



GEOMAX CONSULTING ENGINEERS LTD.

COMPANY PROFILE

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COMPANY OVERVIEW

GEOMAX WAS ESTABLISHED IN 1987 AND IS A LEADING ENGINEERING CONSULTANCY FIRM IN EAST AND CENTRAL AFRICA WITH A WIDE RESPECTABLE CLIENTELE BASE AMONG THEM:



BANKS

- ❑ Barclays Bank of Kenya - Headquarters, Westend and various branches,
- ❑ Equity Bank of Kenya – Headquarters and various branches,
- ❑ Kenya Commercial Bank,
- ❑ NIC Bank,
- ❑ Banque de Kigali,
- ❑ National Bank of Kenya etc



CORPORATES

- ❑ Safaricom,
- ❑ De La Rue,
- ❑ Kenya Airways,
- ❑ European Union,
- ❑ The National Museums of Kenya,
- ❑ Kenya Ports Authority.
- ❑ The United Nations Office at Nairobi (UNON)



INSTITUTIONS

- ❑ Seventh Day Adventist Church,
- ❑ School of Monetary Studies,
- ❑ United States International University



HOSPITALS

- ❑ The Nairobi Hospital,
- ❑ Aga Khan Hospital Nairobi,
- ❑ Aga Khan Hospital Kisumu,
- ❑ M.P Shah Hospital,
- ❑ Gertrude's Garden Children's Hospital.

COMPANY OVERVIEW CONT...



UNITED NATIONS OF NAIROBI
(UNON)



INDUSTRIES

- ❑ De La Rue Currency Printing Plant
- ❑ E.A. Cables Ltd.
- ❑ Haco Industries,
- ❑ Proctor & Allan Factory,
- ❑ Bata Shoe Factory
- ❑ CCBA among others



HOTELS

- ❑ Indian Ocean Beach Club
- ❑ Mpata Club(Maasai Mara)
- ❑ Treetops Lodge-Aberdare Safari Hotels
- ❑ Muthaiga Golf Club
- ❑ Java Restaurants, etc.

ABOUT US



OUR MISSION

To Provide & Promote Quality and Innovative Engineering Services and Solutions



VISION

To become a Leader in Quality and Innovative Engineering Services



CORE VALUES

Quality.
Integrity.
Passion.
Team work.
Respect.
Urgency

**THIS
IS WHAT
WE DO**

OUR SCOPE

- ELECTRICAL SERVICES
- MECHANICAL SERVICES
- SECURITY SYSTEMS
- ICT SERVICES

ELECTRICAL SERVICES

- H.V., M.V. & L.V. Power Supply
- Electrical Sub-Stations
- Power Generating Plant Installation
- Electrical Power Transmission and Distribution
- Electrical Lighting and Power Installation
- Security & Street Lighting
- Lifts, Hoists and Escalators
- Lightning Protection
- Fire Detection and Alarm & Voice Evacuation Systems
- Uninterruptible Power Supply Installations
- Patient management /Nurse Call Installations
- IT Medical Wiring Installations



MECHANICAL SERVICES

- Boiler Plants and Auxiliaries.
- Steam Services Condensate Return Systems.
- Steam Services Condensate.
- Cooling Water Systems.
- Food Preparation, Cooking and Conveying.
- Calorifier Plants.
- Hot and Cold Water Services.
- Medical Gases Services.
- Fire Protection Services.
- Air Compressors and Compressed Air Services.
- Air Conditioning and Mechanical Ventilation Systems.
- Medical Vacuum Systems.
- Refrigeration Installation and Cold Stores.
- Acoustics.
- Refuse Collection and/or Disposal.
- Thermal Preparation.
- Mechanical Vibrations and Isolation.



SECURITY SYSTEMS

- CCTV surveillance systems
- Intrusion alarms systems
- Access Control systems
- Pedestrian barriers systems
- Vehicular barriers systems
- Electric fence/Razor wire
- Hotel visitor management systems



ICT SERVICES

- Structured Cabling
- Backbone Cabling
- Building Management Systems & Home automation
- Clock Installation, Public Address, Personal Location and Call System.
- Radio and IPTV/MATV System Installation



OUR RESOURCES:

GCE conducts her businesses from owned-occupied premises located in Karen, Nairobi.

