

MVD Kalahari



South Africa

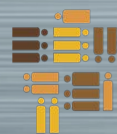
Northern Cape | Free State
Gauteng | Limpopo

Namibia

Windhoek
Khomas Region



Company Profile



The South African
Council *for* Planners
SACPLAN





Profile



MVD Kalahari is a leading multi-disciplinary consulting engineering, town and regional planning company based in South Africa with 52% black ownership and a Level 2 Contribution to B-BBEE, and more recently Windhoek, Namibia.

Mostert, van den Berg & de Leeuw was established in 1959 and underwent several partnership changes through the years thus known as MVD Kalahari in the Northern Cape, Gauteng, Free State, and Limpopo Provinces.

Today the company is comprised of a team of registered professional engineers who are backed by experienced technicians, draughtsman and administrative personnel. The latest computer technology enables the company to render a comprehensive service.

Having been in operation for over 60 years, the company has grown and matured within the changing South Africa context, delivering high quality products, underpinned by an ISO 9001 compliant quality management system.

Over the years, MVD has developed an in-depth understanding of the challenges of developing infrastructure in South Africa, more especially in the Northern Cape. This has contributed to placing us in a position of choice for the private and government sector - with proven experience and expertise to call on in response to varied challenging infrastructure demands and needs.

These services include civil and structural engineering, electrical engineering, town and regional planning services, designs and supervision all based on our core principles of sound knowledge, skills, professionalism, integrity, independent judgement as well as sympathetic considerations of the environment and the communities which we serve.



Management Message

MVD has been providing civil and structural engineering services to various public and private clients in South Africa and in recent years we have extended our services to include electrical engineering services and a town and regional planning division. With infrastructure being the backbone of the South African economy we find ourselves in a position to offer turnkey solutions for our clients.

Nonetheless MVD remains a company small enough to care but large enough to provide competitive, high quality, financially optimised and value-added solutions.

Notable projects over the years include the Medium Security Kimberley Prison, provision of internal services for 892 erven in Greenpoint, Kimberley, provision of civil services for 260 erven in Kuruman (in dolomitic land), preparation and approval of Frances Baard District Municipal Spatial Development Framework, and a layout for 7000 housing opportunities to be part of a viability and affordability report for a private client, Rustenburg.

At MVD we have a culture of employing suitably qualified staff irrespective of race, gender, culture or religion and to support these staff with in-house training, bursaries, advice and financial assistance to improve their expertise.

In association with other allied disciplines, clients and statutory bodies we promote the interests of staff, clients and associates with the goal of improving the quality of life of all South Africans by encouraging human resource development, social upliftment and human rights.

MVD Kalahari is committed to providing clients with quality and excellence - the MVD way - whether for smaller developments or large scale projects.

Andries Goliath

Director and Chairman





Directors

Andries Goliath is a Qualified Graduate Engineer with over 20 years' experience and has been working for MVD Kalahari since 2005. Andries became a Director in 2006 and has been the Chairperson of the Board of directors since 2010. He owns 31% of the Company and together with Mr Phepheng are the major shareholders of the Company.

His leadership roles and skills has been acknowledge in both the industry and clientele and he has been appointed as a Trustee in several Community Trusts and structures.

His experience covers a wide spectrum of aspects including the design of civil engineering services for new residential developments, reservoirs, pump stations, sewer treatment plants, and the design of oxidation ponds, bulk water supply systems and water reticulation networks. Andries managed the construction of several civil engineering projects in the Northern Cape, namely: roads and storm water, water and sewerage and bulk sewer and water networks as well as housing projects for Government and major Mining Houses.



Andries was the Chief Technical Officer (CTO) or Manager Technical Services for the Siyancuma Municipality in the Northern Cape till 2004 for 3½ years and was a Trainer at the Municipal Training Institute (MTI) jointly operated and funded by the Sol Plaatje Municipality and the COGHSTA Northern Cape for 5 years. Andries was Chairman of the CESA Northern Cape Branch from 2016 to 2019, and is currently serving as Ex-officio Member.



Dirk Potgieter is a Civil Engineering Technician and Director at MVD Kalahari.

Dirks' years of experience has allowed him to become pivotal in the design, draughting, cost analysis, documentation, site supervision and project management of our civil engineering projects. He has extensive experience gained working on numerous development projects including water supply, water reticulation networks, storage reservoirs, waste water treatment works, sewerage networks, ablution and toilet facilities, roads and storm water infrastructure, private and public buildings. He has worked for a wide range of clients including provincial, district and local municipalities as well as private developers.

