



GEM ENGINEERING CO. LTD.
Engineers, Planners and Consultants

COMPANY PROFILE

2015

Mechanical & Electrical Engineers



Find us at:

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1.0 INTRODUCTION

To deliver a working project design to suit the various surrounding guidelines (financial, site conditions, durability, practicality etc.) may often be overlooked at the initial stages of the entire exercise. Notwithstanding the marketing aspect, which is very pivotal to any business, the Engineer is tasked to convert the needs of the respective Client to a product that works well – a symbol does the marketing within it.

At GEM Engineering Co Ltd, the efforts at satisfying the Client originate from a collective package comprising vast technical know-how, experience, strict adherence to various statutory and other regulations and standards for the safety of life and property and the assurance of quality.

2.0 BACKGROUND

M/s GEM Engineering Co Ltd is located at Nakasero Hill Road Plot 2D\E and was registered as a Limited company on 18th January, 2007. The Company prides itself of having totally committed personnel that comprise of 7 Engineers and support staff.

The Company computerizes all its work load using the latest software packages like AUTOCAD (computer aided design of services) and has plotting facilities. This emphasizes quality and on-time delivery of project documentation.

2.1 Our Mission

To provide engineering consultancy services reliably, efficiently and effectively with professionalism.

2.2 Our Vision

To become the preferred Engineering Consultancy firm internationally.

2.3 Our Values

These include, but are not limited to, the following:

- Integrity
- Customer Satisfaction
- Mutual Respect
- Innovation and Creativity
- Teamwork

3.0 CONDITIONS OF ENGAGEMENT

GEM Engineering Co. Ltd is guided and strictly adheres to the Conditions of Engagement as laid out by The Uganda Institution of Professional Engineers: “Conditions of Engagement and Scale of Fees of Consulting Engineers” April 1989. The Conditions of Engagement as published by the “Association of Consulting Engineers” (U.K) are also adhered to as the need rises and the Uganda Institution of Professional Engineers Code of Ethics.

4.0 SCOPE OF SERVICES

The scope of services entails a wide variety of Mechanical, Water Supply, Electrical Engineering Services and Project Management in a variety of sectors e.g. Public facilities, Public Institutions, Residential, Commercial Buildings, Financial Institutions, Educational Facilities, Hotels, Hospitals, Industrial complexes, etc.

4.1 The Mechanical Services include:

- Sanitation and Water Supply Services
- Water Storage Designs
- Water Harvesting
- Air Compressors and Compressed Air Services
- Air Conditioning and Mechanical Ventilation Services
- Plumbing
- Boiler Plants and Auxiliaries
- Cold Rooms
- Solar Water Heating
- Fire Fighting Systems
- Swimming Pools Designs and Systems
- Fountains and Water Falls
- Lifts and Motor Drives

4.2 The Electrical Services include:

- Electrical Lighting and Power installation
- Consumer Substations
- Underground and Overhead Electrical Distribution Services
- Factory inspection for Safety and Adherence to Design Parameter
- Fire Detection and Alarm Systems
- Emergency Lighting
- Lightning Protection Services
- Street Lighting
- Information and Communication Technology Systems
- Earthing Systems and Protection
- Rural Electrification
- Renewable Energies (solar etc)
- Public Address Systems
- Closed Circuit Surveillance and Access Control Systems
- Intrusion Detection and Security Alarm Systems

5.0 PERSONNEL INVOLVED

The key personnel involved in running the company to-day activities are the following:

- Eng. Richard Drakuma, B.Sc. (ME), MUIPE, R.Eng.: No.609
Managing Director / Senior Mechanical Engineer & Quality Assurance
- Eng. Malaba Philip, B.Sc. (EE), MUIPE, R.Eng. No.: ERB No.663
Director / Senior Electrical Engineer / Quality Assurance

- Eng. Musooka George, B.Sc. (ME), MUIPE, R.Eng. No.: ERB No.762
Mechanical Engineer
- Mr. Nelson Mukwaya, B.Sc. (EE), Msc. Renewable Energy, MUIPE
Electrical Engineer
- Mr. Mathias Ssemaganda, B.Sc. (EE), PGDip. Project Planning & Mgt, MUIPE
Electrical Engineer
- Mr. Paul Onen, B.sc (CIV), GMUIPE
Civil Engineer
- Mr. Moses Nuwaha, B.Sc. (ME), GMUIPE
Mechanical Engineer
- Mr. Akram Lule, B.Sc. (EE), GMUIPE
Electrical Engineer
- Mrs. Fiona Drakuma, B.Sc. Building Tech.
Mechanical Engineering Technician
- Ms. Alison Abenabo, B.Eng (CIV), GMUIPE
Asst. Civil & Building Services Engineer
- Ms. Catherine Nuwagaba, BASS, MBA
Administrative Manager
- Ms. Caroline Kaitezi
Office Assistant

