



Company Profile



**MI TEK**  
CONSULTING

**Mitek Consulting Ltd.**  
Innovative Engineering Solutions

## INTRODUCTION

*Mitek Consulting Ltd. (Mitek) is a Kampala-based consulting engineering firm providing competitive geotechnical and water engineering solutions, products and construction services for municipal and private industries throughout Uganda.*

Major services include;

- Geotechnical engineering,
- Water and Wastewater engineering,
- Water resources engineering
- Structural Consulting/Design.
- Supply of Engineering Equipment and Construction Materials
- Structural Renovation designs and Refurbishment of Housing facilities.

At Mitek, our mandate is to provide exceptional client experiences, while delivering innovative expert solutions. Concentrating on our clientele's requirements, satisfaction and concerns, allows us to develop customized management and execution plans to suit our clients' individual tastes.

Mitek partners with qualified consultants, sub-contractors, developers, design professionals, government agencies, contractors and government, to ensure excellent and efficient completion of all projects.



## About

Mitek Consulting Ltd. is an employee-owned, professional engineering consulting firm with offices in Kampala, Uganda. Established in 2019, with world-class expertise, commitment to exceptional quality, unrivalled service and a focus on maintaining strong client relationships.

Mitek's core leadership team comprises of two professional engineers with more than 20 years of exceptional engineering experience and two administrative managers with more than 25 years in regulatory, policy and project management.

Mitek's clientele benefits from the flexibility and efficiency of having a complete integral in-house engineering team with diverse experience in the geotechnical, materials, water and wastewater sectors.

The small business approach allows Mitek, to provide contemporary engineering experiences, by offering innovative solutions that effectively suit specified requirements.

## Basic Info

Business Name	<b>Mitek CONSULTING LTD</b>
Company status	<b>LLC</b>
Country of Incorporation	<b>Uganda</b>
Company Address	<b>P.O Box 36801, Off Kanjokya street, Kamwokya, Kampala, Uganda</b>
Banker	<b>ABSA BANK</b>

## Vision and Mission

**Our vision** is to provide expert consulting engineering services and become the engineering firm of choice for all the sectors we serve, across Uganda, by:

- Delivering exceptional geotechnical, water and wastewater engineering services,
- Offering an exemplary client experience,
- Being honest and forthright in all we do,
- Having a work environment in which our employees flourish, and
- Growing our business, in a sustained and profitable manner.

**Our mission** is to ensure client success and satisfaction, by providing excellent innovative engineering services with a high level of integrity.



We | Innovate,  
Excel,  
work with Integrity.

## Core Values

Above all Mitek is committed to personalized client support and its mission to provide quality service through open collaboration and communication, which allow for innovative, practical and cost-effective solutions.

Guided by our core values of Innovation, Excellence and Integrity, at Mitek we are dedicated to client success, committed to providing a work environment with a high level of employee satisfaction and manage our company, to optimize growth and profitability.

## Innovation

We create and deliver. Mitek likes to come up with creative ideas when working on projects. Bring any project to us and we'll do the required research, to find a way in which to get it done.

## Excellence

We aim high, provide superior quality and own it. At Mitek, we are proud of what we accomplish and are enthusiastic about what we do. We are relentlessly driven to produce exceptional service and value in all aspects of our work.

## Integrity

We do the right thing. Mitek holds honesty in the highest regard and ensures complete transparency, in all its dealings. Our employees adhere to the professional code of ethical conduct and our clients are treated as family.

## The Founders

Mitek Consulting Ltd. was founded in 2019, by two families, who felt there was a lack of dedicated expert consulting engineering services, in Uganda, within their respective fields.

Relying on the proficient skills, knowledge and varied experiences of its founders and employees, Mitek collaborates with qualified firms, to deliver proficient and efficient services in geotechnical, water and wastewater engineering, design and renovations.