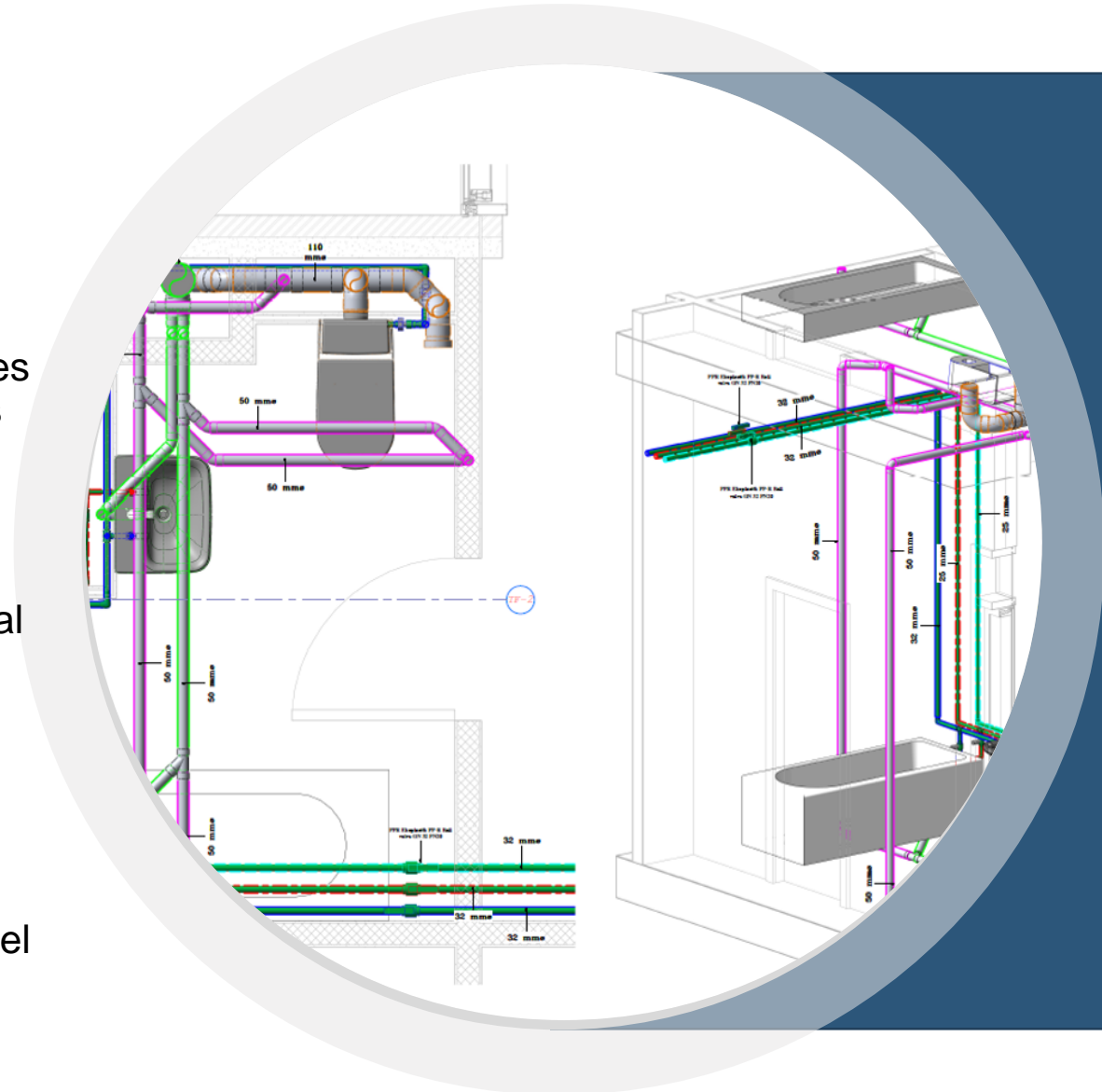
The premises is shared with the sister company, Geomax Renewable Energy company(GREC).

