



COMPANY PROFILE

2023



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ABOUT US



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Mafahleni Engineers and Project Managers was founded by Mr Trevor Zuma many years ago. The company provides engineering and consultancy solution within the built environment multidisciplinary services, inter alia including **structural, water, sanitation, roads, urban design and project management.**

Mafahleni have amassed extensive experience within the Urban renewal sector, main objective whereof being to address the economy imbalances.

Mafahleni has a solid record of accomplishment in the built environment, and has adopted hands-on approach in enhancing value to our clients. This has proven to significantly contribute to the infrastructure development culture for the benefit of the nation. Our primary objective is to effectively achieve transformation, reconstruction, poverty eradication and creation of employment opportunities through innovative labour use, whilst ensuring not compromising quality, which is our intrinsic drive.

With a head office in Durban and satellite offices in Port-Shepstone, Gauteng, and Mpumalanga the company is strategically located in areas that receive public and private sector investment and infrastructure development and upgrading. With a staff compliment of more than 30 experienced professionals, and diverse skills in the built environment, Mafahleni is committed to providing its clientele with innovative project and infrastructure delivery solutions of the highest quality within cost timorously.

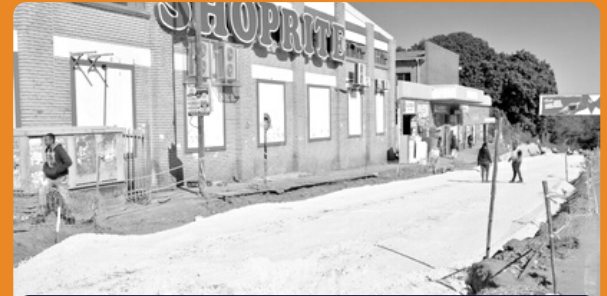
COMPANY OVERVIEW



THE COMPANY VISION



The Company Vision To be the leading infrastructure delivery partner of choice in the public and private sector in Africa.



THE COMPANY MISSION



The Company Mission is to service our client with excellence through the application of our highly technical standard.



THE COMPANY VALUES



The Company Values Teamwork, Professionalism and integrity.

The Company is registered with **Water Institute of Southern Africa (WISA)**, **National Home Builders Registration Council (NHBRC)**, **South African Black Technical Allied (SABTACO)**, and **South African Forum of Civil Engineering Constructors (SAFCEC)**

Mafahleni Engineers and Project Managers is also involved in socio economic development programmes such as **dress a child to school, World Aids Day campaigns and Community Outreach**, with the aim of giving back to the community while assisting the government in fighting poverty in our country.



CEO

WELCOME MESSAGE



Mr. Trevor Siza Zuma
Chief Executive Officer

Mr. Trevor Zuma is an energetic, self-driven and professionally inspired individual with many years' experiences within the construction industry. He holds a Bachelor's Degree in Technology and Civil Engineering. His forte' is design and manage the engineering projects for Road Engineering; Hydraulics Engineering; Structural engineering and Urban Engineering, Budgetary control and manage project from planning processes, through to completion. He possesses excellent interpersonal skills and an ability in coordination; maintaining constant contact between client and contractors. He has an impressive proven track record of working within budgets and tight deadlines.

Mr. Zuma's experience dates to 1995, representing more than 25 years experience in Civil Engineering and project management. Mr Zuma gained extensive experience in commercial and community-based projects. Mr Zuma has also been exposed to a number of massive construction projects, including; Hullet Aluminium, Extention to Toyota plant in KwaZulu Natal. Upon founding and establishing the company in 2007, Mr Zuma, under his supervision, managed to construct more 100 kilometers of road and providing water to more than 20000 households. He has also been involved in a number of Town renewal projects across South Africa

1.

Project identification and formulation

Establishment client requirement and preferences, assess client needs and options, appoint necessary consultants and establish the project brief including project objectives, priorities, constraints, assumptions aspiration and strategies

2.

Feasibility and Planning Studies

Prepare and finalize the project concept in accordance with brief, including project scope, scale, character, form, and function plus preliminary programme and viability of the projects.

3.

Conceptual, specification and detail design

Develop the approve concept to finalize the design, outline specifications, cost plan, financial viability and programme of the project.

4.

Procurement and cost-control

Prepare procurement and construction documentation, confirm, and implement the procurement strategies and procedures for effective and timeous procurement of necessary resources for execution for the project.

5.

Construction supervision and management

Manage administer, and monitor the construction contracts and processes including preparation and co-ordination of procedures and documentation to facilitate practical completion the work.

6.

