



**MAMLAKAH BUILDERS
CONSULTING HOUSE**

COMPANY PROFILE

*Building with **excellence**
for posterity*

P.O. Box 76114-00508,
Nairobi





Mamlakah Builders Consulting House (MBCH) specializes in offering Structural and Civil Engineering Consultancy service, providing a portfolio of engineering solutions covering design, construction management, structural assessments, training and mentorship programs for infrastructural developments in the Construction Industry.

MBCH, having been in active service for over 14 years with a professional team 'built up' experience of over 45 years, MBCH prioritizes engineering service that respond to client and design requirements by optimizing on existing innovative & appropriate technology that conform to acceptable design standards and specifications.

01. INTRODUCTION

MBCH's 14-year journey is under the competent 'Team Leadership' of Eng. Zipporah C. Rotich, who is a structural engineer by profession and a consulting engineer licensed and registered with the Engineers Board of Kenya (EBK) and the Institution of Engineers of Kenya (IEK).

Eng. Rotich has a 30-year career journey domiciled in the construction industry. This expertise in the knowledge and application of structural engineering principles has translated into the successful implementation of over 100 projects and engineering solutions within the East African region.



Values:

MBCH upholds the values of integrity, excellence and relevant skill, whilst modeling values of professionalism, moral uprightness, stability, quality and efficient service.

Our motto: *“Building with excellence for posterity!”*

Partnerships / Consortiums

MBCH participates in Industry consortium teams in providing the required project expertise for successful performance.

Client Organizations portfolio:

Over the 14-year journey, MBCH has provided engineering consultancy service to the following organizations:

MBCH consultancy

- Standard Chartered Bank
- Air Kenya
- PDM Kenya Ltd.
- The Office Park, Riverside
- JNM Holdings
- Jamii Telecommunications
- Kenyan Originals
- Yaya Centre
- ST. Austin's Academy School

- LEIRA Foods, EPZ, Kitengela
- Aga Khan Foundation
- Capital Realty Limited
- AIC Church