Designs, production of drawings and Bills of Quantities are undertaken on the latest CAD software packages including; REVIT, AutoCAD MEP, BIM collaboration etc.

Projects designed on REVIT include:

- East African Kidney Institute Kenyatta National Hospital (EAKIP)
- Palm Exotjca, Watamu
- The Aga Khan Hospital, Kisumu
- MP Shah Hospital

- We are also equipped with the latest software for document presentations including Office 365, Pastel etc.





IDEAS FOR LIFE

IDEAS FOR LIFE

Emphasis on training is a company key policy. We are committed to training programmes for both our employees and students on internships. In-house training programmes are also undertaken and encouraged at all levels.

The team is actively involved in the Continuous Professional Development (CPD) programmes offered by authorized agents recognized by Engineers Board of Kenya (EBK).

Over the years, several of our employees have advanced from technician to engineers level through sandwich day release courses at local Kenyan colleges through our sponsorship.

We encourage attendance of seminars, short-

ONGOING PROJECTS – FIT-OUTS:



SAFARICOM CAFETERIAS

Establishment of various cafeteria projects for Safaricom including Jambo Call Center Mlolongo, Safaricom Care Center Waiyaki Way and Headquarters 2 Cafeterias.



SAFARICOM CUSTOMER CARE AND RETAIL OUTLETS

These include the Safaricom roll-out of customer care and retail shops at various outlets across the country.



FIT-OUT & REFURBISHMENT FOR EQUITY BANK BRANCHES

The project comprises of refurbishments and fit-outs to various Equity Branches and offices across the country among them;

Kaloboyei, BCP Msa Road, Mama Ngina, Emali, Laare, Kilimani, Kagwe, Sotik, Isebania, Enterprise, Rumuruti, Nyeri, Biashara Street etc.

COMPLETED PROJECTS – FIT-OUTS:



BARCLAYS BANK

Some of the projects undertaken include; Barclays Bank of Kenya – Headquarters and various branches in Kiambu, Ngong, Maragua, Limuru, Kisii, Webuye, Hurlingum, Bishop's Gate among many others.



STANDARD CHARTERED

The project comprises of refurbishments in various SCB branches including Koinange Street, Moi Avenue, Muthaiga Branch, Sameer Business Park, Treasury Square and the Chiromo Head Office.

ONGOING PROJECTS – HOSPITALS:



M. P. SHAH HOSPITAL

There has been a number of projects undertaken over the last 6 years among them, the following:

Cancer Care Centre, ICU Block, Paediatric centre, Oncology Centre, HDU and Executive offices, Doctor Plaza Extension, Laboratory and Laundry Extensions and Mortuary and Changing Rooms etc.



AGA KHAN HOSPITAL

Some of the projects include;

Heart & Cancer Centre, Aga Khan Kisumu, Aga Khan Plant Integration etc.



THE NAIROBI HOSPITAL

The project comprises of Rehabilitation and upgrading of;

Critical Care Unit/ICU

Maternity and NICU

Laboratory

Radiology and Dental departments.

Out patients Centres' and Construction of new one's

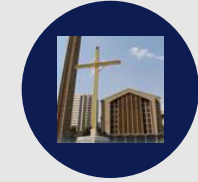
ONGOING PROJECTS - MIXED USE DEVELOPMENTS:



PROPOSED MIXED USE DEVELOPMENT IN WATAMU:

The project comprises of a mixed use development which entails a 56 storey tower block with the following sections: Commercial floors, Five star hotel floors, Residential/Apartment floors, Ancillary buildings. Basements and a Skyway.

The development includes plant rooms, staff quarters, health club facilities, bars and restaurants. The complex sits on approximately 4.5 acres of land in Watamu. The construction cost of the project is approximately, Kshs. 28 Billion. The project is currently at design stage.



PROPOSED BASILICA PARKING SILO, NAIROBI:

The project comprises the development of a Underground Car Parp for the Catholic Church - Archdiocese of Nairobi.

The development includes 4 no. basements, ground floor with modern parking management system, modern-enhanced air management system, electric car charging system, etc.

