

ENGINEERS BOARD OF KENYA (EBK)

CURRICULUM VITAE

SUBMISSION FOR THE PROFESSIONAL INTERVIEW (PI)

PART 1 OF 2

REPORT ON TRAINING AND EXPERIENCE

BY:

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Bachelor of Engineering (Civil and Structural-Moi University, Eldoret)

Date: October 2019

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1.0 DECLARATION

This report has been prepared in accordance with the requirements of Engineers Board of Kenya (EBK) as stipulated in “Notes and Rules for candidates: 2011”

It is submitted in partial fulfillment of the requirement for Registration with EBK as a professional Engineer (PE).

CANDIDATES PERSONAL DETAILS

Name: Simon Kiplangat Korir

Gender: Male

Nationality: Kenyan

Marital Status: Married

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Nairobi.

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Signature: **Date:**

EDUCATION BACKGROUND

Institution (Date From – Date to)	Award
Moi University	Bachelor of Engineering (Civil and Structural) (Second Class Honors -Upper Division)

LANGUAGE SKILLS: (1-Excellent; 10-Poor)

Language	Reading	Speaking	Writing
English	1	1	1
Kiswahili	1	1	1

CURRENT POSITION

- Resident Engineer ,Water sector trust fund

Key qualifications

- Registered Graduate Member with Institution of Engineers of Kenya – **Reg. No. G4971**
- Registered Graduate Engineer with Engineers Board of Kenya – **Reg. No. B7432**

Key competencies include:

- Ability to design and supervise various Civil Engineering Projects.
- Over 10 years' experience in design and supervision.
- Good interpersonal communication skills and networking.
- Able to work under pressure with minimum supervision.
- Proficiency in Ms Word, Excel and PowerPoint.

2.0 SUPERVISOR'S DECLARATION

Eng.SAO Alima certify that this is the true and original work of Mr. Simon Kiplangat Korir which was carried out under my supervision.

Name: Eng. S.A.O. Alima

EBK NO.: A2008

P.O. BOX 49720-00100,

NAIROBI.

Cellphone: +254722 744 816

Email: saotalima@gmail.com

Signature: Date:

3.0 SUMMARY OF TRAINING AND EXPERIENCE REPORT

PERIOD	EMPLOYER AND POSITION HELD	PROJECT RESPONSIBILITY	TRAINING AND EXPERIENCE	DESIGNATION	DURATION IN YEARS	REPORTING TO
July 2019 to December 2019	Resident Engineer Water sector trust fund	Entasekera and Sogoo water projects		Resident Engineer	6 Months	Manager Rural Investment
January 2018 to July 2019	Ministry of Water and Sanitation, Maji House Nairobi			HOD Sanitation Division/ Programme Officer, African Development Bank Funded Projects	1 yr 6 months	Deputy Director, Programmes
Feb 2014 to Dec 2017	County Government of Bomet as Chief officer Roads public works and transport	Engineer in charge of infrastructure	Implementation of County Government policies, Roads, Public works and transport, management of technical staff, supervision of projects Carried out of Assessment of Roads inventory and conditions survey (ARICS) Prepared tender document for procurements of goods and work for roads construction and maintenance. Supervised construction of Roads, bridges, and culverts installation Team leader for Road maintenance Fuel Levy Fund (RMFLF) and Kenya Roads Board (KRB) Team leader for feasibility studies in Malaysia for the visibility of probase. Technology in Kenya, a technology from Malaysia. Coordination of site meeting with contractors.	Chief officer/Engineer Roads	3 years 10 months	

			<p>Sampling of road works, material for laboratory testing, Appointment of Departments adhoc committee on monitoring, Evaluation award of contracts and supervision of projects participated in the procurement and implementation of fleet management software.</p> <p>Supervision of mechanical workshop staff.</p>			
April 2013 to Jan 2014	County Government of Bomet as Chief officer Water	County Government of Bomet as Chief officer Water	<p>Carried out office administration and staff appraisals, CARPS management</p> <p>Design and supervision of pipeline systems and construction of masonry ta</p> <p>Prepared TOR/RfP for procurement of consultancies for feasibility studies for Chebara/Nogirwet irrigation schemes</p> <p>Appointment of Departments adhoc committee on Monitoring, Evaluation, award of contracts and supervision of projects</p> <p>Prepared Departments work plan, procurement plan and cash flow management</p> <p>Participated in the development of county fiscal strategy paper and review of County integrated Development plan, CIDP</p> <p>Participated in the development of proposal writing for Kapkesosio water supply</p> <p>Participated in the procurement of works and materials for kapkesosio water scheme</p> <p>Supervised construction of kapkesosio storage tank and its reticulation systems</p> <p>Participated in proposal writing for Bomet water supply steel elevated storage tank and procurement</p>	Engineer 1	9 months	Eng. Alima