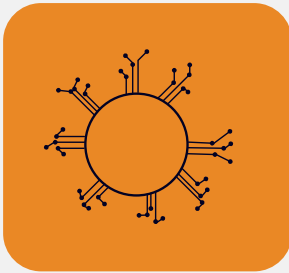
Commissioning and support services

Ensure that all work is correctly operated and maintained by carrying out, tests or inspection, scrutinize report on the quality of services and advice on, and supervising the rectification of defects and ensure adequate spares and materials are purchased timeously.

7.

Technical Assistance for client and contractors

Assist clients by providing technical support. Investigate new ideas and technology and advise the client appropriate. Provide technical assistance and advices to the contractor to meet client's requirements



Structural Engineering

Structural Concrete Works

- Water retaining structure:
- Reservoirs, Pump-stations, manholes and underground basement
- Bridge Engineering: low-level bridges, pedestrian bridge, pipe bridge etc.
- Structural steel: Industrial buildings, Gentries, steel bridge
- Timber Structure: Timber building, timber floor
- Piling: Auger piles, sheet etc.

Building

- Offices;
- Schools;
- Clinics;
- Community Halls and
- Industrial Building



Civil Engineering

Road Engineering

- Geometric Design;
- Pavement Design;
- Storm Water Design and Management;
- Non-Motorized Transport Infrastructure;
- Planning and Design

Water Engineering

- Water storage and distribution;
- Water abstraction and treatment;
- Water demand management and conservation

Waste Water Engineering

- Waste Water Treatment Plants;
- Waterborne Reticulation Systems



Project and Program Management

- Need analysis and definition;
- Project control systems design;
- Process and Schedule development;
- Resource allocation;
- Financial Planning and forecasting;
- Contract Administration and negotiating;
- Multiple project controls and scheduling



Transportation

Traffic and Transport Engineering

- Traffic impact assessment and studies
- Network Modelling;
- Preparation of proposals, business plans and costing
- Urban traffic management;
- Traffic signal Technology

Public Transport

- Network Planning;
- Public Transport Feasibility Studies;

TRANSFORMATION PLAN

Having a diverse workforce strengthens our organization by broadening our insights into many communities. Mafaheni Engineers and Project Managers is committed to transformation and recognizes that transformation is not about numbers but about meaningful development of our people.

Having a diverse workforce, strengthens our organization by broadening over insights into many committees and generating brand awareness and trust. It also encourages a collaborate culture, another strategic imperative for us.

SKILLS DEVELOPMENT



Training and development of all employees at Mafaheni Engineers and Project Managers is an important part of our Human Capital Strategy which seeks to provide equal developmental opportunities whilst maximizing productivity.

To ensure sustainability of the Engineering firm, Mafaheni Engineers and Project Managers have developed Bursary Policy to cater for students whom are studying towards postgraduate scholarship to be trained as civil engineers at the registered institution. The students to be assisted are from historically disadvantaged communities.



SUPPLIER DEVELOPMENT



Mafahleni Engineers and Management Project commits to supporting the development and participation of businesses owned by people from designated groups, including black people, women of all races, youth and people with disabilities.

We provide reasonable support to small businesses through skills transfer and information sharing. 1% of our net profit after tax will be allocated to assist small suppliers that are still struggling with resources.





EMPLOYMENT EQUITY



We are committed at having a staff compliment that reflects the diversity of our nation while offering our clients a rewarding experience of our professional services. We achieve this through sourcing and nurturing the best talent and skills to complement our work environment.

Our focus is on recruiting black talent and advancing our current black professionals through skills development and mentorship programmes.

We believe that Employment Equity is not about improving numerical representation rather real equal representation of all races and gender and implementing affirmative action measures. We shall ensure full compliance with Employment Equity Act 55 of 1998, ultimately its Employment Equity plan targets in all recruitment processes.



SOCIO ECONOMIC DEVELOPMENT



Mafahleni Engineers and Project Managers recognizes that it has a corporate social responsibility to its stake holders and South African citizen at large. We continue to play significant role in Skills Development and training through graduate programme which introduces young people to the real world of work, we provide mentorship and training.

For the past 5 years, Mafahleni Engineers and Project Managers has been partnering with the Dept of Transport KwaZulu Natal on youth Development programme, the programme proved to be a great success in tackling unemployment and poverty.

We commit to assist 75% black owned beneficiaries e.g. churches and creches

WATER & SANITATION PROJECTS.

Mafahleni Engineers and Project Managers has successfully provided water to + 10 000 households especially in rural communities and provided waterborne sanitation to +10 000 previously disadvantaged communities. This has further assisted Mafahleni Engineers to train these communities on water usage.

The below list consists of current and project that were completed in the last 5 (five) years.