ONGOING PROJECTS – FACTORIES:



PROPOSED SURFACE MOUNT TECHNOLOGY (SMT) BUILDING AT DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY, NYERI:

The project entails construction of computer/tablets motherboard assembly line at Dedan Kimathi University.

The construction cost of the project is approximately, Kshs. 700 Million and is currently at Tender stage.



PROPOSED CENTURY BOTTLING PLANT (CBC) 24000BPH WATER LINE, NAMAVE UGANDA:

The project comprises of construction of a new mineral water packaging line in Namave, Uganda. The project is currently on site and is approximately Kshs. 3 Billion.

HIGHLIGHTS OF PROJECTS UNDERTAKEN

Listed in the following pages are a **selection** of projects which indicate the Company's consulting engineering experience and competence. The projects include those currently under construction or design.



PROJECT LIST: HOSPITALS

PROJECT	DESCRIPTION	CLIENT	ARCHITECT	YEAR COMPLETED	VALUE IN US \$
The Nairobi Hospital Master Plan	Proposed Clinic core, ICU & HDU refurbishment, Power centre, ICT, Central Core Physio therapy block, Finger switchgear and Maternity	The Nairobi Hospital	Karago & Associates	On-going	4.0 M
MP Shah Hospital	Proposed ICU, Catering Blocks, CT Scan, Kantaria Scan, Car Park, Physio-Therapy, Service reticulation, HDU & Executive office, Non-veg rooms and mortuary	MP Shah Hospital	Chani Lall Partnership Architects	On-going	6.0 M
Kanubhai Babla Lions Eye Bank.	Lions Sight First Eye Medical Centre on Kaptagat Road, Loresho.	Dr. S. P. Amin	Chani Lall Partnership	On-going	
East Africa Kidney Institute, Project – Kenya National Hospital	Development of East Africa Centre for excellent at Kenya National Hospital.	Ministry of Health	Politecnica Consortium	On-going	3.1 M
Aga Khan Hospital, Kisumu	Proposed Ultra Modern Hospital, Kisumu comprising of 4no. Operation theatres, wards, paediatric centre etc.	The Aga Khan Foundation	Studio TAMassociati & Chani Lall Partnership	On-going	1.2 M
Gertrude's Garden Children's Hospital.	Extensions and renovations to Gertrude's Garden Children's Hospital including establishment of ICU, New Wards and Administration offices.	Gertrude's Garden Children's Hospital	James Pye Architects	2013	4.0 M
Nairobi Hospital at Warwick Centre	Proposed Clinic for Nairobi Hospital at Warwick Centre, Gigiri.	The Nairobi Hospital	Karago & Associates	2011	1.78 M
Nairobi Hospital at the Galleria Mall	Proposed Clinic for Nairobi Hospital at Galleria Mall, Langata.	The Nairobi Hospital	Karago & Associates	2011	1.8 M
Aga Khan Hospital, Nairobi.	Development of the Proposed Aga Khan Hospital Phase 2A comprising of Open Heart Surgery Theatres, Catheterization Laboratories, MRI, CT Scan etc.	The Aga Khan Foundation	FNDA Architects	2012	9.2 M
Karen Hospital	A multi-storey complex comprising of Operating Theatres, CT-Scan, X-ray Department, Catheterization Laboratory and Consultation Clinics.	The Nairobi Heart & General Hospital.	S. K. Archplans		

