



CIVIL & STRUCTURAL ENGINEERS AND PROJECT MANAGERS



SENAPELO
CONSULTING ENGINEERS

Company Profile

WWW.SENAPELO.CO.ZA

**BBBEE
LEVEL
1**

"Passion-driven innovative solutions"



“ We do not allow the past to determine the future. We are inspired to provide innovative solutions in South Africa and the rest of Africa, participating in new playing fields in order to “rise above the narrow confines of our individual needs to the broader scope of all humanity” ”





OVERVIEW

Senapelo Consulting Engineers is a 100% black-owned, civil, structural engineering and project management consulting firm. Established in 2001, our operations cover all of South Africa and the sub-region – with offices in Gauteng, Limpopo, Western Cape, Eastern Cape and KwaZulu Natal.

The name **SENAPELO** means *“Passion Driven”*.

OUR VISION

Inspired by the words of Martin Luther King Jr., *“ ... to rise above the narrow confines of our individual needs to the broader confines of all humanity ...”* – our vision is to be the leading provider of innovative civil and construction engineering solutions in South Africa and the Sub-region, through civil and corporate partnerships, whilst developing disadvantaged communities and improving the standard of living through skills transfer and creation of sustainable employment opportunities.

OUR MISSION

- To offer first-class innovative and functional civil, structural engineering and project management services to all our clients, in line with technological advancements and environmental conservation parameters.
- To partner with local communities on projects, wherever possible, in order to redress historical imbalances and improve their quality of life through employment creation and skills transfer.

REGISTERED MEMBER OF:



“Passion-driven innovative solutions”

Senapelo Consulting Engineers is driven by the passion of George Mosena, a Civil & Construction Engineering professional with over 20 years of industry experience. He is supported by a technical team consisting of highly-qualified and registered, experienced individuals, from various areas of specialisation in the Civil, Structural Engineering and Project Management sector.

THE DIRECTOR



George M. Mosena,

Pr Tech (Eng), B Tech: Civil Eng, B. Min
Executive Director

George has worked for numerous consulting firms and Local Government structures in his many years in the industry. As such he is familiar with different spheres involved in the Civil Engineering fraternity. During his term in Local Government, he worked as a Project Manager & Investment Manager: Water and Sanitation. He also worked as a Project Manager for Development Bank of Southern Africa, responsible for development finance and various financing models available for projects implementation. His focus has always been the needs of the Client and delivering superior value. He is also involved in the day-to-day management of implementation and planning projects, and occasionally sits on Tender Adjudication boards.

Away from the professional front, George is an avid biker in his spare time.

Academic Profile:

National Diploma: Civil Engineering | B Tech: Civil Engineering (Water Engineering): University of Johannesburg | Certificate in Project Management | Registered Professional Engineering Technologist (200670103) | Bachelor of Ministry



CORPORATE SOCIAL INVESTMENT

It is our Policy to work in conjunction with communities on our projects where possible, in order to facilitate their upliftment. Our areas of focus include the following:

Employment Equity

We are an equal opportunity employer, supporting the principles of affirmative action as reflected in our personnel composition. It is our goal to achieve a staff complement that is representative of the population composition in terms of gender, youth and people living with disabilities. **Senapelo is a fully compliant B-BBEE Level 1 certified organisation.**

Women Empowerment

We are committed to eliminating all discrimination including gender discrimination. This is underlined by 50% of our staff being women and the appointment of black women on contract basis for our projects.

Human Resource Development

Senapelo has been involved in a number of projects and activities in disadvantaged communities, ranging from advising communities, education, awareness campaigns, training services to tutoring and mentoring of young professionals voluntarily. Continuous on the job training is provided to all personnel.

Social Responsibility

We are actively involved in development of the youth and establishment of sustainable job opportunities for disadvantaged communities. Previously, we assisted in training and mobilising unemployed youths from Mamelodi and helped them to establish a small construction company. We have also assisted SMME's on tendering and basic contracts management.

Community Empowerment

Our commitment to the upliftment of the previously disadvantaged communities since inception.



HOW WE WORK

Living up to our motto of providing ***Passion-Driven Innovative Solutions***, we strive to deliver the best possible solutions to your engineering challenges. Our service offering includes the following:

Consulting

Senapelo offers a “full service solution” backed by over 20 years of industry experience. We have the expertise to oversee projects of varying magnitude from conceptualisation through hand-over / commissioning. We work with you every step of the way to ensure that your requirements are met. We have vast experience in dealing with Local Authorities and are fully conversant with the statutory requirements.

We manage the entire project process from conception to commissioning, encompassing the following stages:

- Project Management
- Planning & Feasibility Studies
- Design: Conceptualisation and Detailing
- Procurement: Tender Adjudication, etc.
- Construction Supervision
- Commissioning

Property Development

Senapelo offers you the technology and expertise to deliver high quality, cost-effective construction solutions that will meet the practical needs of your business — and yield a good return on your investment.

We will provide a detailed project costing so that you have a clear idea of the financing requirements, as well as the scope for deviation from original specs and your projected return on investment.

