

KEY PROFESSIONAL STAFF CVS, AND CERTIFICATES

CV- SITE AGENT (CIVIL, STRUCTURAL & DRAINAGE ENGINEER)

POSITION: Site Agent
NAME OF FIRM: Tusmo Construction Co. Limited
NAME OF STAFF: Francis Okumu Otsieno
PROFESSION: Civil Engineering
DATE OF BIRTH: 24th April 1978
YEARS WITH FIRM: 2Years
NATIONALITY: Kenyan

Membership in Professional Organizations

No.	Organization	Class of Membership	Abbreviated Title(s)	Year of Registration	Membership Number
1	ERB	Registered Engineer	R. ENG	2011	A2620
2	IEK	Corporate Member	MIEK	2013	M3711
3	NEMA	Lead Expert	L.E	2013	2198

DETAILED TASKS ASSIGNED

As the Technical director (Civil, Structural & Drainage Engineer), he will ensure that the Civil, structural and drainage elements are constructed or designed to the approved standards to achieve the required integrity. Supervise works to check for compliance with design and specifications.

KEY QUALIFICATIONS AND EXPERIENCE

- 11 years' experience in carrying civil, structural design, roads and environmental and social impact assessment and Resettlement Action plans
- Proficiency in Civil 3D, Masterseries, Orion 16, , Prokon, AutoCAD, Land CAD, SPSS, MS office suite and knowledge on application of HDM4.

EDUCATION

Sept. 1998 to June 2003 Bachelor of Science in Civil Engineering
University Of Nairobi
Grade: Second Class Honors (Lower Division)

March 2004 Certificate In AutoCAD 2000 Level 1
Rehema Computer College

Nov. To Dec. 2008 Certificate in Environmental Impact Assessment
Jomo Kenyatta University of Agriculture and Technology (JKUAT)

EMPLOYMENT RECORD

March 2016 to Date TUSMO CONSTRUCTION CO. LIMITED

Position: Site Agent (Civil, Structural & Drainage Engineer)

Duties:

- Preparation of Bid documents
- Programming and planning of works
- Supervision of works to ensure compliance to design and standards
- Coordination of technical personnel
- Planning, scheduling and approval for materials machinery and equipment

Projects

- Routine Maintenance of Mayoni-Elucheka Road for Matungu CDF (grading and bush clearance)
- Routine Maintenance of Wetaba river Drift structure for Matungu CDF (installation of 2No. 900mm Dia. pipe culverts, concreting and hand rails)
- Routine Maintenance of Epanga-Ebusiralo (LUANDA CONSTITUENCY) for KeRRA Vihiga (Bush clearance)
- Proposed Apartments for Francis Okumu in Mumias
- Proposed residential development for Mr. Isaac Miyawa in Donholm Nairobi
- Subcontract for access road off kitengela road Langata for KRA 600m

Oct 2011- to March 2015 KIRI CONSULT LTD

Position: Manager Design & Construction

Projects undertaken

Roads and Drainage Structures

- Geometric design, pavement design, bills of quantities, engineers cost estimates and preparation of engineering reports for Mavoko Town roads, Dayster University loop, quarry loop and Kinani-Kinanie loop and structures design (100m foot bridge, 150m bridge and culverts)
- Design of roads structures Chuluni-Mwitika road (80m bridge and culverts)
- Geometric design, pavement design, bills of quantities, engineers cost estimates and preparation of engineering reports for Meru Bypass road and structures design (2No. 20m bridges and culverts)
- Team leader Axial Load Monitoring in Kenya (Eastern Package)

Water, Sanitation and Irrigation

- Design of intake works, retaining walls, crossing structures for expansion of mitunguu irrigation project
- Design Revisions of proposed Yatta water supply and sanitation structures

Buildings structures and Associated Civil Works

- Proposed Rehabilitation of Kenya Revenue authority Staff Houses in Langata
- Proposed Rehabilitation of Kenya Revenue Training Institute in Mombasa
- Proposed Design of 22 storey Imenti plaza in Nairobi CBD.
- Proposed Makwetu Apartments (20 No.) in Hurlingham Nairobi
- Proposed Stantech apartments (124 No.) in Mavoko
- Proposed Apartments for Kenyatta National Hospital Pension scheme in westlands Nairobi

- Proposed industrial multistorey building and sheds for Kenya Industrial Estates in Industrial Area Nairobi.