With half of its founders trained and working in Canada, Mitek has a broader horizon and leverages its North American experience, to provide fresh new perspectives and innovative ideas in delivering solutions.

# Our **CORE** Team

## The Engineering Team

### **Michael Atukunda, R. Eng**

A Geotechnical Professional Engineer (R. Eng) in Kampala, Uganda, Michael received his Geotechnical Engineering degree (M.Sc.) from the University of Hannover, Germany and earned his R. Eng designation from the Engineer's Registration Board of Uganda. (ERB No.941) Michael is also a corporate member of the institution of professional engineers in Uganda, MUIPE. (PE:\1039)

Michael has worked as a consulting and project engineer for over 12 years, specialising in geotechnical engineering, particularly in the aspects of ground investigations, soil and rock mechanics, slope stability design using GeoStudio (Slope/W) software and ground and earthworks modelling using Leapfrog works and Soil works software.

A geotechnical engineer who is willing to offer his engineering services for the purpose of a well-organized built environment with an attention to detail and perfection in solving challenges in the geotechnical engineering discipline defines Michael's abilities. In solving challenges, he is involved in research from time to time at Makerere University where he tutors future geotechnical engineers to innovate solutions to perturbing geotechnical challenges.

### **Ivan Kagoro, P. Eng**

A Professional Engineer (P. Eng) in Edmonton, AB Canada, Ivan received his Civil Engineering degree from the University of British Columbia, BC Canada and earned his P. Eng designation from the Association of Professional Engineers and Geoscientists of Alberta (APEGA), in Canada.

Ivan has worked as a Consulting and Project Engineer for over 10 years, specialising in the design of water and waste water systems, across Alberta, Canada.

A passionate problem solver, who enjoys tackling challenges, Ivan is motivated by the desire to find engineering solutions to everyday problems. His energetic personality, hard work and inquisitive mind have driven him to succeed within his engineering profession, in Canada and earned him the respect of his colleagues.

## The Administration & Management Team

### Maria Nansereko Kagoro

An Executive Assistant, in Edmonton, AB, Canada, Maria received her degree in English and Professional Writing (Institutional Communication) from York University, Toronto, ON Canada.

Her education allowed her to explore different industries working primarily with regulations, policy and project development and management. With more than 12 years in administration, policy and project management, Maria thrives on ensuring that companies succeed in achieving their mandatory objectives.

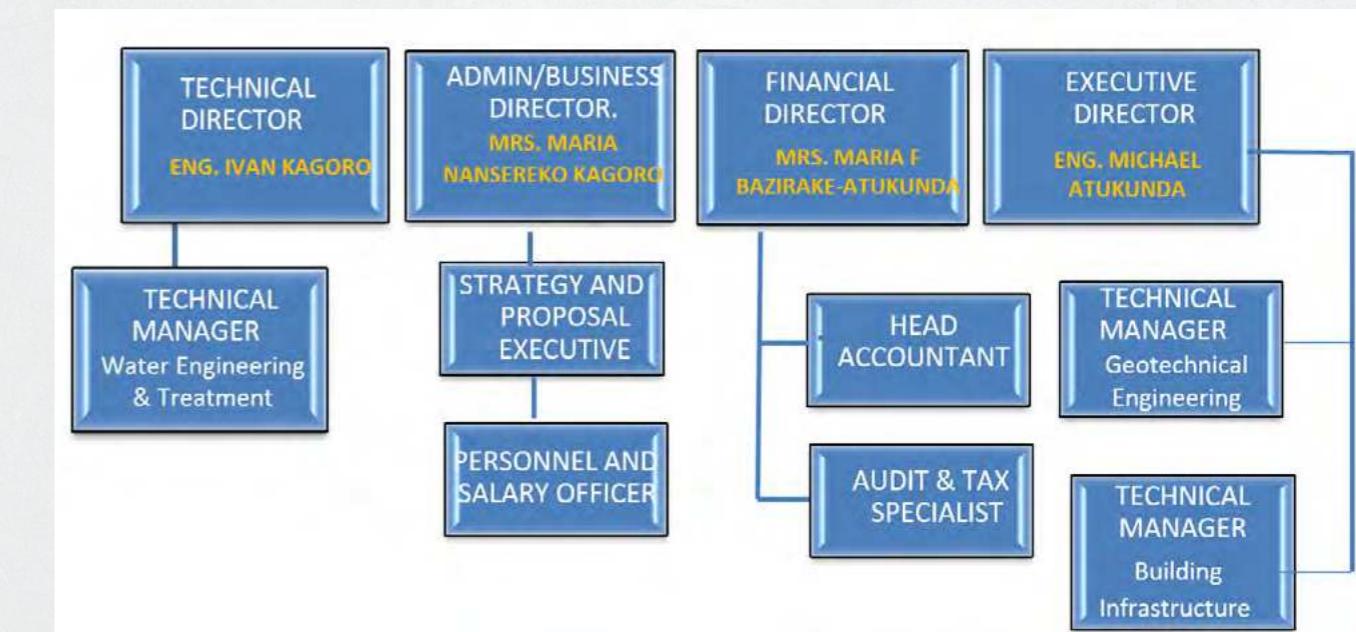
A critical and innovative thinker with a keen eye for detail, Maria's skills and varied experience are the driving forces behind her successful professional career.