*** Registered and accredited with the NHBRC**



WHAT WE DO

Our service offering encompasses Civil & Structural Engineering and Project Management across the following fields:

1. Infrastructure

- Roads & Stormwater
- Bridges
- Water and Sanitation
- Pump Stations
- Cemeteries

2. Transportation

- Networks and Systems
- Traffic Engineering
- Transport Infrastructure

3. Buildings

- Offices
- Commercial and Retail
- Educational
- Health
- Recreational
- Low Cost Housing (RDP)

4. Development

- Housing
- Commercial
- Recreational

5. Geotechnical Engineering

- Investigations and Reporting

6. Management

- Programme and Project Management
- Institutional Capacity Building
- Business Planning and Funding Models
- Support function to government clients

7. Planning

- Feasibility Studies



“Passion-driven innovative solutions”





SOME OF OUR CLIENTS



“ **Our Promise to You:**

- innovative design
- practical solutions
- guaranteed quality
- superior workmanship
- up-to-date technology
- transparent processes ”



“Passion-driven innovative solutions”

PROJECT LISTING

Below are some of the projects that we have worked on over the years:

Client	Project	Value	Year
WATER			
Capricorn District Municipality	Dikgading, Sekonye, Mphakane & Springs Water Supply	R 34.051m	2018
Capricorn District Municipality	Mamotshana, Makgato & Sekalegolo Water Supply	R 13.1m	2017
Capricorn District Municipality	Matseke, Sefene & Ramatjowe Water Supply	R 8m	2017
Capricorn District Municipality	Ramokgopa (Ga-Joel & Ramatjowe) Water Supply	R 10.8m	2017
Capricorn District Municipality	Ga-Mokganya Water Supply	R 2.99m	2016
Capricorn District Municipality	Stocks Reticulate Madisha Leolo	R 7m	2014
Capricorn District Municipality	Groothoek / Specon Reticulate Sehlabeng & Mashongo	R 4m	2015
City of Tshwane	Upgrading of Bulk Water & Water Reticulation, Stinkwater A	R 15.9m	2012
Gauteng Housing Department	Construction of Roads, Sewer & Water supply for 379 houses, Munsieville Ext 5	R 45.7m	2011
ROADS & STORMWATER			
Polokwane Local Municipality	Upgrading of Ga-Semenya to Matekereng road from gravel to tar	R 30.24m	2018
Roads Agency Limpopo	Upgrading (gravel to tar) of Road D3507 (Mapela – Mmahlogo – Sephatane – Bakenberg), Waterberg District	R 86.74m	2012
Gauteng Housing Department	Construction of Roads , Sewer & Water supply for 379 houses, Munsieville Ext 5	R 45.7m	2011
Aganang Local Municipality	Construction of road (Uitkyk to Burgwal Bridge)	R 1.9m	2008
North West Dept Transport, Roads & Safety	Rehabilitation & Reseal of Road D414	R 4.4m	2009
North West Dept Transport, Roads & Safety	Upgrading (gravel to tar) of Road D1236	R 79.3m	2009
Polokwane Local Municipality	Upgrading Arterial Road in SDA1 (Luthuli Park)	R 18.6m	2022
Polokwane Local Municipality	Installation of Outstanding Services and Construction of Streets for Polokwane Ext 26	R 5.3m	2022
WASTE WATER / SANITATION			
Polokwane Local Municipality	Turnkey project: Rural Sanitation Chuene / Maja Molepo Cluster (Development of business plan & implementation)	R 16.064m	2016
Capricorn District Municipality	Senwabarwana Ext 7 Sewer Reticulation	R 3.5m	2014
Gauteng Housing Department	Construction of Roads, Sewer & Water supply for 379 houses, Munsieville Ext 5	R 45.7m	2011
Polokwane Local Municipality	Rural Sanitation for Ga-Molepo (JV: SCE, GTM Trading & Fantique Trading)	R 30m	2010
STRUCTURAL			
Municipal Employees Pension Fund	Re-development – Upgrading of Shoprite Hyper, Klerksdorp	R 100m	2011
Polokwane Local Municipality	Construction of seven (7) workers' residences	R 3m	2018
Phiri Group Architects (for IDT Limpopo)	Construction of Jane Furse Nursing College (Engineering Planning & Design)	R 246m	2006
Phiri Group Architects (for IDT Limpopo)	Construction of Moraba Moshate Pay Point Hall	R 3.4m	2007
Limpopo Department of Public Works	Principal Agent and Civil & Structural Engineer – Upgrading of Schools in Capricorn District	R 28m	2012





“PASSION-DRIVEN INNOVATIVE SOLUTIONS”

Client	Project	Value	Year
GEOTECHNICAL			
Eskom	Geotechnical investigation: Fort Goodhope Textile 66 KV line	R 0.5m	2013
Eskom	Geotechnical investigation: Pembroke King Williams Town 66 KV line	R 0.6m	2013
Eskom Generations	Geotechnical investigation, aggregate testing & consulting – distribution in Western region	R 5m	2011
Limpopo Provincial Government	Geotechnical investigation for rural housing units, Mogalakwena & Lephalale Municipality	R 0.53m	2009
PROJECT MANAGEMENT			
National Home Builders Registration Council (NHBRC)	Inspection of RDP Housing in Limpopo Province	R 7.8m	2013
Limpopo Dept of Public Works	Principal Agent and Civil & Structural Engineer – Upgrading of Schools in Capricorn District	R 28m	2012
OTHER			
Rand Water	Tender Evaluation: Construction of 19km long water line for Steynsrus, Mopkaka LM		2016
Rand Water	Technical evaluation of tenders & administrative support	R 5m	2019
Rand Water	Resources for Construction Supervision & project administrative support	R 22.46m	2021
Development Bank of Southern Africa	Support the implementation of the IDMS (National Treasury). Positions: Knowledge transfer to Local Government and Help Desk	R 14.5m	2023

For a full project listing, visit: www.senapelo.co.za



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CONSULTING ENGINEERS

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