PROJECT LIST: FACTORIES & INDUSTRIES

PROJECT	DESCRIPTION	CLIENT	ARCHITECT	YEAR COMPLETED	VALUE IN US \$
Proctor & Alan	Relocation of Proctor & Alan	Proctor & Allan EA Ltd.	Triad Architects	2015	5.0 M
E.A. Portland Cement Factory	Project Management Services & implementation of the proposed supply & construction supply & construction of a new 80TPH New Cement Mill Facility.	E.A Portland Cement	Pinnacle Projects Ltd.	2009	10.9 M
Proposed Modernisation of Port Power Supply & Distribution Network	Major rehabilitation exercise of Kenya Ports Authority involving L.V. switchgears, SCADA System etc.	Kenya Ports Authority	Charchi Githinji & Partners	2008	8.6 M
E.A Cables Factory on Addis Ababa Road, Nairobi.	A modern power and communications cable manufacturing complex comprising of factory, factory offices. Headquarters office block, raw materials and finished goods stores.	E.A Cables Factory	Karago & Associates	2007	7 M
Thomas De La Rue Kenya Limited.	Construction of a security documents printing plant at Ruaraka, Nairobi.	Thomas De La Rue, London, U.K.	Triad Architects	1993	13.0 M
Bata Shoe Factory, Limuru.	Rehabilitation of Bata Shoe Factory after being gutted down by fire.	Bata	Symbion International	1992	9.7 M
Haco Industries, Ruaraka.	Construction of a stationery manufacturing plant at Kasarani, Nairobi.	Haco Industries	Triad Architects	1992	1 M
Shell Developments (K) Ltd.	Development of a factory for production of packaging polystyrene boxes. (Work undertaken up to design stage).	Shell Developments (K) Ltd.	Beglin Woods Architects	1992	3.5 M

PROJECT LIST: OFFICE BLOCKS

PROJECT	DESCRIPTION	CLIENT	ARCHITECT	YEAR COMPLETED	VALUE IN US \$
Adlife Plaza	Construction of 6No. Floors Office Space, Sub-Basement, a basement for car-parking and Equipment room.	Adlife Plaza	Triad Architects	2015	
Cardinal Otunga Plaza Annex	Construction of Parish Offices at the Holy Family Basilica	Catholic Archdiocese of Nairobi & Holy Family Minor Basilica	Trioscape Space Planning Ltd.	2014	1.5 M
African Population & Health Research Centre	Construction and Fit-out of an Office Block in Kitisuru for APHRC.	APHRC	Heritage Architects	2011	3.9 M
UNON Office Block, Gigiri	Construction of an office block in Gigiri for United Nations Office, Nairobi.	United Nations	Beglin Woods Architects	2010	18.3 M
Sameer Business Park	Construction of a Business Park on Mombasa Road, Nairobi.	Sameer Investments Ltd.	Nishi Sharma Architects	2010	19.5 M
Mayfair Centre	Development of Mayfair Centre in Upper Hill for Ralphe Bunche Suites Ltd.	Ralphe Bunche Suites Ltd.	Aaki Consultants	2010	3.8 M
African Wildlife Foundation Headquarters	Construction of a new Headquarters for African Wildlife Foundation in Karen.	African Wildlife Foundation	Beglin Woods Architects	2010	1.5 M
Insurance Plaza, Kigali	Construction of a 17 storey office block.	Social Security Fund of Rwanda	Triad Architects	2010	191 M
Banque National du Rwanda	Fit-out and refurbishment of the National Bank of Rwanda in Kigali.	Banque National du Rwanda.	Dimensions Architects	2008	2.4 M
UAP Headquarters	A modern multi-storey office block fully IT wired.	UAP Provincial Insurance Co.	Symbion Architects	2008	7.4 M
Banque De Kigali	A multi-storey office block in the Central Business District of Kigali, Rwanda.	Banque de Kigali	Triad Architects	2007	2.25 M
National Museums of Kenya	Extensive rehabilitation, extensions and modernisation to the Croyden National Museums of Kenya, a project funded by the European Union.	National Museums of Kenya.	Triad Architects	2007	3 M