6.0 KEY PROJECTS HANDLED / CLIENT REFERENCES

GEM Engineering CO. Ltd has undertaken a number of Projects where it has rendered its consultancy services. Some of these projects include the following:

6.1 Commercial Office Buildings and Larger Complexes

- Proposed JLOS and Criminal Court Building, Naguru, Kampala
- Proposed Kigali Heights, Kimihurura, Kigali, Rwanda
- 10 Storey Course view Office Development on Plot 21 Kitante Road, Kampala
- 4 Storey Warid Telecom Offices & Mobile Switching Centre, Bugolobi
- 5 Storey Office Building, Plot 78 Kiira Road, Kampala
- Ministry of Foreign Affairs, Juba – Sudan
- 8 Storey Building on Plot 1, Lourdel Road
- Seyani Brothers' 8 Storey Commercial Building on Plot 24-25 Martin Rd, Kampala

- Proposed WSDP-E Office Block for Ministry of Water & Environment, Mbale
- Office Development on Plot 2 Upper Kololo Terrace-Kampala
- The Uganda Broadcasting Television Studio Complex
- Church Plaza, Masaka
- KKT Plaza Limited, Plot 16 -22, Duka Road, Arua
- Riley Packaging Factory, Mukono
- Proposed Airport Hanger for Eagle Air (Tender Stage)
- Proposed Security Enhancement to the Presidential Palace- Juba
- Proposed Rehabilitation of Ware Houses in Arua and Hoima for BAT Uganda Ltd.
- Uganda National Development Centre (UNDC) Headquarters, Jinja Uganda.
- IGARA Tea Factory Expansion
- Senana Hyper Shopping Mall, Buganda Road, Kampala
- Airport Hangar at Entebbe Airport
- Warehouse Park on Plot 31 Block 112, Namanve, Mukono

6.2 Housing Estates

- Spring Valley Appartments
- Kiwatule Housing Estates
- Regina Housing Estates
- Bukerere Housing Estates
- Hima Housing Estates
- Mutundwe Housing Estates
- Namungona Phase V Housing Estates

6.3 Health Centres

- Mulago Hospital Rehabilitation and Upgrade
- Nakasero Hospital, Nakasero
- Rehabilitation for the Tuberculosis Ward, Mulago Hospital
- Alsabah Children's Hospital, Juba (Scheme Design)
- Infectious Disease Institute Laboratory, Mulago
- Extension Block for Uganda Blood Transfusion Services, Nakasero
- Performance Assessment Audit for Solar PV modules in selected Health Centers

6.4 Hotels

- City Royal Resort Hotel, Bugolobi
- Protea Hotel, Kololo (Supervision only)
- Hilton Garden Inn Kampala
- Hotel Apartments for Rockshield International, Juba
- Emin Pasha Hotel, Juba
- Lyantonde Hotel

6.5 Financial Institutions

- ECO Bank branches at Bugema University, 3rd Floor main branch, Forest Mall, Rwenzori Towers Kyambogo University, Jinja and Mbarara.
- Kenya Commercial Bank Branches at Kampala Road, Mbarara, and Luwuum Street, 6th Street Industrial Area, Oasis Mall, Forest Mall, Mbale, Hoima, Arua, Arua Park, Lira and Gulu.
- Barclays Bank Branches Retail Expansion Project Countrywide: Premium Branch Kampala, Mbarara, Kamwokya, Nakulabye, Nateete, Entebbe Airport, Abaita Ababiri, Ishaka, Fort Portal, Soroti, Kansanga, Katwe, Lugazi, Kasese, Tororo, Ntinda, Bugolobi, Nkozi, Kalerwe, Kyengera, Kireka, Kawempe, Kitooro, Busia and Mukono etc.
- Commercial Bank of Africa at Twed Towers on Kafu road in Nakasero Kampala
- Fina Bank Branches at Nakivubo Trade Centre, Buganda Road, Owino, Mbarara and Kabale, Masaka, and Kisenyi branches