### Marie-Francesca Bazirake-Atukunda

A Finance and audit professional with expertise financial reporting, internal controls review, risk management, corporate governance, fraud investigations and information systems audit within a 10year's working experience. Maria holds a bachelor's degree in International Business from Makerere University, is an ACCA and CPA (U). Her expertise permeates various sectors of the economy including financial services, retail, agriculture, medical and pharmaceuticals, oil and gas, non-governmental organisations and not-for profit companies.

A passionate professional that uses her knowledge to create that much-needed difference and innovation each organisation looks for, leading to that much needed change; "continuous innovation and improvement is what I seek"

## The Organization Structure





## Geotechnical Engineering

“ MItek has vast experience with the soil conditions, in Uganda and Africa as a whole. We have worked with a variety of complex geologic and subsurface conditions throughout Uganda. Our experience has provided us with a great understanding of the impacts that variability in subsurface conditions can have on design and construction.

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Our projects span many different industries because our services benefit nearly every type of project. MItek has had the opportunity to work with many different clients, including governmental agencies and municipalities, energy and utility providers, public and private institutions, architectural and engineering firms, and general contractors.

### Services

We offer geological, geotechnical and hydrogeological planning, consulting and site supervision for infrastructure, wind power and hydropower projects, as follows;

- Develop geological, geotechnical and hydrogeological investigation programmes
- Design assessment and site supervision of geotechnical projects
- Geological and structural geological modelling
- Interpretation of geological, geotechnical and hydrogeological data
- Geotechnical design of ground and rock slopes and foundations
- Geotechnical expert opinions with a focus on soil and rock mechanics and verification of stability for construction excavations
- Geological and geotechnical risk assessment and management
- Consulting services and expert opinions on all aspects of geology, geotechnical engineering, construction operation and construction contracts
- Geotechnical monitoring, design and interpretation of geotechnical measurement
- Geotechnical Reporting.

MItek adheres to the following geotechnical investigation procedures;

- Field Investigation and in-situ testing of soils/rocks
- Laboratory Testing services of soils/rocks and construction materials
- Analysis and Interpretation of Geotechnical test results
- Geotechnical Design of Foundations for roads, buildings, dams, etc
- Geotechnical Reporting.

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## Our Geotechnical Experience

MItek offers geotechnical services at all stages of projects' timelines and often works with clients from project inception through construction, to completion. Working with one firm that can provide all these geo-related services, not only saves our clients time and money, but also eliminates the administrative burden of having to solicit different vendors for each service.