			<p>of works and materials including supervision of construction of the tank</p> <p>Mobilization of community participation in laying of Longisa-Mulot water pipeline and supervised the construction of Masonry storage tank</p> <p>Design and implementation of Kiptobiit Booster pump and rehabilitation of intake works and pipeline systems</p> <p>Carried out study for all water supplies, initiated and implemented procurement and installation of new pump sets and standby generators including the procurement of water bowsers to increase supply and reach out to areas in need</p> <p>Initiates and implementation of installation of storage tanks as a way of quick win/ impacts within the first one hundred days in the devolved systems of Government</p> <p>Supervision of technical staffs, appraisals, accounting for Government funds, supervision of all water works in the District</p> <p>Member of DDC, M&E, District tender committee</p> <p>Participated in the rehabilitation of Kapkulumben and Lugumek Dam by the National water conservation and pipeline corporation</p> <p>Procured,supervised water works for the rehabilitation of Sigor,Olbutyo water supply projects</p> <p>Supervised construction of Kapsirich water tank and distribution lies to Siongiroi</p> <p>Carried out feasibility studies and the final construction of Mismis water distribution line</p>			
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Jan 2012 to March 2013	County Government of Bomet as Chief officer Water	District water Engineer/Graduate Engineer	Supervision of technical staffs, appraisals,accounting for Government funds, supervision of all water works in the District Member of DDC, M&E, District tender committee Participated in the rehabilitation of Kapkulumben and Lugumek Dam by the National water conservation and pipeline corporation Procured, supervised water works for the rehabilitation of Sigor, Olbutyo water supply projects Supervised construction of Kapsirich water tank and distribution lines to Siongiroi Carried out feasibility studies and the final construction of Mismis water distribution line Procurement of water storage tanks and distribution of the same to strategic points as a quick win for water supply to needy areas in the sub county of Chepalungu	1 year 2 months	CEO, LVSWSB	
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4.0 DETAILED REPORT ON TRAINING AND EXPERIENCE

Period: July 2019 to December 2019

Employer: Water sector trust fund.

Designation: Resident Engineer.

Reporting to: Manager Rural Investment.

Duties and Responsibilities:

- Design and supervision of various Civil Engineering projects.
- Survey for the proposed intake sites, anticipated pipeline networks, proposed storage tanks sites and communal water points.
- Detailed designs of all the necessary structures (intake, storage tanks, pipelines etc.).
- Compilation of Tender Documents.
- Financial and economic analysis of the projects.
- Proposed institutional development for effective management of water project.

Projects handled:

Entasekera and Sogoo water Supply projects

Period: January 2018 to July 2019

Employer: Ministry of Water and Sanitation, Maji House Nairobi

Designation: HOD Sanitation Division / Programme Officer, African Development Bank Funded Projects.

Reporting to: Deputy Director, Programmes.

Duties and Responsibilities:

- Design and supervision of various Civil Engineering projects.
- Preparation of BQs for projects under Kenya Towns Sustainable Water Supply and Sanitation Program (KTSWSSP).
- Monitoring and evaluation.
- Preparation for tax exemption documents.

Projects handled:

- Mandera water and sewerage project,
- Narok sewerage project, Chuka
- Chogoria water and sewerage project (all under the Kenya towns sustainable water supply and sanitation programmes)

Period: February 2014 to December 2017

Employer: County Government of Bomet.

Designation: Chief Officer/Engineer Roads

Reporting to: Chief Engineer Roads

Duties and Responsibilities:

- Engineer in charge of infrastructure.
- Roads and bridges projects baseline survey, sites investigation, Designs, preparation of contracts documents, supervision of construction sites, monitoring and evaluation of the projects.
- Carried out Assessment of Roads Inventory and Conditions Survey (ARICS) and developed rates adapted by the county for hire of equipment from the Mechanical and Transport Fund (MTF) dry rates.
- Detailed design, Preparation of BQs and installation of culverts in Chepalungu and Sotik Roads.
- Supervision and interrogation of construction works of Motorized and foot Bridges in Bomet Central, Chepalungu, Konoin, Bomet East and Sotik sub counties.
- Team leader for Road works under Roads maintenance Fuel Levy Fund (RMFLF) and Kenya Roads Boards (KRB).
- Team leader for feasibility studies in Malaysia for the viability of Probase Technology in Kenya, a technology from Malaysia.
- Coordination of site meetings with contractors.
- Sampling of Road works materials for laboratory testing at the Kisii materials laboratory.
- Appointment of Departmental committee on monitoring and evaluation and award of contracts.