He serves as SAICE Branch Committee Member.



Directors



Prodigy Phepheng is a Qualified Engineering Technologist. He became a Director in 2013 and is the youngest person to become a Director in MVD Kalahari.

He has been involved in the provision of civil and structural engineering services.

Most of Prodigy's experience was gained on the construction of the Kimberley Medium Security Prison. His experience includes preliminary and detailed design of road and storm water infrastructure, water and sewerage networks, water supply mains, water storage dams, waste transfer stations, buildings, sports grounds and landfill sites.

He is also experienced in the construction supervision of these projects and is an experienced Engineer's Representative having worked in Postmasburg, Kathu, Daniëlskuil, Kuruman and Kimberley. Prodigy serves as SAICE Branch Committee Member, Portfolio: Youth and Student Development.

Leon King is a B. Eng (Civil Engineering) (1980) graduate and a registered Professional Engineer (1984).

MVD Kalahari is a member of the SA Association of Consulting Engineers.

He is a Director at MVD Kalahari and brings more than 30 years of business experience in the engineering design, project management and construction industry.

Leon has experience in most aspects of civil engineering, but specialises in structural engineering, for the building industry – concrete, steel and timber structures, retaining walls, etc., for civil structures – reservoirs, bridges, pump stations, intake towers, sewerage works, etc.

Leon is a member of the SA Institute of Steel Construction, the Concrete Society of South Africa, and is registered with the SA Council of Engineering.





Directors

Petrus Oosthuizen, a qualified Graduate Engineer joined MVD Kalahari in 2006, and later became Director in 2012.

His experience covers a wide spectrum of aspects including the design of civil engineering services for new residential developments, reservoirs, pump stations, sewer treatment plants, and the design of steel structures.

Petrus managed the construction of several civil engineering projects in Botswana, namely: roads and storm water, water and sewerage and bulk earthworks.

He also represented the Department of Water Affairs on the committee for determining alternatives for the Lesotho-Highland Scheme.

The committee consisted of national as well as international consulting engineering firms with the objective of determining more accurate cost models to enable more accurate decision making when options were compared.



MVD Investment Namibia



Abner Ipinge joined the MVD team in 2022 and is a reputable businessman in the Petroleum Industry in Namibia and brings the necessary skills to ensure success to our business venture in Namibia.

Abner has a ND in Marketing with over 18 years' experience in the field, which includes marketing, quality assurance, industrial relations, multinational project supervision and supply chain optimisation.

He has a passion for excellence and his focus is on driving sustainable bottom-line growth through people engagement.



MANAGEMENT TEAM

Civil & Project Management

Andries Goliath
Dirk Potgieter
Prodigy Phepheng
Petrus Oosthuizen
Abner Ipinge

Town Planning

Encee Haarhoff

Structural

Leon King

Electrical & Mechanical

Hendrik Jonck

OUR VISION

To ensure that our employees are committed to Customer Satisfaction and Continuous Improvement with a goal of meeting or exceeding customer requirements and delivering solutions (products and services) on time.

Our Quality Vision ensures that we are:

- Customer focused;
- Quality driven; and
- Performance based.

CORE VALUES

To complement the Vision and Mission and build its own culture, MVD Kalahari has identified the following as its core values:

- Professionalism
- Integrity
- Efficiency
- Directorship
- Race and Gender Equity

These values form the corporate culture of MVD Kalahari.

MISSION STATEMENT

MVD Kalahari offers multi-disciplinary consulting engineering, town and regional planning services, designs and supervision based on sound knowledge, skills, professionalism, integrity, independent judgement and sympathetic considerations of the environment and the community whom they serve.

The professional approach of this Organization fully embraces the principals of quality by meeting the expressed and implied needs of our clients and stakeholders every time on time.

MVD Kalahari controls and conducts its business by means of a formalized system of modern quality management which is in accordance with the quality system requirements and recommendations specified by ISO.



Professional Services

ENVIRONMENT

ENVIRONMENTAL MANAGEMENT SERVICES

- Environmental Impact Assessments
- Legal Audits
- Pollution Studies and Designs
- Environmental Management & Plans
- Life Cycle Analysis
- Water Use License Applications

WASTE MANAGEMENT SERVICES

- Integrated Waste Management Plans
- Landfill Permit Applications
- Design Of Waste Disposal Facilities

CIVIL SERVICES

CIVIL AND DEVELOPMENT SERVICES

- Feasibility Studies
- Residential, Commercial and Industrial Infrastructure
- Bulk Supply and Outfall Infrastructure
- Water Sources
- Housing
- Irrigation Systems
- Sports and other Community Facilities
- Programme and Project Management.