PROJECT LIST: HOTELS

PROJECT	DESCRIPTION	CLIENT	ARCHITECT	YEAR COMPLETED	VALUE IN US \$
Proposed Mixed Use Development in Watamu	A 56 storey tower comprising of Commercial floors, Five star hotel floors, Residential/Apartment floors, and Supporting buildings/facilities, Beach station and Skyway.	Palm Exotjca	Meta Arch	On-going	
Treetops Hotel in Nyeri for Aberdare Safari Hotels.	Full refurbishment and renovation of existing prestigious 5-star game observation lodge set in Aberdare game reserve.	Aberdare Safari Hotels	Karago & Associates	2012	
Outspan Hotel for Aberdare Safari Hotels.	The development of a Master Plan and phased execution of prestigious country hotel located in Nyeri.	Aberdare Safari Hotels	Karago & Associates	2011	
Java Restaurants at Uniafric House & Yaya Centre	New Coffee Shops for Nairobi Java at Uniafrica House & Yaya Centre	Nairobi Java House	Planning Interiors Ltd.	2008	
Courtesy of Choice Programme for BAT	A provision of hospitality services to both smoking and non-smoking Clientele for hotels and restaurants.	BAT Kenya	-	2000	
Mpata Club - Masai Mara	An exclusive 60 room club finished in existing oriental decor in the heart of the Maasai Mara Game Reserve.	Mpata Investments	Triad Architects	1992	2.3 M
Indian Ocean Beach Club	An exclusive Kenya Coastal Resort with 100 Deluxe Club Rooms and back up facilities.	Jacaranda Hotel	Dalgliesh Marshall Johnson/Mrutu Salmann & Associates	1992	9.7 M
Severin Sea Lodge	Alterations & Extensions to Guest Rooms, Kitchen and Conference Hall.	Severin Sea Lodge Hotel	Triad Architects	1989	1.7 M
Extension to Mombasa Beach Hotel	Construction of 2 Meeting Rooms and design of the proposed future 32 Rooms.	African Tours & Hotels	Triad Architects	1989	0.3 M
Piccolo Beach Hotel	Rehabilitation of the Piccolo Beach Hotel to a 4-star establishment.		Triad Architects	1989	

PROJECT LIST: RESIDENTIAL BUILDINGS

PROJECT	DESCRIPTION	CLIENT	ARCHITECT	YEAR COMPLETED	VALUE IN US \$
Taraji Heights	Development of 254 No. Modern Residential Houses	Cytonn Investments Partners LLP	Tectura International Ltd	On-going	14.0 M
Housing Scheme at Kajiado/Kitengela	Development of 101 No. Modern Residential Houses	Kenya Pipeline Co. RBS	Cadplan Architects Ltd	On-going	10.0 M
Housing Scheme on Plot No. MN/111/9577	Development of 160 No. Modern Residential Houses.	Kenya Medical Association Housing Cooperative Society Ltd.	Tej Architects	2016	9.0 M
Housing Scheme at Loresho for KPLC-RBS	Development of 161 No. Modern Residential Houses.	KPLC – RBS	Mutiso Menezes International	2014	22.0 M
Leleshwa Gardens	Development of 20 No. Modern Residential Houses.	Leleshwa Development Co. Ltd.	Triad Architect	2013	2.3 M
EpcO KQ Housing Project	Development of 312 No. Modern Residential Houses.	Kenya Airways Staff Housing	Tej Architects	2013	9.0 M
Gables Park Development	Development of 76 No. Modern Residential Houses.	Gables Park	Nzambu Mwendwa & Associates	2013	4.0 M
Staff Houses at Tana Power Station	Development of 7 No. Modern Residential Houses.	Kenya Electricity Generating Company Ltd. (Kengen)	Triad Architect	2011	1.35 M
Muringa Place	Development of 20 No. Modern Residential Houses.	Mechelec Holdings	Triad Architect	2010	1.01 M
Windsor Housing	Development of 37 No. Modern Residential Houses	Mika Holdings Ltd.	Peter Thomas Architects	2010	5.0 M