MBCH in partnership

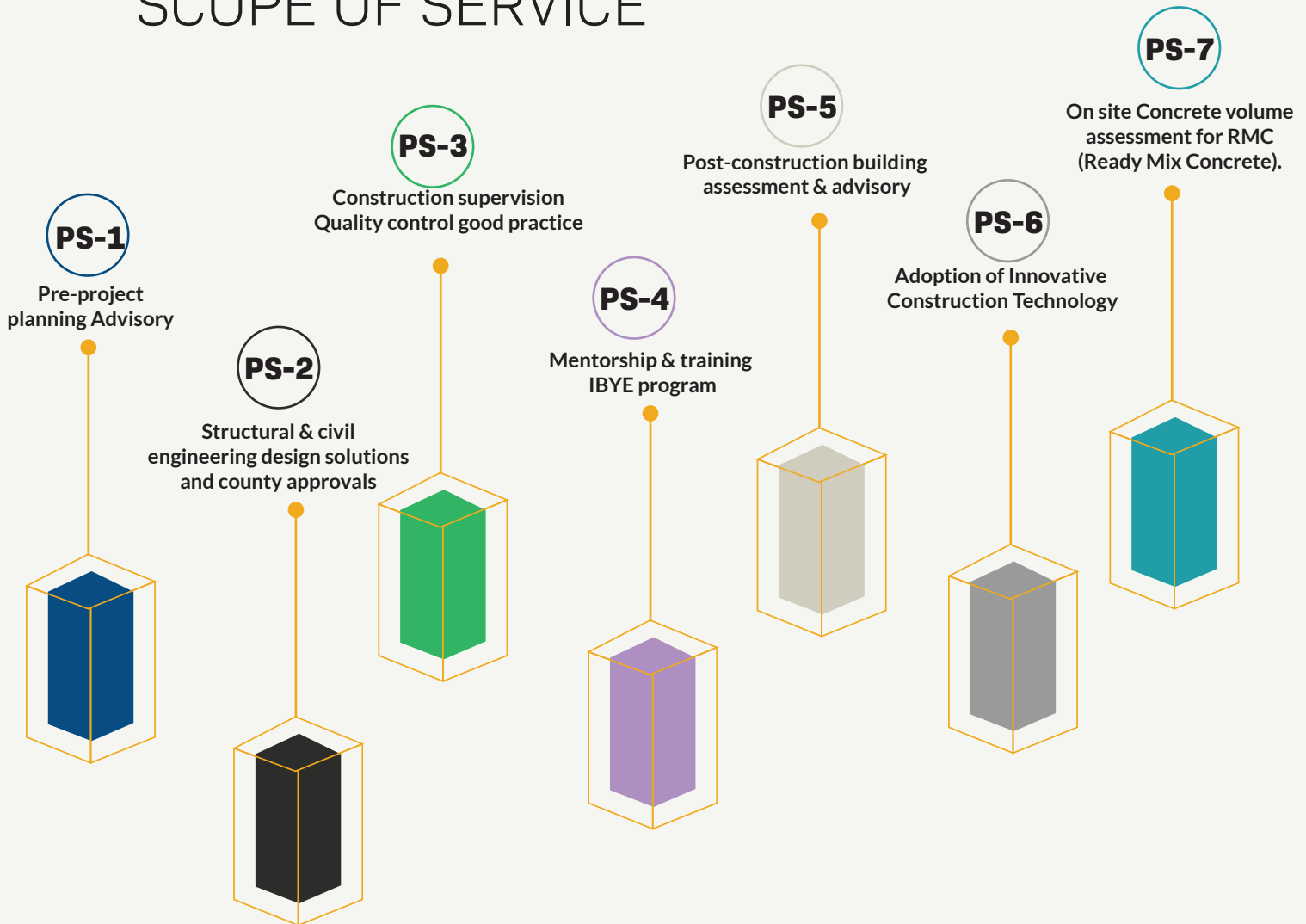
- Nation Media Group
- Potter House School
- Parklands Temple
- Konza Complex
- Cogeбанque, Kigali
- Tatu City
- Holy Family Basilica
- Sarit Centre
- PDM Uganda
- UNICEF, WASH
- Bishop Gatimu Girls School

MBCH services have creatively and professionally been employed in a spectrum of projects varying from house extensions to complex multi-storeyed, multi-purpose building projects.

We are able to provide consultancy services to almost all sectors of society and looks forward to the challenge of new design experiences.

02. PROFESSIONAL EXPERTISE:

SCOPE OF SERVICE



Providing Sound Structural & Civil Engineering Solutions and Services that prioritize efficiency and safety

PS-1: Pre-Project Planning Advisory

Project planning discussions, proposals, guidance that include mandatory requirements, industry service providers, preferred construction materials & methodology, project site analysis, and effective approaches.

PS-2: Structural & Civil Engineering Consultancy

Provide engineering concepts to final design stages that respond to client preferences and architectural designs.

Submission to local county authorities for approvals. Projects diversity range from single storey housing projects to complex commercial buildings,

Interaction and collaboration with industry service providers either as project consultant or part of a project consortium team. Undertake project management services. Undertake buildings assessments including non-destructive tests (NDT) and analysis.

PS-3: Construction Supervision

Supervision during project construction to ensure adoption of good construction

practice, optimization of materials, implement quality control activities to certify project design parameters and specifications are recognized and achieved.

PS-4: Mentorship & Training

This is a 2-fold pillar.

Pillar 1 provides hands-on mentorship and training for graduate engineers through participation in project design and construction supervision activities.

Pillar 2 provides capacity building training for graduate and young engineers under the IBYE program which aims to bridge the academic skills with industry expectation for relevance and confidence. The program is also tailored to accommodate construction diploma graduates.

PS-5: Post-Construction Assessment & Advisory

Structural integrity assessment of existing buildings and structures and assessment post-project

completion and hand-over as a maintenance program for organizations. This facilitates the early identification of defects for immediate address for safety, maintenance cost control management and mitigating the propagation of structural damage.

