



Dr. Eng. OMONDI Erick Auma

Managing Director/
Principal Partner/ Technical
Manager

Kenyan

• 39 years



Education / Qualification

- Doctor of Philosophy (PhD) focused in Civil Engineering- Water /Environmental Engineering from University of Nairobi
- MBA(University of Suffolk),
- BSc. Hons, Civil Engineering, Jomo Kenyatta University of Agriculture and Technology (JKUAT) Kenya - 2002-2007



Professional membership

- Institution of Engineers of Kenya (IEK Registered Corporate member (M4424)
- Engineers Board of Kenya (EBK) Registered Consulting Engineer (E485)
- Associate member, Chartered Institute of Arbitrators



Languages

- English, Swahili



Professional Experience

Years of experience: 15

Years with the Firm: 6

Countries of experience:

Kenya, South Sudan, Ethiopia

Key experience:

Eng. Omondi has a wide experience spanning from design and supervision of high-rise buildings, middle rise buildings, low rise buildings, bridges and road drainage structures to design and supervision of water structures with a unique experience in small hydro-power projects and EPS structures. He has also managed several projects in the capacity of a project manager and consulting Engineer.



Role and responsibilities

- Geotechnical Investigations and foundations designs,
- Engineering surveys (Topographic, Traverse and Leveling),
- Structural Engineering Analysis,
- Structural Engineering Designs
- Materials Engineering,
- Environmental/ Sanitation Engineering,
- Water structures design and supervision,
- Supervision and Project Management for Several Projects.

Eng. Omondi is currently doubling as Managing Director and Technical Manager at Avatech Consult Ltd

Selected Prior Work References

- 07.2016 – Date: Technical manager at Avatech Consult - Overseeing designs and supervision of building structures, water projects and Environmental Engineering projects including; commercial, residential, institutional, health facility buildings, dams, water supply and environmental safeguards.
- 03.2013 – 07.2016 – Resident Engineer/ Hydropower Engineer - overseeing feasibility studies, engineering designs and supervision of several small hydropower projects engineering in Kenya.
- 04. 2011 – 02. 2013 - Civil/Structural Engineer at NHC- Carried out design and supervision of several housing projects including all associated civil works. Also managed several projects as PM
- 04. 2010 to 04. 2011 – Structural Engineer- Carried out design and supervision of government offices, hospitals and learning institutions projects. Also designed and supervised associated civil works and doubled as projects manager
- 01. 2009 to 04. 2010 –Water & Sanitation Engineer - feasibility studies, engineering designs, tenders documentation and projects management for water and sanitation projects including water pans, small dams, water tanks, rock catchments, shallow wells, boreholes, sand dams and buildings for schools.





Eng. Thadeus Oluoch ONDIEGE

Principal Partner / Senior Highway Engineer

Kenyan

• 40 years



Education / Qualification

- MSc Civil Engineering (Construction Engineering and Management), Jimma University, Ethiopia (ongoing)
- BSc. Hons, Civil Engineering, Jomo Kenyatta University of Agriculture and Technology (JKUAT) Kenya - 2002-2007



Professional membership

- Institution of Engineers of Kenya (IEK Registered Corporate member (M4574))
- Engineers Board of Kenya (EBK) Registered Consulting Engineer (E516)



Languages

- English, Swahili



Professional Experience

Years of experience: 15

Years with the Firm: 6

Countries of experience:

Kenya, Tanzania, South Sudan, Uganda, Guinea, Mozambique

Key experience:

Eng. Ondiege has participated in a number of Roads design and construction supervision projects with specific duties consisting of: Design Project Management, Geometric alignment design; Production of Engineering drawings and schedules; and Preparation of Tender documents. He is proficient with Design software (Micropiste and Autodesk Civil 3D), survey manipulation software (Global Mapper and Map Source) and excellent use of AUTOCAD and Ms-Office Applications. He is well acquainted with both Local and international standards (BS, TRL and AASHTO).



Role and responsibilities

- Road Design Contracts Project Management
- Road Construction Contracts Management under FIDIC conditions
- Coordination of Design Personnel, Design activities and Design project Deliverables
- Setting up and coordinating of the CAD Design project team
- Design and Review of the geometric alignment design using Civil 3D design software
- Preparation of project Drawings, Schedules, and Estimation of quantities accruing from the alignment and profile design.
- Preparation of Design Engineering report and associated Design Deliverables

