

Mukasa Samuel



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Education

MBA (Management
option) Ndejje University

BS (CIVIL) ENGINEERING
Ndejje University

ORDINARY DIPLOMA IN BUILDING
AND CIVIL ENGINEERING
Uganda Polytechnic Kyambogo
Credit diploma

Certificate Trainer of Trainers
Uganda Management Institute

Interest

History
Fairness
Mentoring
Playing Guitar
Good Governance

Career Objectives

To use engineering knowledge and skills to serve humanity through innovative engineering solutions that improve the quality of life hence adding a brick to global effort to create a better world.

HIGHLIGHTED WORK EXPERIENCE

Cable bridge Specialist | Engineers Without Borders

March 2023

Lead consultant on longest pedestrian Hybrid cable suspension bridge (106 meters span) in Uganda. in constructed in Kasese region along Mubuku River.

Uganda projects Manager | Bridges to Prosperity

Nov 2021-2022

| leading teams that have construct over 32 cable bridges to date across Uganda | Leading parallel construction Teams | Operations and Materials Logistics management | Procurement and Supplier management | stakeholder engagement Government through District, Ministry of Works and Transport and local communities | Developing of projects schedules using MS-project | Engaging with other NGO in international development on possible collaborations | Developing project BOQs | Drafting of supplier contracts | Expense reporting | Developing of Bridge Training manuals | Negotiating Voluntary land acquisition for bridge projects through engaging with land owners in the beneficiary communities | Designing cable cars to ease transportation of materials across rivers during construction

Respect for human rights

Strength finder

Achiever
Learner
Activator
Ideation
Individualization

Key Skills

Innovative
Creative
Detail oriented
Problem solving
Public speaking
Project management
Decision Making
Leadership
Organizational
Oral Communication
Written communication

Achievement

Successful implementation of over 20 NUSAF2 hospital, school, water and road construction Projects in Bududa district.

Successful Implementation of over 32 suspension and suspended cable trail bridges in East and Western Uganda.

Certifications

OSHA 30-Hour Construction.

First Aid Training in Basic Life Support and Advanced First Aid

Trainer of Trainers
Uganda Management Institute

Project engineer | Bridges to Prosperity

Jan 2019- Nov 2021

Oversee Construction of 8 suspension bridges and 6 suspended bridges | Ensure compliance of safety and construction protocols | Hire, train, and manage local construction teams (from 1 to 90 employees) | Lead teams to build quality trailbridges on schedule and on budget | stakeholder engagement (Government through District, Ministry of Works and Transport, Uganda National Roads Authority, and local communities | Donors (cooperate teams through providing leadership on site | Mentor and train the Uganda Program B2P construction team | Develop projects schedules , project BOQs and developing of supplier agreements | Management of suppliers and logistics | Conducting procurement for local Materials | Innovation and development of construction Methodologies for the teams | Conduct field engineering surveys | Supporting engineering design teams | Contribution to improvements in the bridge designs for easy constructability | Pioneer in successful implementation of the New Rock anchor designs | Design of temporally bridges across rivers to improve access for both Local communities and workers on all the bridge sites | Monthly Progress reporting to stakeholders | Organizing and facilitating of stakeholders site meetings | Operations and Logistics management

Program engineer | Bridges to Prosperity

03/2017 to 12/2018

Oversee Construction of four Suspension bridges in Mbale , Manafwa , Sironko and Bududa districts in Eastern Uganda | Bridge sites assessments for technical and social need| Mentoring and training of the Uganda program construction teams | Developing projects schedules & Project BOQs | Management of suppliers and Material logistics | Conducting procurement of local Materials |Developing construction Methodologies for bridge building teams Conducting field engineering surveys | Preliminary designs of proposed bridges | Stakeholder engagement (Government through District, Ministry of Works and Transport, Uganda National Roads Authority, and local communities), | Donors (Cooperate teams) (through providing leadership on site) | HR functions for the field teams | Monthly Progress reporting to stakeholders | Organizing and facilitating of stakeholders site meetings | Operations and Logistics management

Engineering assistant• Projects manager • Office of the Prime Minister (OPM) Under Northern Uganda Social Action Program Fund funded by World Bank

03/2012 to 08/2014

Community project appraisals for funding | Design and supervision of community access roads | Management of contracts and training of community project management committees and community procurement committees | Ensuring that projects ; classrooms and staff houses are built on schedule, on budget and specified quality | Developing Bidding documents following PPDA guide lines | Developing BOQs and Engineers estimates for Bids used to successfully conduct procurement of service providers to construct classroom blocks and Housing units for Doctors and teachers | Evaluation and Selection of best bids from suppliers | Certifying of completed works by issuing interim and completion certificates | Recording GPS coordinates for all project site for both infrastructural and livelihood projects | Conduct field engineering surveys for community access roads | Design of single span timber bridges | Stakeholder engagement (District and local councils and communities) | Project management | Monthly Progress reporting to stakeholders | Organizing and facilitating of stakeholders site meetings

Site Foreman• Capital Technical services Ltd

01/2011 to 02/2012

Oversee Construction of laboratory, classrooms at Kakooge secondary school funded by world bank through Ministry of Education and Sports.

Site Foreman• Malezi construction services

05/2009 to 01/2010

Oversee Construction of Water clarifying tank and drainage system at Crown bottlers Ltd.

Site Foreman• Freelance

05/2005 to 01/2008

Oversee construction of several residential houses up to 3 stories in Kampala and several residential and health facilities in Southern Sudan as a freelance.

Communication

Presentation of Bridges to Prosperity profile to Top Management Team of the Ministry of works and transport.

Mentoring

Guest lecturer by invitation from Professor Rita Klees for her Masters class at University of Colorado Boulder, Department of Civil, Environmental and Architectural Engineering.

Topics: Rural infrastructure, Pedestrian bridges, Covid implications on Bridges to Prosperity operations and experience working with donors in Uganda.

Leadership

Current Chairman strategic planning committee of AF investment club where I am a member. I have participated together with other committee members in writing a five-year strategic Plan for our Investment club which.

I am apparently a Street committee secretary for mobilization in Upper Mawanga Zone my home area, I have mobilized our community to improve access roads in our zone through providing technical support and facilitating meetings to improve access roads in my community and this has resulted into members contributing resources to pave access roads in our Zone and so far, several roads are have been upgraded.

References

[Available upon request.]