Consolidating all services with MItek, also allows for faster and easier information sharing, which promotes more effective and efficient project management. Our engineers and construction services managers have the experience to assist with consultation of materials-related issues, at the construction site.

At MItek, engineers work regularly and closely with construction materials testing staff and have practical construction-related experience, to address a variety of geotechnical issues.

## Recent Company Project References

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Geotechnical  
Investigations  
Project for Dolphin  
Hotel, Arua:  
Uganda

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Geotechnical  
Investigations  
Project for  
**Manyangwa  
Residential  
Apartments,**  
Gayaza: Uganda



Geotechnical  
Investigations  
for **Wind Power  
Turbines- Access**  
**Wind Power**  
Project: Zambia



Geotechnical  
Investigations  
Project for **Phillip  
Omondi Stadium  
(KCCA)**: Uganda

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# Water Engineering

## Water Treatment and Distribution

Mitek Consulting Ltd. has extensive experience in the design and implementation of water treatment solutions incorporating the latest technologies.



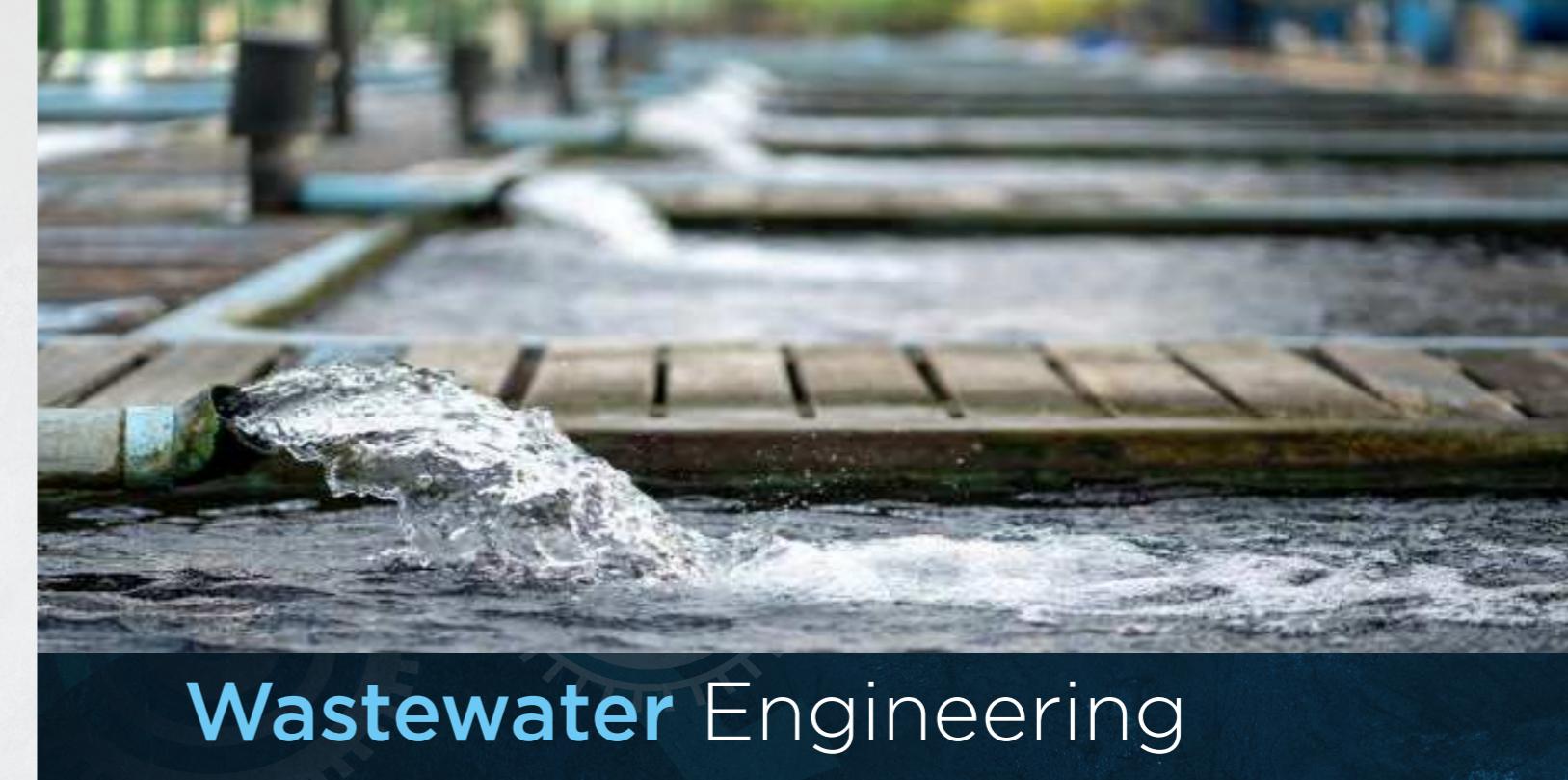
Our team offers a broad spectrum of water treatment design services, to diverse clientele; from small packaged systems to full-scale water treatment plants.