CLIENT	PROJECT DESCRIPTION	CLIENT CONTACT PERSON	PROJECT VALUE	COMPLETION DATE
Ugu District Municipality	Mistake Farm Water Supply Scheme (Phase 2)	Mr Smanga Mbhele Tel No: 039 688 3536 Email: smanga.mbele@ugu.gov.za	R52 560 789.00	Current
Ugu District Municipality	Umzinto Slum Clearance: Farm Isonti Low-Cost Housing Water and Sewer Reticulation (Phase 1)	Mr Smanga Mbhele Tel No: 039 688 3536 Email: smanga.mbele@ugu.gov.za	R46 356 506.11	Current
Mvubu Consulting Engineers (ORTamboMunicipality)	Upgrade of Flood Damage Infrastructure at Port St. Johns Treatment Plant. Port St John Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R2 894 333.43	Current
Mvubu Consulting Engineers (OR Tambo Municipality)	Upgrade of Flood Damage Infrastructure at Mdlankala Treatment Plant. Port St John Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R2 894 333.43	Current
Mvubu Consulting Engineers (OR Tambo Municipality)	Upgrade of Flood Damage Infrastructure at Mzimvubu Treatment Plant. Port St John Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R2 737 690.61	Current
Mvubu Consulting Engineers (OR Tambo Municipality)	Upgrade of Flood Damage Infrastructure at Lutsheko Treatment Plant. Nyandeni Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R2 038 584.47	Current
Mvubu Consulting Engineers (OR Tambo Municipality)	Upgrade of Flood Damage Infrastructure at Ngqogweni Johns Treatment Plant. Nyandeni Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R1 891 582.56	Current
Mvubu Consulting Engineers (OR Tambo Municipality)	Upgrade of Flood Damage Infrastructure at Mangxamfu Treatment Plant. Mhlontlo Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R1 667 702.40	Current
Mvubu Consulting Engineers (OR Tambo Municipality)	Upgrade of Flood Damage Infrastructure at Ngqeleni Treatment Plant. Nyandeni Local Municipality	Ms. Miranda Van Niekerk Tel No: 083 780 2032 Email: miranda@mvubu.net	R1 056 045.00	Current

BUILDING & STRUCTURAL PROJECTS

Mafahleni Engineers has been involved in structural projects which includes BRIDGES, RESERVOIRS, DOUBLE-STOREY BUILDINGS, HOUSING PROJESTS etc. The building projects include CLINICS, SCHOOLS, OFFICES, AND INDUSTRIAL BUILDINGS. Since they year 2007, Mafahleni has successfully +50 structural projects amounting to R200 000 000.00

The below list consists of current and project that were completed in the last 5 (five) years.

CLIENT	PROJECT DESCRIPTION	CLIENT CONTACT PERSON	PROJECT VALUE	COMPLETION DATA
South African Farmers Development Association (SAFDA)	Development & implementation of 6 FPSU Precinct in KZN	Mr M. Dube Tel No: 073 179 6920 Email:mdube@sa-fda.org.za	R224 000 000.00	Current
Ray Nkonyeni Municipality	Construction of Community Hall-Ward 33	Mr.K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R6 201 333.47	2021
Ray Nkonyeni Municipality	Construction of Community Hall-Ward 34	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R8 300 000.00	2021
Ray Nkonyeni Municipality	Construction of Community Hall-Ward 9	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R6 747 880.09	2020
Ray Nkonyeni Municipality	Constructio of Community Hall-Ward 30	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R8 290 752.03	2019

ROADS, STORMWATER & BRIDGES PROJECTS

Mafahleni Engineers has completed several ROADS & STORMWATER projects. This included paved and gravel roads. Since 2007 was completed more than 100KM of roads which includes provincial and municipal roads. We are also involved in project bank stabilizing using gabions. Mafahleni has trained students through RRAMS (Rural Road Audit Management System) program from NATIONAL DEPARTMENT OF TRANSPORT.

The below list consists of current and project that were completed in the last 5 (five) years.