WATER TREATMENT

WASTE WATER – SERVICES

- Process Design And Analysis: Water & Wastewater Treatment
- Design of new Water & Wastewater Plants
- Upgrading & Alteration
- Raw Water Abstraction
- Sludge Handling and Disposal
- Pump Stations



MVD Kalahari completed the full planning, design and construction of sewerage oxidation ponds and auxiliary works at Thembelihle Municipality, Strydenburg.



MVD Kalahari was also involved in the civil planning, design, water, sewerage, bulk water line and storm water piped at the New Hillcrest area along Queensway Road, Kimberley.



The complete civil service of the North Cape Mall, includes planning, designing, consulting with developer and construction contractor, earth works, storm pipes, sewerage, water, paving and roads are just a few tasks completed by MVD Kalahari Civil Engineers.



Professional Services

STRUCTURAL ENGINEERING

MVD Kalahari has been involved in multiple projects all over South Africa involving Structural Engineering.

The team within the structural department of MVD Kalahari have over 60 years of combined experience in the design, detailing and supervision of structures which include but not limited to –

- Commercial, Residential, Educational and Industrial Buildings
- Sport and Recreational Facilities
- Reservoirs, Water Towers and Pump Stations
- Water and Sewage Treatment Plants

Our team believes in creating projects that are within time, scope, and budget by combining the latest technology in structural analysis and CAD software with a practical approach based on our extensive experience and knowledge of the construction industry.

The structural department has attained a number of Fulton Awards for buildings up to R50 million and over R100 million in value –

- Sol Plaatje University Library Building 2017
- KleinJan Restaurant Building 2022



KleinJan Restaurant, Tswalu Game Reserve



The construction of the R 830m project for the Kimberley Medium Security Prison for 3000 inmates.

MVD Kalahari was responsible for the design and supervision of the earthwork platforms as well as the supervision of all the reinforced concrete structures of all the buildings.



MVD Kalahari was appointed as the Structural Engineers for the construction of a new Branch Court Building in Galeshewe, Kimberley. The project, comprised of a R43m complex.



MVD Kalahari was appointed as Structural Engineers on the R14m project to repair and renovate the Kimberley High Court.

The fast and easy “rib and block” structure, also designed and supervised by our Structural Engineer, is being used in many large and small private homes.



Professional Services

MEDICAL FACILITIES



A & E Resuscitation



Neo-Natal ICU



General Ward



Theatre

ELECTRICAL AND MECHANICAL SERVICES

- Transmission Services
- Design
- Project Management
- Site Services
- Electrical Electrification
- Electrical Sub-transmission: Design & Project Management
- Internal Wiring & Point Of Supply (Pos)
- Electrical Reticulation & Distribution: Refurbishment Plans
- Electrical Master Planning, Load Forecasting & Power System Analysis
- Industrial & Process

ELECTRICAL SERVICES

- Substation Design
- Power Line Design (up to 132kV)
- MV Reticulation & Electrification
- Power System Analysis & Master Planning
- Power System Audits
- Protection Coordination Studies
- Renewable Energy Studies
- Building Services (Electrical & Electronic)