Storage reservoir and pumping system designs are also a key component of Mitek's project experience. Our experience includes design of water storage and pumping systems as well as linear infrastructure, supplying both small localized distribution systems and large regional transmission networks.

## Services

Mitek offers the following Water Engineering services in the water treatment and supply sectors:

- Studies/Assessments
- Raw Water Supply
  - Groundwater development
  - Surface water development
- Water Treatment
  - Oxidation
  - Pre-Treatment Chemical Feed Systems
  - Coagulation, Rapid Mix and Flocculation
  - Dissolved Air Floatation, and Solids Contact Clarification
  - Slow Sand, Rapid Gravity Sand, Greensand, and Membrane Filtration
  - Stabilization
  - Chlorination/Chloramination
  - Residuals Management
- Water Supply Systems, including; distribution system modelling, Water main relocation, Water transmission lines and Pumping systems
  - Condition Assessments
  - Hydraulics
  - Transient Analysis
  - Cost Estimating
  - Treated Water Storage Reservoir Design
  - Concrete (Above/Below Ground)
  - Above Ground, Bolted Steel



## Wastewater Engineering

### Wastewater Collection, Treatment & Disposal

Mitek Consulting Ltd. has extensive experience in the design and implementation of projects related to all aspects of wastewater from collection and conveyance to treatment and disposal.

Our talented team of expert engineers has assisted clients, large and small, with planning, design, construction and commissioning of wastewater treatment facilities, incorporating basic conventional lagoon systems to complex mechanical processes. Wastewater collection and conveyance projects are also a specialty of Mitek, with expertise in collection system and lift station planning and design.

## Services

Mitek offers the following Wastewater Engineering services in the collection, treatment and disposal:

- Feasibility Studies/Assessments
- Wastewater Treatment and Disposal
  - Treatment Systems
  - Solids Management (Thickening and Dewatering)
  - Effluent Disposal Systems such as Irrigation, Wetlands, Direct Discharge, Evaporation
- Wastewater Pumping / Collection Systems
  - Collection Systems, both Gravity Sewer and Low Pressure
  - Pumping Systems: Sewage Lift Stations (Dry-Well/Wet-Well Configurations) and Precast Concrete, Sanitary Force mains
- Computer Modelling

## Associates

The management of Mitek Consulting Limited in a bid to protect its “baseline” found it prudent enough to develop good working relationships with similar sized construction and consulting companies in Uganda through partnerships to pool and share technologies, human resources, facilities and ideas so as to offer the best services to our clientele.

Our associates include;

- Cyndrone Technologies Ltd.
- Geotropics Ltd
- Innula Consult Ltd
- CIS Ltd (Center for infrastructure services)
- Air Water and Earth (AWE)
- Atoria Civil Lab





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