Selected Prior Work References

- 04.2020 – Date: Resident Engineer Design and Construction of Kipevu Road in Mombasa Under EPC/Turnkey – (Kenya Ports Authority and Trademark East Africa).
- 01.2017 – 04.2020 – Highway Engineer/Deputy Resident Engineer/ Project Manager (Design) Construction of the Second Carriageway of Athi River – Machakos Turn Off Section of Nairobi – Mombasa Road (A8) – (Kenya National Highways Authority)
- 04. 2017 – 06. 2018 - Highway Engineer/ CAD Team leader - Feasibility Study, Environmental and Social Impact Assessment, Engineering Design and Tender Documentation of Malindi – Garsen – Madogo (B8) Road – (Kenya National Highways Authority)
- 06. 2015 to 04. 2017 – Project Manager - Feasibility study, Environmental and Social Impact Assessment, Preparation of Resettlement Action Plan and the Design and Tender Documentation for the Lake Victoria Ring Roads- 450Km – KeNHA
- 01. 2015 to 2017 – Highway Design Engineer - Consultancy services for the feasibility study, environmental and social impact assessment, preliminary engineering design and detailed engineering design for Dualling of Kenol – Sagana - Marua Road (A2 Road: 80KM) – KeNHA





Eng. Josphat K. Mugun

Team Leader/ Senior Highway Engineer

Kenyan

- 37 years



Education / Qualification

- BTech. Hons, Civil and Structural Engineering, Moi University, Kenya - 2003-2008



Professional membership

- Institution of Engineers of Kenya (IEK) Registered Corporate member (M4841)
- Engineers Board of Kenya (EBK) Registered Professional Engineer (A3104)
- Chartered Institute of Arbitrators, Member MCI Arb (37882)



Languages

- English, Swahili



Professional Experience

Years of experience: 14

Years with the Firm: 6

Countries of experience:

Kenya, Tanzania, South Sudan, Uganda, Guinea,

Key experience:

Eng. Mugun is an expert in Highways design and construction supervision stemming from several projects with specific duties encompassing; Highway Engineering Design, Preparation of Engineering Drawings, Specifications, Quantities measurements and takeoff, Tender/Bidding Documents, Project Management, Construction Supervision and Contract Administration (FIDIC).

He is AutoCAD Civil 3D Certified Professional and proficient with other Engineering applications (Autodesk Infracore, Navisworks, microPiste, Global-Mapper, Autodesk Vehicle tracking, Autodesk BIM 360 suite and Ms Project).



Role and responsibilities

- Project Management
- Construction Supervision
- Contract Administration under FIDIC conditions
- Setting up and coordinating of the CAD Design project team
- Highway Engineering Design
- Preparation of project Drawings, Schedules, and Estimation of quantities .
- Preparation of Design Engineering report and associated Design Deliverables

Selected Prior Work References

- 06.2020 – Date: Deputy Resident Engineer/Highway Engineer - Construction of the Second Carriageway of Athi River – Machakos Turn Off Section of Nairobi – Mombasa Road (A8) - Kenya National Highways Authority
- 04.2018 – 05.2020 – Project Manager - Barrier Geothermal Project: Design of the Lopii - Elelea – Kokoit – Barrier Road - BVC Geothermal Exploration Ltd
- 05. 2018 – 05. 2020 - Highway Design Engineer - Design And Build Of Grade Separated Interchange At T-Mall (Junction Of Langata Road And Mbagathi Road) And 5 No. Foot Bridges On Mombasa Road: - Kenya National Highways Authority
- 02. 2018 to 12. 2018 – Highway Design Engineer - The Design Of The Dualling Of Magongo (A109L) Road: Phase II – Kenya National Highways Authority
- 06. 2015 to 08. 2017 – Highway Design Engineer/CAD Team Leader - Feasibility study, Environmental and Social Impact Assessment, Preparation of Resettlement Action Plan and the Design and Tender Documentation for the Lake Victoria Ring Roads- 450Km – Kenya National Highways Authority





Eng. Omolo O. Jafferson

Geotechnical /Materials Engineer

Kenyan

• 37 years



Education / Qualification

- MSc. Civil Engineering (Transportation Engineering), University of Nairobi (Thesis ongoing)
- BSc. Hons, Civil Engineering, Jomo Kenyatta University of Agriculture and Technology (JKUAT) Kenya - 2001-2006



Professional membership

- Institution of Engineers of Kenya (IEK) Registered Corporate member (M5473)
- Engineers Board of Kenya (EBK) Registered Professional Engineer (A3255)



Languages

- English, Swahili



Professional Experience

Years of experience: 14

Years with the Firm: 6

Countries of experience:

Kenya, Tanzania, South Sudan, Uganda, Guinea,

Key experience:

Eng. Omolo is an expert in Pavement, Materials and Traffic Engineering and has participated in several projects (road design and construction supervision) with duties covering; Materials and Pavement Design, Geotechnical studies, Traffic Surveys and Analysis, Road Safety and Preparation of Tender Documents.

He is experienced in the use of mechanistic pavement analysis, design of new pavements and strengthening/overlay designs for existing pavements. He has deep knowledge in roads construction materials design mixes including superpave design and concrete design mix. He has excellent command of Pavement design softwares.