PS-6: Adoption of Innovative Construction Technology:

This involves design review, recommendation and construction supervision. Technology types:

- i. Precast concrete floors
- ii. Post tension floor construction
- iii. Use of carbon fibre technology for structural capacity enhancement

PS-7: On-site Concrete volume assessment for RMC (Ready Mix Concrete);

Construction where conflicts or variances arise between the RMC supplier and the developer. Concrete volume assessments provide mediation data

KEY STAFF

Team Leader

Eng. Zipporah C. Rotich
M.Arts. Leadership Studies,
BSc. Civil Eng. (1st Class Hon.)
Registered Engineer (EBK)
Corporate Member, IEK
Engineering Experience: over 30 years

Assistant Engineer 1

James Gitau
BSc. Civil Eng. (Hons.)
Engineering Experience: 10 years

Assistant Engineer 2

Milton Mulwa
BSc. Civil Eng. (Hons.)
Engineering Experience: 6 years

Assistant Engineer 3

Marcellus K. Kitum
BSc. Civil Eng. (Hons.)
Engineering Experience: 6 years

Graduate Engineer

Faith Chepkoech
BSc. Civil Eng.

Senior Technician/Site Coordinator

Eric Sakwa
Diploma Civil Engineering
Industry Experience: over 20 years

Administrator:

Sharon Salma
Human Resource Expert

Audit / Accounts:

Njoroge Kuria & Associates

MBCH is also networked to employ additional human resource for specific projects when there is need for added capacity.

03. PROJECTS GALLERY



Design and Construction Supervision to Project Completion Stage at UBUNTU Primary School, Kikuyu. Road access, parking, boundary walls, storm & sewer Drainage systems were part of project Scope.



Structural Integrity Assessment at Standard Chartered, Kenyatta Avenue, Nairobi



Fahari Residential Apartments, Thindigua, Kiambu Road – Design & Construction



Residential House, Karen – Engineering Design & Construction



76 number housing units in Syokimau for Gables Park



Office Extensions, Riverside Drive –
Assessment, Design & Construction



Structural Assessment for PDM, Vienna
Court, State House Rd.



Design and Construction supervision of
Residential Apartments at Kilimani, Nairobi



13 Storey Jamii Towers Office Building with
2 Basement floors and Roof Helipad at
Upper hill, Nairobi



Office Extensions, Amphitheatre & Container converted Washrooms at Office
Park, Riverside Drive.



Structural Assessment for installation of new suspended floor and renovation construction at Air Kenya Offices, Wilson Airport, Nairobi.



Power floating concrete Basement floor, Upper Hill Office Building



Design and Construction supervision of EPS concrete suspended floors for residential apartments at Thindigua, Kiambu road.



Adoption of post tension (PT) Technology for reinforced beam (26m span) at CPK Church, Kericho



Design and Construction supervision of double storeyed residential building at Lavington. Associated structures such as guard house, machine storage house, DSQ, generator house, retaining boundary walls and drainage systems formed the project scope.



Design and Construction supervision of double storeyed residential building at Tigoni. Engineering solutions were implemented for stabilizing of steep slopes for garden landscape and stormwater management.



15M Span Post-Tension (PT) reinforced concrete Shallow beams Forming part of the slab deck, a solution to omit deep beams and create sufficient headroom at the Temple in Parklands.



Residential apartments construction - concrete volume assessment. Gazebo apartment, 3rd Parklands AV



Classrooms extension at St Austins Academy, Lavington – Assessment, Design & Construction



Potterhouse School, Kasarini, Runda – Design & Construction Supervision



Design & construction supervision,
Residential House at Kerarapon, Ngong



Jamii Towers With Rooftop Helipad, Upper
Hill, Nairobi



Structural Assessments at SCB
Headquarters Building, Westlands road,
Nairobi.



Residential House, Karen – Engineering
Design & Construction



Retaining Wall Assessment, Peponi Road For Aga Khan Foundation



Construction supervision of a PT construction technology at Holy Basilica Underground Parking Silo

04. **PROJECTS** PARTNERS



GET IN TOUCH



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