Environmental and Social Impact Assessment

- Environmental and social impact assessment for for Mavoko Town roads, Dayster University loop, quarry loop and Kinani-Kinanie
- Environmental Impact Assessment for industrial multistorey building and sheds for Kenya Industrial Estates in Industrial Area Nairobi

Resettlement Action Plan

- Resettlement Action Plan for Meru Town Bypass in Meru.

Oct. 2006 to September 2011 CAS CONSULTANTS LTD
Position Senior Projects Engineer/Environmental
Projects undertaken

Roads

- Feasibility studies for Sotik-Roret-Sigowet-Sokohuru-Kapsoit-Ainamoi-Muhoroni road
- Traffic studies for Narumoru-Munyu-Kalisheni road
- Design of roads structures (Bridges and Box Culverts) for Ekero-Ebuyangu road.
- Design of Roads structures and preparation of bills of quantities for the same for Keroka-Kebirigo road
- Feasibility studies for Githiga-Kibutha-Kanyenyaini (E523) Road.
- Design of Road Structures (Foot Bridges, Underpass and Overpasses) on Westlands Limuru Road.
- Geometric Design, preparation of Tender Documents and Supervision of Access road for Lima Ltd off Mombasa road.
- Axial Load Monitoring on the Northern Corridor and National Trunk roads (Mombasa-Nairobi-Malaba road and Mau summit-Kericho-Kisumu road)
- Design of 50m span bridge with 2No. ramps 180m long each on either side over railway line in Mombasa town station on the Proposed Western Relief road (Mbaraki ,
- Archbishop Makarios , Mwakilingo to Lumumba roads)
- Design of 25m long underpass bridge on Mombasa-Nairobi highway at Miritini in Mombasa on the Proposed western Bypass.
- Design of 13m long underpass bridge over railway line at Miritini in Mombasa on the proposed western Bypass.
- Kisumu Oil Jetty (Design of jetty head, 600m long bridge, access road and buildings) and preparation of bills of quantities including tender documentation

Buildings structures and Associated Civil Works

- Feasibility studies, Hydrological, traffic and Material survey for access roads and parking, design of buildings for One Stop Border Posts at Isebania, Lungalunga and Taveta
- Design and supervision of KenGen RBS Apartments in Parklands, Nairobi (6 blocks of 4 to 7 storey)
- Design and Construction supervision of Magereza Academy at Naivasha Maximum Prison

- Design and supervision of Commercial, Technical Stores & Offices for Kenya Airways in Embakasi, Nairobi.
- Design and supervision of Kenya Airways office building and ULD yard at JKIA
- Design and supervision of Extensions to Kenya airways parking at headquarters
- Design of 9 No. Maisonnettes in Shanzu, Mombasa
- Design and supervision of proposed rehabilitation works to Garissa Primary Teachers Training College.
- Civil and structural design of Kisumu General Post office (six storey)

Water, Sanitation and Irrigation

- Design of Pipeline support Structures, slope stability and sedimentation basin rehabilitation at Sasumua Dam and Mwagu intake works.
- Design of intake works, Gabions, Retaining walls, culverts, crossing bridges for Bura irrigation scheme and preparation of bills of quantities for the same structures
- Design of Smallholder irrigation Project Mt. Kenya, Kutus east irrigation scheme, intake works and sedimentation basin.
- Design of intake works, retaining walls, crossing structures for expansion of mitunguu irrigation project

Environmental and Social Impact Assessment

- Environmental and social impact assessment for Mombasa Town Bypass, Access road to Moi International Airport, Access road to KPA container terminal, Access road to Port Reitz Hospital and Western relief Road in Mombasa.
- Environmental and social impact assessment for Sotik-Roret-Sigowet-Sokohuru-Kapsoit-Ainamoi-Muhoroni road
- Environmental Impact Assessment for a six storey office building for pharmacy and poisons board
- Environmental and Social impact assessment for design and construction supervision of one stop border posts at Isebania, Lungalunga and Taveta for ministry of roads.

