly site meetings with the Client and preparing monthly progress reports.
- Measurements of the works executed and submitting quantities.
- Submitting daily progress reports.
- Interpreting and executing project working drawing at site

**MAY 2013 - TO MAY 2014: Civil Engineer and CAD Technician,**

Working for **IVRCL Limited**. On Bura Irrigation, rehabilitation and Settlement Project

**Contract No.:** NIB/T/046/2010-2011.

**Contract Price:** Kshs. 7.3 Billion

**Contract Duration:** 42 Months.

**Client/ Employer:** National Irrigation Board.

**Consulting Engineers:** Joint Venture of CAS Consultant/ Saleh & Hegab/Al-Dowailah

*Involved in:*

- Project planning and execution at site within defined norms to meet deadlines.
- Identification of sources of materials and conduct appropriate tests for the works.
- Interaction with client and consultant for approvals.
- Effective utilization of materials, manpower and machinery through effective coordination
- Ensuring safety, health and environmental parameters on site.
- Measurements of the works executed and preparation of certificates for payments of the work done.
- Involved in setting out to true levels/co-ordinates and centerlines, construction supervision and quality control of the entire works.
- Production of Construction Drawings for Consultant Engineer's approval.
- Construction of Rain Water harvesting systems i.e. Pans, Sand Dams, Roof catchment.

**AUG 2011 - TO APRIL 2013: Inspector of Works and CAD Technician,**

Working for **Howard Humphreys (East Africa) Ltd Consultant Engineers**. On **Murang'a Bulk Water Supply and Sewerage Project**

**Contract No.:** TWSB/ADF/003/2010-2011. And TWSB/ADF/002/2011-2012

**Contract Price (Water):** Kshs. 825 Million

**Contract Price (Sewerage):** Kshs. 175.8 Million

**Contract Duration (Water):** 24 Months.

**Contract Duration (Sewerage):** 19 Months.

**Client/ Employer:** Tana Water Services Board.

**Contractor (Water):** China Jiangxi International (K) Ltd

**Contractor (Sewerage):** Toddy Merchants Limited

*Involved in:*

- Production of Construction Drawings for both sewerage and water projects.
- Setting out of layout plan to the ground.
- Survey of new water pipelines and laying of pipeline from DN160 to DN400.
- Planning and design of new water pipeline.
- Planning and design of new sewerage ponds and lines.
- Measurement of Civil Engineering Quantities (bill of quantities)
- Construction and materials technology.
- Preparation of field daily reports.
- To attend various meetings and submit written progress reports.
- Ability to undertake basic in-situ tests for building materials.
- Supervision of construction of a new full chemical treatment and Expansion and Rehabilitation of Murang'a Sewerage treatment works.

APRIL 2011 - AUG 2011

: Site Supervisor

Working for Joint Commercial Suppliers

**Project:** Construction of new sewer lines at Informal settlements Nairobi

**Contract No.:**

**Contract Price:**

**Contract Duration:** 18 Months.

**Client/ Employer:** Athi Water Services Board.

**Consulting Engineers:** Athi Water Services Board Engineers.

*Involved in:*

- Maintaining appropriate records.
- Supervising daily works for the construction of the sewer line.
- Investigating citizens' complaints.
- Making budget recommendations to superintendent.
- Directing and coordinating activities of subordinates under my supervision.
- Assures appropriate use and care of equipment utilized by employees under my direction.
- Trains employees under my supervision.
- Supervise the activities of the division.
- Performing additional duties as may be required

Education and Trainings

SEPT 2009 - MARCH 2011

**Diploma in Water Engineering, Kenya Water Institute – Nairobi, Kenya**

- Grade - Pass

JAN 2007 - NOV 2008

**Certificate in Water Engineering, Kenya Water Institute – Nairobi, Kenya**

- Grade - Credit

JAN 2000 - JAN 2003

Kiaguthu Secondary School - Murang'a, Kenya

JAN 2004 - NOV 2005

Maragi Secondary School - Murang'a, Kenya

- **Kenya Certificate of Secondary Education** Grade - C plain

JAN 1992 - NOV 1999

Vidhu Ramji Academy - Murang'a,

- **Kenya Certificate of Primary Education** Marks - 425

Training:

Nov 2015 - NOV 2015 (45Hrs)

Centre for Innovative Technology Ltd

- **AutoCAD Civil 3D**

ADCC I.E Ltd (90hrs)

- **AutoCAD Civil 3D**

- **Revit**

- **Robot**

- **Infraworks**

Computer/ Technical Skills

- Microsoft office suite

- Adobe page maker

- Use of internet

- Ms Project.

- AutoCAD Civil 3D, Topo CAD, ZWCAD, ArchiCAD.

- Exporting data for viewing in Google Earth and Arc MAP

### Other Skills

- Clean Valid Driving License: Holder of class B, C and E.
- Fork Lift Operator.

### Language skills:

Language	Reading	Speaking	Writing
English	Excellent	Excellent	Excellent
Kiswahili	Excellent	Excellent	Excellent

### Other Achievements

- Contracted by Sogea Satom for the contract of Mwea Irrigation Development project ICB package II: Civil works of irrigation and drainage facilities, production of construction drawings.
- Contracted by H Young & Co. (E.A.) Ltd for Production of construction drawing for the project of supply and installation of steam gathering system for 90mwe power plant at Menengai geothermal field.
- Contracted by Ganesh Construction Company Ltd in production of working drawings at Delmonte Ltd for;
  - (a) Pipe work and fittings drawings and pipe work schedule for replacement of existing steel water pipes to HDEP pipes and fittings.
  - (b) Installation drawing for plant chiller and pumping system for the chiller.
  - (c) Installation of pipe work, pneumatic actuated butterfly valve and impeller pump at the fruit intake artificial river.
- Contracted by Eng. Davis Wanangwe for production of structural drawings for Mwania and Bergei Dams structures.

### Professional Registration

I am Registered with the Institution of Engineering Technologist and Technician of Kenya as a Certified Engineering Technician. (**Registration No. 2060**) and also a member of The Kenya Engineering Technology Registration Board (**Registration No. CTn 00161**)

### References

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#### **Engr. Patrick M. Gateru**

R. Eng, MIEK

Senior Resident Engineer.

GIBB Africa Limited

1st Floor, Kaka House, Maua Close

P. O. Box 30020, 00100

Tel: (0712599585)

#### **Engr. George Kimathi Muriithi**

Asst. Resident Engineer,

Howard Humphreys E.A Ltd Consulting Engineers,

P. O. Box 30156-00100, Nairobi.

Tel: (0722 985732)

Email: gmuriithi@howardhumphreys.co.ke

#### **Engr. David Manore**

Engineering Manager

Nairobi City Water & Sewerage Co. Ltd.

P. O. Box 30656 - 00100.

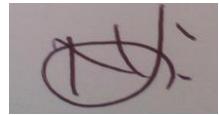
Nairobi.

Tel: (0721 576183)

Email: DManore@nairobiwater.co.ke

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications and my experience I understand that any willful misstatement described herein may lead to automatic disqualification/ dismissal if engaged.



— (Signature) —

Caleb Njoroge Ndung'u

09<sup>th</sup> October, 2022

— (Date) —