- Participated in the procurement and implementation of a fleet management system used in the management of fleets.
- Management of resources allocated to the Department and ensuring proper usage in a way that is lawful and authorized and in an effective, efficient, economical and transparent manner.
- Ensuring that the Department keeps financial and accounting records that comply with PFM Act and the records are kept protected and backed up.
- Preparing Budget estimates for the Department and ensuring proper implementation of the same through the Department's work plan, cash flow and procurement plan.
- Advising the county executive committee member on all technical and other matters relating to the Department.
- Setting standards for selection of contractors to undertake projects in the Department in line with procurement policy and public finance management (PFM ACT) of Government.
- Developing Departments organization structure, draft policy, fiscal strategy plan (FSP) in conformity with medium term fiscal framework (MTEF) and financial objectives of the county Government (county integrated development plan (CIDP)).
- Ensuring that public entities keep financial and accounting records in accordance with the law.
- Monitoring and evaluation of the Departmental projects and ensuring that implementation are carried out as per specifications and set standards.

Projects handled:

Design of kapsimbiri bridge,Reberwet,Saunet

Period: April 2013 to Jan 2014

Employer: County Government of Bomet.

Designation - Chief Officer /Engineer Water infrastructure.

Reporting to: Eng. Alima

Duties and Responsibilities:

- Carried out office administration and staff appraisals, CARPS management.
- Design and supervision of pipeline systems and construction of masonry tanks.
- Prepared TOR/RfP for procurement of consultancies for feasibility studies for Chebara/Nogirwet irrigation schemes and later construction of a 7km twin 6"Ø pipeline from Kimenderit to Chebarra, one for raw water supply for irrigation and the other one for treated water for domestic consumption.
- Appointment of Departments adhoc committee on Monitoring, Evaluation, award of contracts and supervision of Water projects.
- Prepared Departments work plan, procurement plan and cash flow management
- Participated in the development of county fiscal strategy paper and review of County integrated Development plan, CIDP.
- Participated in the development of proposal writing for Kapkesosio water supply, Design and construction of 8km, 3" Ø Rising main pipeline and distribution networks and construction of a 50m³ storage tank at Kapkesosio water supply.
- Participated in proposal writing for Bomet water supply 100 m³ steel elevated storage tank and procurement of works and materials including supervision of construction of the tank.
- Mobilization of community participation in lying of 12km, 6" Ø Longisa-Mulot water pipeline and supervised the construction of 100m³ Masonry storage tank.
- Design and implementation of Kiptobiit Booster pump to deliver at 50m³/hr. against a head of 150m to Longisa CFU and rehabilitation of intake works including installation of a 50m³/hr. pump set to deliver at 170m head through a 6" Ø 12Km rising main pipeline to Kiptobit.
- Carried out study for all water supplies, initiated and implemented procurement and installation of new pump sets and standby generators including the procurement of water bowsers to increase supply and reach out to areas in need.

- Initiates and implementation of installation of storage tanks as a way of quick win/ impacts within the first one hundred days in the devolved systems of Government.

Projects handled:

- Chebarra water project
- Kapkesosio water project
- Rehabilitation of Itare water supply

Period: Jan 2012 to March 2013

Employer: Government of Kenya

Designation: District Water Engineer/Graduate Engineer.

Reporting to: Eng. Alima

Duties and Responsibilities:

- Office administration and Supervision of technical staffs, appraisals, accounting for Government funds.
- Supervision of all water works in the District.
- Member of District Development Committee (DDC,), Monitoring &Evaluation, Member of the District tender committee.
- Participated in the design of spill way and rehabilitation of Kapkulumben and Lugumek Dam by the National water conservation and Pipeline Corporation.
- Procured, supervised water works for the rehabilitation of Sigor, Olbutyo water supply projects, works included upgrading of Rising main from 4” Ø to 6” Ø and extension of reticulation systems to Lugumek, Kabolwo, Chemengwa and Kipkeigei Schools
- Supervised construction of Kapsirich 300m³ capacity water tank and distribution lines to Siongiroi Girls Secondary School.
- Carried out feasibility studies and the final construction of Mismis water 3” Ø distribution line.
- Procurement of 5000 and 10000 litres water storage tanks and distribution of the same to strategic points (shopping centres, Schools and Churches) as a quick win for water supply to needy areas in the sub county of Chepalungu.

Projects handled:

Sigor water supply project.

REFEREES

a) Eng. SAO Alima

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b) Eng. Malaba Keya

c) Eng. Lawrence Simitu