MECHANICAL SERVICES

- Pump Installations
- Plumbing Installations
- Overhead Cranes



Adult / Paeds ICU



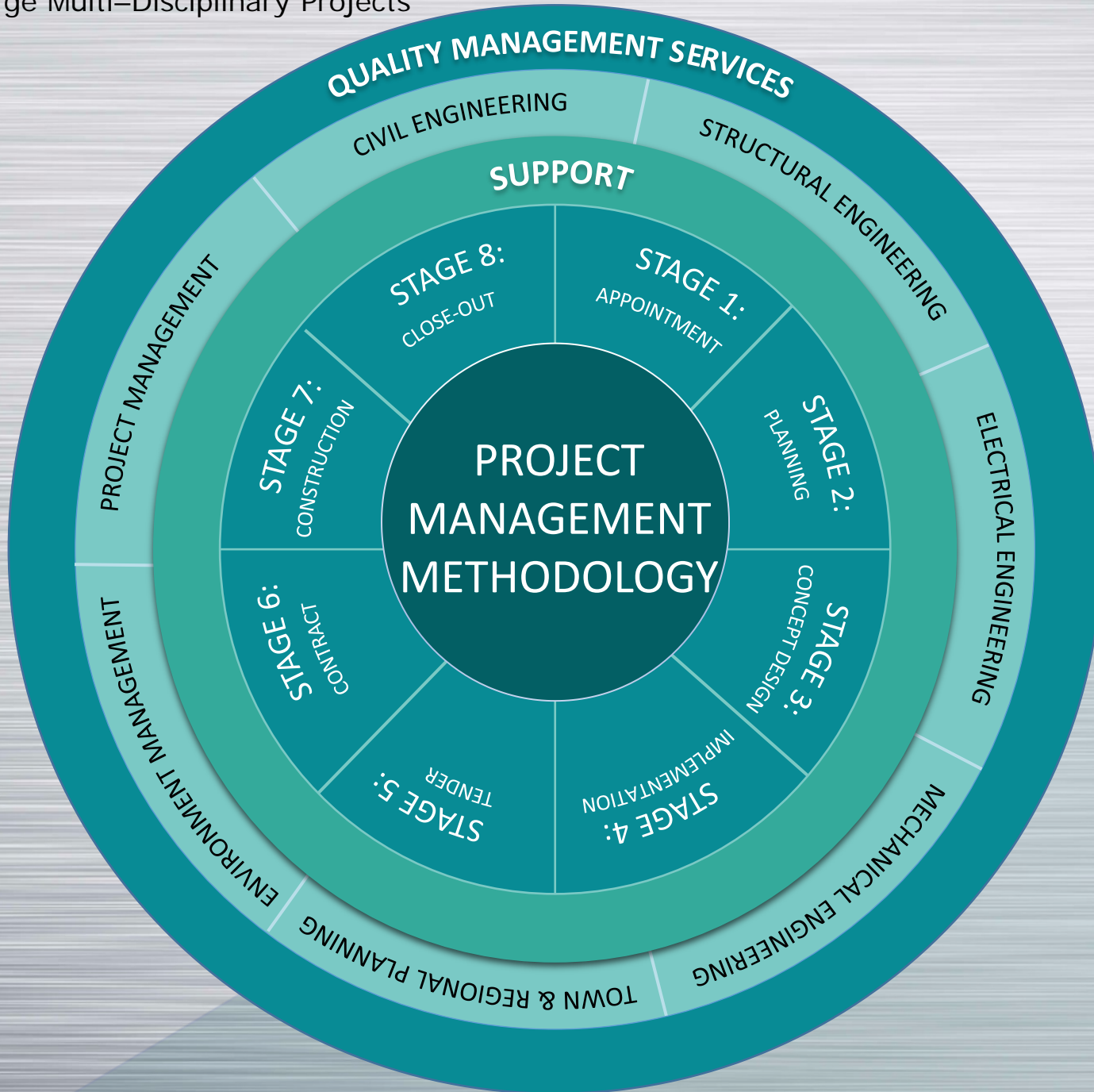
A & E Resuscitation



Professional Services

PROJECT MANAGEMENT

- Housing and Building Projects
- Infrastructure Development
- Large Multi-Disciplinary Projects



Greenpoint Pump Station



*Concrete Casting: Pump Station
Kuruman Housing Project*



Professional Services

SPORT FACILITIES



Pavilion at Tikwana Sports Facilities



*Netball Court,
RD Williams School, Prieska*



Athletics Track at Tikwana Sports Facilities

TRANSPORT

- Roads, Freeways, Main Roads, Streets
- Gravel Roads
- Pavements & Materials
- Rehabilitation
- Maintenance Management
- Geometric Designs
- Storm Water
- Material Testing
- Bridges
- Railway Lines
- Labour-intensive Road Projects



Stasie Street, Postmasburg



Gabion Cages, Kuruman

HOUSING PROJECTS



Kuruman



Uitkoms, Kathu



Postdene, Postmasburg



Rooisand, Kathu



Professional Services

TOWN AND REGIONAL PLANNING

OUR APPROACH TO DEVELOPMENT

- The facilitation of a vibrant development procedure to transform the peoples' everyday lives.
- Introduction of innovative and holistic planning principles during the planning process.
- A belief in a holistic participative and integrated planning approach to a project.
- The implementation of an underlying philosophy of capacity building, empowerment and participation.
- A belief in meaningful transformation by not only the sale of shares but also capacitating staff at all levels.
- A belief that the customer is the prime asset of a company.

Over the years, MVD Kalahari Town and Regional Planners have provided their professional planning and design services to an expansive range of clients and developers.

