

IDEAL

Project Consultants (Pty) Ltd

Civil | Electrical | Mechanical | Environmental

COMPANY **PROFILE**

2026

ABOUT US

COMPANY OVERVIEW

IDEAL Project Consultants is a premier Namibian engineering solutions provider specializing in sustainable infrastructure development projects. Originally founded in 2014 by a visionary engineer, IDEAL has rapidly evolved into an industry leader renowned for technical excellence and adherence to global quality standards.

Leveraging state-of-the-art technologies and proven methodologies, we deliver innovative, optimized and well-engineered solutions across civil, electrical, mechanical, petroleum and environmental engineering disciplines, enabling clients to achieve their most ambitious infrastructure goals.

COMPANY BACKGROUND AND VISION

IDEAL was founded with the vision to create an engineering firm focused on uplifting local communities across Namibia and the broader SADC region through best-in-class, sustainable infrastructure projects.

Today, our diverse team of experienced professionals, engineers and specialists bring this vision to life daily, united by shared nation-building objectives around service excellence, positive societal impact and enabling broad-based socio-economic progress.

Leveraging global collaborations, we develop infrastructure capabilities and deliver pioneering solutions that drive wider economic prosperity by meeting the country's most pressing developmental needs.

OUR MISSION AND VALUES

Our mission is to remain Namibia's most trusted engineering partner, with a growing global footprint driven by solutions that set new benchmarks in innovation, sustainability and technical sophistication.

This is enabled by our foundational commitment to:

- **I** **Innovation** - Pioneering smarter, optimized solutions for every challenge
- **D** **Dependability** - Building trust by delivering reliable and consistent results
- **E** **Excellence** - Exceeding the highest global standards of quality and precision
- **A** **Accountability** - Taking full ownership and responsibility for all results
- **L** **Leadership** - Leading our industry and empowering our team to succeed.

THE IDEAL TEAM

Our people constitute our strongest asset. IDEAL brings together Namibia's finest engineering talent including industry veterans, technical experts and academic leaders united by their shared nation-building values.



CAPABILITY STATEMENT



STRUCTURAL ENGINEERING

- Warehousing/distribution centres
- Industrial developments
- Residential developments (low-cost- to high-rise buildings)
- Office developments
- Commercial/retail centres
- Hospitals/healthcare
- Bridges and culverts
- Filling stations
- Mining structures.



CIVIL ENGINEERING

- Civil infrastructure master planning
- Roads and highway design
- Township Municipal services
- Stormwater management
- Earthworks design
- Traffic impact assessment and transportation studies
- Traffic signal design and optimisation
- Road network planning
- Geometric design
- Pavement design



ELECTRICAL ENGINEERING

- Petrochemical, power, process control and instrumentation systems
- Electrical hazardous areas
- PLC and SCADA systems
- Lightning protection and power earthing and surge protection systems
- Cathodic protection / corrosion control
- Synchronous and asynchronous AC and DC drives
- Overhead and underground low and medium voltage reticulation
- Flood, street and security lighting
- Fire detection and protection systems



MECHANICAL ENGINEERING

- Fluid flow systems
- Hydraulic analysis (reticulated systems)
- Piping and pipeline design
- Pump station design and control systems
- Pneumatic systems design
- Chemical dosing systems
- Heat load calculations
- Specialist equipment specifications
- 3D modeling of plants
- Storage tank design
- Thermal relief assessments of fuel depots
- Fuel additive injection systems
- Lubricant handling and storage
- Piping stress analysis
- Fixed and portable fire fighting



PETROLEUM ENGINEERING

- Reservoir Engineering Consulting
- Well Drilling and Completion Design
- Oil & Gas Processing Plant Design (Front-End Engineering Design)
- Piping and Pipeline Design (Relevant for process flow and transport)
- Enhanced Oil Recovery (EOR) Feasibility Studies: Designing and modeling advanced techniques like waterflooding, gas injection, or chemical injection to maximize hydrocarbon recovery.
- Well Integrity Management Systems (WIMS): Developing programs for the long-term monitoring, maintenance, and prevention of failures in wellbores and downhole equipment.
- Flow Assurance Studies: Analyzing pipeline transport conditions to prevent issues like hydrate formation, wax deposition, and corrosion, ensuring continuous flow.