Feb. 2005 to Oct. 2006

MANGAT, I.B. PATEL & PARTNERS

Position

Assistant Structural Engineer

Projects undertaken

House for Mr. Feroze Janmohamed on Bendera Lane, House for Mr. & Mrs Chhaganlal Shah at General Mathenge Drive, Rift Valley Academy Laundry & Kitchen at Kijabe, Missionary Bennedictine Sisters Clinic & Multipurpose Hall at Ruaraka, Samar Heights Apartments at Lower Kabete Road, House for Ms R.S. Chadha in Muthaiga ,Proposed Coastal Bottlers Plant in Mtwapa, Eden Square Building roof structure design on Chiromo road, Structural assessment of roof slabs for installation of masts for Celtel Kenya Ltd in Karatina, Eastleigh and Kenyata National Hospital.

Nov. 2004 to Feb. 2005

RK BOGA CONSULTING ENGINEERS

Position

Assistant Civil & Structural Engineer

Projects undertaken

My duties involved design, preparation of layouts and detailing using AutoCAD 2000. The projects I was involved in include, Landmark Plaza, Kampala Serena Hotel, Aga Khan University Library, Smithers house & houses for Kisukari ltd.

July 2003 to Nov. 2004

ASAP CONSULTANTS LTD

Position

Graduate Engineer

Projects undertaken

The projects I was involved in include; Proposed office building on Muthithi Road Westlands (Cidatel Plaza), Structural assessment for vertical extension for Deloitte and Touch office block, Proposed additions and alterations on Plot No.1870/11/32B for Mr Deepak shah, Proposed village market Hotel, Proposed Watamu Time Share Hotel Mombasa, Proposed city centre mall in kisumu, Proposed Hatwara Eco-industrial Park-Kenya Nut Company in Thika.

LANGUAGE PROFICIENCY

	Reading	Write	Speak
English	Excellent	Excellent	Excellent
Swahili	Excellent	Excellent	Excellent

Certification: I, the undersigned, certify that these data correctly describe me, my qualifications and my experience

.....FRANCIS OKUMU OTSIENO
Signature *Name*

22-02-2018
Date

UNIVERSITY OF NAIROBI



This is to certify that
Francis Okumu Otsieno

having satisfied the requirements
for the award of the degree of the

**BACHELOR OF SCIENCE
(IN CIVIL ENGINEERING)**

Second Class Honours (Lower Division)

was admitted to the degree
at a Congregation held at
this University on the

Seventh Day of May in the Year
2004


VICE-CHANCELLOR


DEPUTY VICE-CHANCELLOR (ACADEMIC AFFAIRS)

2024

THE REPUBLIC OF KENYA

The Engineers Registration Board

Certificate of Registration



THIS IS TO
 CERTIFY THAT
Eng Francis O. Otsienyo
 HAS BEEN DULY
 REGISTERED AS AN
 ENGINEER

pursuant to and in accordance with the
 provisions of the Engineers Registration Act
 1989, and that on the

4th May 2011

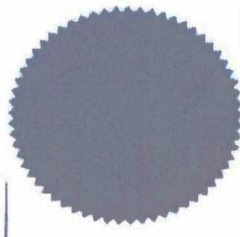
such name was entered in the Register under
 the Serial Number

A 2620

Given under our hands and Common
 Seal of the Registration of Engineers Board,
 at Nairobi this

4th May 2011

CHAIRMAN [Signature]
 ENG. Y. E. S. KANAU
 MEMBER [Signature]
 ENG. PROF. A. V. OJIENO
 MEMBER [Signature]
 ENG. D. S. WAKIAU
 REGISTRAR [Signature]
 ENG. G. N. AMASA





ENGINEERS BOARD OF KENYA

Engineer's Practising Licence

Pursuant to the Engineers Act 2011, I hereby certify that

.....
is duly registered as
in the field of for the period between
.....
Issued this 2nd day of
2nd March 2018 to 31st December 2018 and is licensed to practice as such.

Issued under the Seal of the Board

.....
ENG. N.W. MUSA
Registrar

Serial No. EBK..... 2018/A.2620/0.871



The Institution of Engineers of Kenya

Certificate of Membership

This is to certify that **Francis Okumu Otsieno**
has been elected **Corporate Member No. 3709**
of the Institution of Engineers of Kenya
on the **1st August 2013**

given under our hands and the common seal
of the said Institution on the **8th August 2013**



James
Member

Mick
Chairman

Sunduzali
Secretary