STRATEGIC SPATIAL PLANNING

- Sub-Regional Spatial Plans
- Urban Spatial Plans
- Detailed Precinct Plans

PLANNING ADMINISTRATION AND IMPLEMENTATION

Statutory Zoning and Land Use Management Schemes

The nature of this work is to indicate specific land use zones and regulations applicable thereto. The function of such regulations is to guide over density and coverage, height, floor area ratio, building lines, parking etc. Legal provisions guide the land use management procedure and include continuous amendment of planning schemes taking place according to more modern processes and guidelines. Land use Management Schemes for 8 Local Authorities have been prepared in terms of the latest relevant legislation.

LAYOUT, TOWNSHIP AND LAND DEVELOPMENT PLANS

The purpose of such a plan is to indicate in detail the land uses to be implemented by the public or private developer. Sufficient detail is shown to indicate the impact thereof on adjoining, existing or proposed development. The layouts refer to various categories as indicated below.

± 80 000 Erven in approximately 25 Local Authorities have been designed and approved by this company in the Karoo and Northern Cape. Valuable experience in community preferences, affordability levels and the impact of the format of the layout on engineering services were obtained.

We specialize in the following layout categories:

- Upgrading of Informal Settlements
- Integrated Housing Developments
- Holiday Resort Developments
- Planning of Eco-Estates



Professional Services

APPLICATIONS FOR REZONING, SUBDIVISION, DEPARTURES, REMOVAL OF RESTRICTIONS AND CONSENT USE

Preparation and submission of smaller applications for approval in order to amend land uses and to allow for the subdivision of land in terms of specific legislation. The statutory control of town and regional planning documents is part of this process and includes the administration thereof. The appearance before a council/court or tribunal of appeal is part thereof.

SPECIALISTS IN APPLICATIONS FOR RENEWABLE ENERGY RESOURCES

Institutional Support To Local Authorities

- Support to smaller Local Authorities on a continuous base with reference to town planning matters and management thereof within their institution;
- Various municipalities such as Kgatelopele, Siyancuma, Thembelihle, Siyathemba, etc. are included;
- Valuable experience and knowledge were obtained on the operation and the challenges experienced by Local Authorities.

Socio-economic Research and Monitoring

The MVD Kalahari Town Planning section provides a professional service in this regard including using socio-economic and business surveys to determine human needs and affordability levels and the housing backlog.

Project Implementer and Facilitator

Land Reform And Resettlement

This action refers to activities around land reform procedures with reference to land claims, land restitutions, resettlement and ancillary actions including advice to communities regarding processes and procedures and the resettlement.

Environmental Management

Environmental Management refers to the involvement in the process of integrated environmental management considerations during the planning of a project. The purpose thereof is to achieve maximum benefit to the client with minimal harm to the environment.

Evaluation of Development Proposals and Viability Studies

This type of work comprises the evaluation of development proposals from an economic, social and spatial perspective. Evaluation is aimed at the way in which money is spent on development in order to achieve maximum financial benefit.





COMMUNITY INVOLVEMENT

AQUALIBRIUM SCHOOLS WATER COMPETITION

Learners design, construct and operate a water distribution system, exactly the same way qualified civil engineers would do in a municipality.

Very few interventions or career days have the advantage of practically illustrating what a career is all about. This is an adventure that everybody remembers once they had been there to experience the excitement first-hand!

SAICE BRIDGE BUILDING COMPETITION

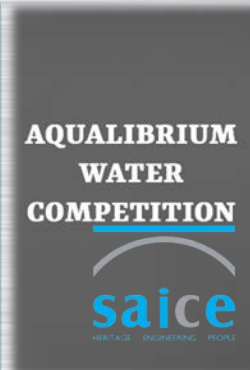
The bridge building competition forms an integral part of some schools' activities and is recognised on the same level as academic or sports achievements.

Because of its practical and hands-on nature, this event is SAICE's most successful initiative in attracting learners to civil engineering, as well as promoting a general awareness of the profession.

The importance of Maths and Science is emphasised throughout. The competition provides an ideal career guidance opportunity. It gives learners the opportunity to also build bridges between people, cultures and countries!

JOB SHADOWING FOR MATHS AND SCIENCE LEADERSHIP ACADEMY LEARNERS

The MSLA Grade 11 Job Shadowing Programme provides learners who are interested in the field of Engineering a chance to experience this career option first-hand, by interacting with our Engineers.



Company Profile



CONTACT US

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