ENVIRONMENTAL ENGINEERING

- Developing project brief
- Project, concept and feasibility planning
- Due diligence investigations
- Procurement, contract documentation and administration
- Project planning, coordination and control between employer, consultants and project stakeholders
- Project and programme management
- Project construction management and documentation

KEY PERSONNEL

IDEAL consists of an experienced and well-trained team of engineers, technologists, technicians and draughts people. Directors are actively involved in all projects, from concept to design and execution. Stringent measures are taken to ensure quality control throughout the design and implementation process.

In-house training programmes are used to ensure that the skills of technical staff are constantly improved and in line with the latest developments and computer applications. Attendance of courses to enhance knowledge and provide exposure to new technologies and industry best practice is ongoing. IDEAL supports skills development and further studies at tertiary and post-graduate levels through a bursary scheme for all staff members.

40 STAFF | **15** PERMANENT | **25** ASSOCIATES

Divisions	Structural	Civil	Electrical	Mechanical	Environment
All Employees	9	10	4	4	2
Professional Engineers	2	1	1	1	
Professional Technologist	2	1			
Professional Town Planner					1
Engineer	2	2	1		
Project Managers		1			
Technicians		2			
Draughts-Person	2	2	1	2	
Admin & Support	5				

DIRECTORS



Hopkins Sikabongo
Managing Director & Principal
HEAD: CIVIL/ TRANSPORTATION
15 Years experience
BTech (Civil) (Urban) PoN/NUST



Saara Sikabongo
Director & Principal Civil Engineer
HEAD: CIVIL/ WATER
10 Years experience
BTech (Civil) (Water) PoN/NUST



Abel Nyambe
Director & Principal Engineer & Geologist
HEAD: CIVIL/ STRUCTURAL
10 Years experience
BSc (Geology) UNAM
BSc Eng (Civil) UCT

ASSOCIATES

Dr. Fredrick Sikabongo
Environmental Specialist
33 Years experience
PhD Eng (Environmental)
Messy University NZ

Hartmut Dichtl
Mechanical Eng. Specialist
25 Years experience
MSc Eng (Mechanical)
University of Stellenbosch

Dr. Estime Mukandila
Pavement. Specialist
25 Years experience
PhD Eng (Civil)
University of Stellenbosch

Marthinus Snyman
Electrical Eng. Specialist
25 Years experience
MSc Eng (Electrical)
University of Stellenbosch

Lizett Retief
Traffic Eng. Specialist
20 Years experience
MSc Eng (Civil)
University of Cape Town

Frans Neshila
Townplan Specialist
15 Years experience
B Eng (Urban planning)
University of Cape Town

Dr. Herman Joubert
Transport Specialist
28 Years experience
PhD Eng (Civil)
University of Free State

Joagh Matsi
Project Management
18 Years experience
BSc Eng (Civil)
University of Cape Town

Dr. Engr. Joseph Adeoluwa Adetuberu
Petroleum Engineer, Oil & Gas Commercial Operations,
Gas Business, Trading,
Oil & Gas Negotiations