- United Bank of Africa branches at Kansanga, Ndeeba, Mbarara, Fort Portal, Mukono, and Mbale
- Post Bank Branches in Mubende, Gulu, Lira, Arua, and Fort Portal
- Global Trust Bank Branches in Owino and Nakivubo.
- NC Bank, Rwenzori Towers, Kampala
- NSSF – Prototype Branch Offices
- Workers House, Kampala
- Administrative Office Building and Banking Hall at Plot 11 Acacia Avenue – Finca

6.6 Educational Institutions

- University of East Africa
- National Primary Health Care Training Programme Centres: Ishaka, Kyambogo, Jinja, Rubaga and Mengo.
- Green Hill Academy Expansion Project
- Uganda National Education Support (UNES)-IDB Technical Colleges for the three branches of UTC Elgon-Mbale, UTC-Lira and NTC Unyama-Gulu.
- OPEC Fund for International Development(OFID)
- Civil Service College Jinja, Uganda
- Construction of Central Teaching Facilities for Makerere University, Refurbishment of Old Laboratories and Dairy Value Chain at Kabanyolo
- Nakaseke Technical Institute

6.7 Shopping Malls

- Bugolobi Village Mall
- Acacia Mall, Kisementi Kampala
- Victoria Mall, Entebbe

6.8 Entertainment Facilities

- La Bonita Theater
- Black Diamond Club (Design only)
- Riders Pub – Bugolobi, Kampala (fit out)

6.9 Uganda Revenue Authority’s (URA) Border Posts

- Kobero, Burundi Border Post
- Busia, Malaba Border Post

6.10 Petrol Stations

- City Oils Service Stations at Plot 2B Enterprise Road and Kiira Road, Kampala
- Chevron Oil (U) Ltd Headquarters, Industrial Area (Preparation of As-Built Drawings)

6.11 Religious Institutions

- All Saints Cathedral, Kampala (under construction)
- Rehabilitation Works for Namirembe Cathedral.

6.12 Residential Premises

- Residential House at Plot 11 Hill Lane, Kololo – Kampala, Uganda
- Damani Residence on Plot 1C Prince Charles Drive.
- Residential Building on Plots 11-13, Kawalya Kaggwa close, Kololo

7.0 PICTORIALS FOR SELECTED JOB REFERENCES

7.1 COMMERCIAL OFFICE BUILDINGS



Warid Office, Kampala



Course View Tower, Kampala



Uganda Broadcasting TV Complex, Kampala



Hoid Towers, Kampala



Office Block, Lourdel Road, Kampala



Proposed Office Block on Kira Road



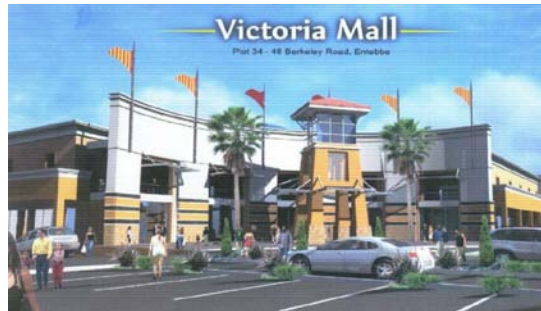
KKT Shopping Complex, Arua



City Oil Petrol Station, Kira Rd, Kampala



Bugolobi Village Mall, Kampala



Victoria Mall, Entebbe



The Acacia Place, Kampala



The Acacia Mall, Kampala



Kigali Heights, Kimihurura, Kigali, Rwanda



Studio House, Bugolobi, Kampala



Proposed JLOS and Criminal Court Building, Naguru, Kampala

7.2 HOUSING ESTATES & APARTMENTS



Bukerere Housing Project - Wakiso



Spring Valley Apartments, Kampala



Sunset Apartments, Kiwatule, Kampala

7.3 HEALTH INSTITUTIONS



Mulago Hospital - Kampala



Nakasero Hospital Kampala



Uganda Blood Transfusion (Blood Bank), Kampala

7.4 HOTELS



Emin Pasha Hotel, Juba



Protea Hotel, Kampala



City Royal Hotel, Bugolobi

7.5 FINANCIAL INSTITUTIONS



KCB Bank, Oasis Mall, Kampala



Barclays Bank, Bugolobi Branch

7.6 RESIDENTIAL APARTMENTS



Residential House at Plot 11 Hill Lane,
Kololo, Kampala



Damani Residence on Plot 1C Prince Charles
Drive Kololo, Kampala

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