PROJECT NAME	PROJECT DESCRIPTION	CLIENT CONTACT PERSON	PROJECT VALUE	COMPLETION DATE
Ray Nkonyeni Municipality	Rehabilitation of Main Harding Road	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R54 107 836.07	Current
City of Mbombela	Paving of street at Ngulubeni Road, Ward 10	Mr. H. Mabasa Tel No: 013 690 6720 Email:lawrence.mabasa@mbombela.gov.za	R34 000 000.00	Current
City of Mbombela	Construction of Nkululeko Road from days Tavern Ward 10	Mr. H. Mabasa Tel No: 013 690 6720 Email:Lawrence.mabasa@mbombela.gov.za	R29 000 000.00	Current
Umzumbe Municipality	Road, Design and Construction Management of Ncazolo Road	Bonga Mzila Tel No: 039 972 0005 Email: bonginkosi@umzumbe.gov.za	R25 461 962.00	Current
Ray Nkonyeni Municipality	Construction of Madlala to Mdlungwane Pedestrian Bridge Ward 27	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R4 051 385.00	Current
Ray Nkonyeni Municipality	Bar Ngwemabala Pedestrian Bridge Ward 24	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R4 625 174.87	Current
Ray Nkonyeni Municipality	Rehabilitation of Nelson Mandela Road	Mr. K Msomi Tel No: 039 688 2139 Email: Khulekani.Msomi@rnm.gov.za	R48 563 857.00	2023
City of Mbombela	Rehabilitation of Luphisi-Kwabhokweni-Plaston	Mr. J. Nkuna Tel No: 013 690 6720 Email:jeff.nkuna@mbombela.gov.za	R101 707 250.92	2019
Emalahleni Municipality	KwaGuqa Storm Water and Drainage System	Mr. S Mhlongo Tel No: 013 690 6257 Email:MhlongoSM@emalahleni.co.za	R35 502 163.00	2018
Emalahleni Municipality	KwaGuqa Storm Water Extension Phase 2	Mr. S Mhlongo Tel No: 013 690 6257 Email: MhlongoSM@emalahleni.co.za	R15 500 000.00	Current

SPORTFIELD PROJECTS

The below list consists of current and project that were completed in the last 5 (five) years.

PROJECT NAME	PROJECT DESCRIPTION	CLIENT CONTACT PERSON AND NUMBER	PROJECT VALUE	COMPLETION DATE
Msukaligwa Municipality	Rehabilitation of Mpumalanga Stadium	Ms. Precious Masuku Tel No:017 801 3591 Email:pzmasuku@msukaligwa.gov.za	R10 200 000.00	2018
mhlabayalingane Municipality	Nyamazana Sportfield	Mr. M. Qwabe Tel No: 035 789 2517/7789	R4, 000,000.00	2018

MASTERPLAN

The below list consists of current and project that were completed in the last 5 (five) years.

PROJECT NAME	PROJECT DESCRIPTION	CLIENT CONTACT PERSON AND NUMBER	PROJECT VALUE	COMPLETION DATE
RAY NKONYENI MASTERPLAN	Development of masterplan for the Existing Emalahleni CBD. Our scope includes development of masterplans for the following existing services: ·Roads and Stormwater; ·Electrical; ·Water and Sanitation ·Solid Waste	Mr K Zulu Tel No: 039 688 2000 Email:khetha.zulu@rnm.gov.za	R1 974 032.50	2020
TEKWANE SOUTH URBAN HUB MASTERPLAN (City of Mbombela)	Development of masterplan for proposed development. Our scope includes the development of the following masterplan: ·Roads and Stormwater; ·Electrical; ·Water and Sanitation ·Solid Waste	Mr. J. Nkuna Tel No: 013 759 9254 Email:Jeff.Nkuna@mbombela.gov.za	R4 376 700.00	2017
EMALAHLENI CBD MASTERPLAN (Emalahleni Local Municipality)	Development of masterplan for the Existing Emalahleni CBD. Our scope includes development of masterplans for the following existing services: ·Roads and Stormwater; ·Electrical; ·Water and Sanitation ·Solid Waste	Ms. M. Makgalamele Tel No: 013 690 6720 Email:makgalemelem@emalahleni.gov.za	R4 989 438.00	2017

URBAN DESIGN

PROJECT NAME	PROJECT DESCRIPTION	CLIENT CONTACT PERSON AND NUMBER	PROJECT VALUE	COMPLETION DATE
Ray Nkonyeni Municipality	Port Shepstone CBD Precinct Hub	Ms. Y. Mhlamvu Tel No: 039 682 0327 Email: Yandisa.Mhlamvu@rnm.gov.za	R1 848 412.25	2021
City of Mbombela	Planning of Urban Network and Development of Urban Nodes for Mbombela Local Municipality	Mr. J. Nkuna Tel No: 013 759 9254 Email: Jeff.Nkuna@mbombela.gov.za	R1 000 000.00	2017
Emalahleni Municipality	Planning of Urban Network and Development of Urban Nodes for Emalahleni Local Municipality	Ms. M. Makgalamele Tel No: 013 690 6720 Email:makgalemelem@emalahleni.gov.za	R500 000.00	2017

Our Contact Details



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 013 752 2915

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Thank You.