PROJECT LIST: INSTITUTIONS

PROJECT	DESCRIPTION	CLIENT	ARCHITECT	YEAR COMPLETED	VALUE IN US \$
The Kenya High School	Construction of new modern dining hall & associated facilities	The Kenya High School	Axis Architect	On-going	2.5 M
Precious Blood - Riruta	Construction of extensions and alternations of infirmary for the missionary sisters	Precious Blood - Riruta	Trioscape Space Planning Ltd.	On-going	0.4 M
Kenya Institute of Business Training.	Construction of a Training Institute for the Kenya Institute of Business Training under the Ministry of Trades in Parklands.	Kenya Institute of Business Training	Studio Partners	On-going	7.9 M
Queens of Apostles	Clergy home on L.R. No. 9612, Kasarani	Queens of Apostles	Trioscape Space Planning Ltd.	2016	3.0 M
Library Complex for Catholic University of Eastern Africa	Construction of a Learning Resource Centre at the existing Campus for Catholic University, Lang'ata.	Catholic University	Musau Kimeu Architects	2011	9.7 M
CUEA – Upper School	Construction of Classrooms at the Upper Campus for CUEA.	Catholic University of Eastern Africa.	Musau Kimeu Architects	2010	2.4 M
USIU ICT Centre	Construction of an ICT Centre which included ICT Classrooms, TV & Radio Studio.	United States International University	Beglin Woods Architects	2008	1.4 M
USIU Business School	Construction of a modern training and business facility comprising of Lecture Theatres, Lecturers' offices, a Central Server and Communications room.	United States International University	Beglin Woods Architects	2005	3.6 M
K.A.R.I. Naivasha	Construction of offices & laboratories for Animal Husbandry Research Centre, funded by World Bank.	K. A. R. I.	Emms Architects	2004	2.6 M
Alterations & Extensions to KPLC Ruaraka Complex	Repartitioning to Human Resources Offices and Washing Bay at the KPLC Ruaraka Complex [on-going]	KPLC	Karago & Associates	2004	

TEAM:



GEORGE M. NJOROGE

MD, CO-FOUNDER & CHIEF ELECTRICAL ENGINEER

Chartered Electrical Engineer and Member of the Engineering Council of the United Kingdom (Eng.), Registered Engineer (R. Eng.) Kenya, Registered Engineer (R.Eng.) Tanzania and Member of The Institution of Engineering and Technology of the United Kingdom.

He oversees all the Engineering and Administrative aspects in the firm.



WECHÉ RAPHAEL OKUBO

MECHANICAL ENGINEERING CONSULTANT

Raphael offers Engineering Consultancy services to the Mechanical Department at Geomax Consulting Engineers Ltd. A renowned Mechanical Engineer trained Locally in Kenya and in the United Kingdom. He is registered with the Engineers Board of Kenya and is a Chartered Engineer with the British Engineering Council.

He has extensive experience as a Consultant in Engineering Building Services having served in the Private Sector and the Public Sector as the Chief Engineer Electrical & Mechanical Engineering Building Services Ministry of Public Works Kenya.



JOHN N. MUTHARIA

ELECTRICAL & ICT ENGINEERING SERVICES

John has been with the firm for 12 years now.

He has been involved in various projects, including: De La Rue Vault Extensions, Proposed Century Bottling plant in Namave, Uganda, United Nations Office in Nairobi, Barclays Bank of Kenya, among others.



JAMES WAWERU

MECHANICAL ENGINEERING SERVICES

James has been with the firm for 3 years now.

He has been involved in various projects, including: MP Shah Hospital, Safaricom SCC Cafeteria Renovations, Safaricom Control Rooms Phase II, Mary Help Thika, World Vision International Fit out, Lions Eye Projects, among others.

TEAM: CONT'



SAMMY KAMAU

MECHANICAL ENGINEERING SERVICES

Sammy has been with the firm for 3 years now.

He has been involved in various projects, including: Taraji Heights. De La Rue Vault Extensions, Safaricom Rollout Shops, Kenya High School Project, Equity Banks, among others.



ELIJAH MAINGI

ELECTRICAL ENGINEERING SERVICES

Elijah has been with the firm for 3 years now.

Elijah has been a member of Energy Petroleum Regulation Authority (EPRA), Renewable power sources having undertaken audit in various projects include Standard chartered Bank, Barclays Bank of Kenya etc.

He has also been involved in various projects, including: Adlife Plaza, Afircare, Nairobi Hospital Projects, Stanchart Bank, among others.



WILLIAM MBURU

ELECTRICAL ENGINEERING SERVICES

William has been with the firm for 8 years now.

He has been involved in various projects, including: MP-Shah Hospital, Lions Eye Projects, Aga Khan Hospital, Gertrude's Garden Children's Hospital, Taraji heights, among others.

OUR CLIENTS:



THE NAIROBI HOSPITAL



East African Cables
Connecting lives



KENYA HIGH SCHOOL



KENYA
WILDLIFE
SERVICE



Delivering to promise



Better. Simple. Life.





THANK YOU



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