Role and responsibilities

- Design Review of the pavement design
- Quality control/approval of the various work items and construction materials in conformity with the standard/special specifications.
- Coordinating of consultant's field supervision teams (materials, survey, inspectors)
- Laboratory Management and backstopping.
- Preparation of Design report and associated Design Deliverables

Selected Prior Work References

- August, 2020 – Date: Materials Engineer/Project Manager - Consultancy Services for the Preliminary and Detailed Engineering Design, Environmental and Social Impact Study and Tender Documentation of Nairobi Eastern Interchanges
- July, 2018 – June, 2020 – Materials Engineer/ Project Manager - Consultancy Services for the Feasibility Study, Preliminary and Detailed Engineering Design of Maralal – Baragoi A4 road - Kenya National Highways Authority
- Jan. 2018 to April 2020 – Traffic/Safety Engineer - Consultancy Services for the Construction Supervision of Multinational Kitale – Endeless – Suam B4 road – KeNHA
- April, 2017 to April 2018 – Materials Engineer - Feasibility Study, Preliminary and Detailed Engineering Design of Kisii Town Bypass Roads. – Kenya Urban Roads Authority.
- April, 2017 – 0Nov., 2019 - Materials Engineer - Feasibility Study and Preliminary Design of Kisumu Town Roads - Kenya Urban Roads Authority.





Arnold Aluda Kegode

Assistant Civil/Structural Engineer

Kenyan

- 24 years



Education / Qualification

- BEng. Hons, Civil and Structural Engineering, Moi University, Kenya



Professional membership

- Graduate Engineer with Engineers Board of Kenya
- Graduate member of Institution of Engineers of Kenya



Languages

- English, Swahili



Professional Experience

Years of experience: 2

Years with the Firm: 1

Countries of experience:

Kenya,

Key experience:

Kegode is a graduate Engineer in a Civil and Structural Engineering with experience spanning from design, construction, supervision and project management. He has been fully involved in projects including high-rise, mid-rise and low-rise structures, civil works, water retaining structures, and environmental/sanitation engineering projects, in the capacity of a graduate Engineer. He also possesses unique experience in the use of EPS technology in the construction industry



Role and responsibilities

- Geotechnical Investigations and foundations designs,
- Engineering surveys (Topographic, Traverse and Leveling),
- Structural Engineering Analysis,
- Structural Engineering Designs,
- Materials Engineering,
- Environmental/ Sanitation Engineering,
- Water structures design and supervision,
- Supervision and Project Management for Several Projects.

Selected Prior Work References

- August, 2021 – Date: Project Engineer (Proposed LOT III-Tana Corporate Archive and Research & Development lab)-Consultancy services including Geotechnical investigation, detailed Analysis and Design of structural, civil and environmental/sanitation works, and supervision of construction works.
- January, 2021 – Date: Project Engineer (Proposed Le Casa Apartments at Ndumberi/Riabai/7406)-Consultancy services including Geotechnical investigation, detailed Analysis and Design of structural works, civil and environmental/sanitation works, and supervision of construction works, adopting EPS technology.
- January, 2020–July 2020: Site Engineer (Restoration of the John N. Michuki Conservation Park)- Construction of gabions along the Nairobi River banks for stabilization, construction of paving areas and drainages, and landscaping works.
- April, 2019-August, 2019: Site Engineer (Proposed Chaka Market)-Engaged in preparation of shop drawings, fabrication and erection of steel structures in the aforementioned project.





Esther N. Gakuru

CAD Technician

Kenyan

• 38 years



Education / Qualification

- Dip., Civil Engineering, Technical University of Kenya



Professional membership



Languages

- English, Swahili



Professional Experience

Years of experience: 9

Years with the Firm: 6

Countries of experience:

Kenya

Key experience:

Esther has a Civil Engineering background with a Diploma in Civil Engineering from Technical University of Kenya (TUK). Esther has over 9 years' experience as a CAD Technician. Her experience Spans from Analysis and design of all types of building, Detailing of Structural Engineering drawings including EPS and supervision of various projects.



Role and responsibilities

- Structural engineering design.
- Structural and Civil works detailing.
- Construction Supervision.
- Quality control/approval of the various work items and construction materials in conformity with the standard/special specifications.
- Preparation of Design report and associated Design deliverables.

Selected Prior Work References

- August, 2021 – Date: CAD Technician(Proposed LOT III-Tana Corporate Archive and Research & Development lab)-Preparation of civil and structural drawings, schedules, and supervision of construction works.
- January, 2021 – Date: CAD Technician (Proposed Le Casa Apartments at Ndumberi/Riabai/7406)–Preparation of civil and structural drawings, schedules, and supervision of construction works, using EPS Technology.
- June, 2016-January 2022 – CAD Technician (Proposed NHC MUD, Kibera & Langata)- Preparation of civil and structural drawings, schedules, and supervision of construction works, adopting EPS Technology.
- June,2016-September 2020 – CAD Technician (Taidy's investment Limited)–Preparation of civil and structural drawings, schedules, and supervision of construction works, using EPS Technology.