OUR PORTFOLIO

	Name of Project (SELECTED)	Name of assignment	Owner or Sponsoring agency	Discipline	Start Finish Date
1	Aus Town Trans-formation Project	Design and Supervision of services including infrastructural planning for Aus Town Transformation in preparation for hyphen green hydrogen project, steel manufacturing project, Oil and Gas projects, Salmon fish farm projects in and around Aus. 2000 Ervens.	Kharas Regional Council/ Sallient	Civil Electrical Mechanical Environmental	2024 ongoing
2	Victorial Falls Staff Housing Develop-ment	Design and Supervision for the construction of staff housing and associated infrastructures at Victoria Falls, Zimbabwe	Zim Parks/ KfW	Civil Structural Electrical	2024 ongoing
3	Water Supply Study for the town of Lüderitz and Aus	Water supply study for the provision of water to Lüderitz, Aus and surrounding settlements from Hyphen green hydrogen desalination plant, Neute Dam, Koichab River and underground sources.	NamWater/ Kharas Regional Council	Civil Electrical Mechanical Environmental	2024 2025
4	22Km Game Proof Fence and 22Km access roads	Design and Supervision for the Construction of 22Km game proof fence and adjacent graded roads in Pandamatenga, Botswana	KAZA/KfW	Civil Electrical Environmental	2024 Ongoing
5	Canine Unit Kannels	Design and Supervision for the Construction of Canine Houses at Kasane Anti-Poaching Unit in Kasane, Botswana	KAZA/KfW	Civil Electrical Mechanical Environmental	2024 Ongoing
6	China Aided Four Rural Schools in Zambezi and Kavango Regions	Design and Supervision for the construction of Liselo Com-bined School and Masokotwane Combined School in Zambezi region.	MoEAC/GCIGC/ NPC	Civil Electrical Mechanical Environmental	2023 2024
7	Zambezi Prestige Extension One	Design and Construction for servicing Interlocked Roads, Sewer, Water, Stormwater and Electricity and development on 480 erven in Katima Mulilo.	ZRPExt1, Katina Mulilo Town Council	Civil Structural Electrical Mechanical	2023 Ongoing
8	Oranjemund Services	Design and Supervision for Oranjemund Extension 6 – Bitumen Roads, Sewer, Water, Stormwater and Electricity	Oranjemund Town Council	Civil Electrical Mechanical	2023 2025
9	NMT Roads in Ondangwa	Design for NMT surfaced roads in Ondangwa	MoWT/ Ondangwa Town Council	Civil	2022 2024
10	NMT Roads in Tsumeb	Design for NMT surfaced roads in Tsumeb	MoWT/ Tsumeb Munic-ipality	Civil	2022 2024
11	Oranjemund Services	Design and Supervision for the construction of Bulk Water Supply to Oranjemund GM Reservoirs.	Oranjemund Town Council	Civil	2023 2024
12	NMT Roads in Okahao	Design for NMT surfaced roads in Okahao	GIZ/ Okahao Town Council	Civil	2022 2023
13	NMT Roads in Helao Nafidi	Design for NMT interlocked paved roads in Helao Nafidi	GIZ/ Helao Nafidi Town Council	Civil	2022 2023
14	NMT Roads (Northern Wind-hoek) – phase 1A	Design ad Documentation of NMT Roads (Northern Windhoek) – phase 1A	MoWT	Civil	2022 2022
15	Katima Mulilo Treatment works	Feasibility study for Katima Mulilo Water and Waste Water Treatment plants	China CECC/ Katima Mulilo Town Council	Civil	2020 2020
16	Construction of services in Aus	Design and Supervision for Sewer, Water, Water, Roads and Electrical Services in Aus Phase 1-3	//Kharas Regional Council	Civil Electrical Mechanical	2019 2022








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17	B1 Bridge, Windhoek South	Design and documentation for 85m long pre-stressed concrete pedestrian bridge along B1 highway, South of Dortmund in Windhoek	CoW	Civil Structural Electrical	2021 2021
18	Traffic study for 20 intersection upgrades	Traffic study for CoW for intersection upgrade at 20 signalized and non-signalized intersections in Windhoek	CoW	Civil Structural Electrical	2021 2021
19	Katima Mulilo Treatment works	Feasibility study for Katima Mulilo Water and Waste Water Treatment plants	China CECC/ Katima Mulilo Town Council	Civil	2020 2020
20	Construction of services in Aus	Design and Supervision for Sewer, Water, Water, Roads and Electrical Services in Aus Phase 1-3	//Kharas Regional Council	Civil	2019 2022
21	Katima Mulilo Services	Detailed Design and Documentation of Sewer and Water services in Choto, Lwayaha and New Cowboy areas in Katima Mulilo	K&P/ Katima Mulilo Town Council	Civil	2019 2021
22	Mangetti National Park Infrastructural Development	Detailed Design, Documentation and Contract administration for the Construction of access Roads, electricity, Sewer Water and storm water at Mangetti National Park	KAZA -TFCA, Ministry of Environment and Tourism Namibia, PPF, KfW	Civil Structural Electrical Mechanical Environmental	2018 2020
23	Evululuko Development	Detailed Design and Documentation and Contract administration for the Construction of Roads and Parking area at Evululuko Oshakati, evululuko mall	Kalahari Holdings	Structural Electrical Mechanical	2018 2020
24	Sidadi Shopping Mall	Design and documentation for SIDADI Shopping Mall – Khorixas	RED Investment Holdings	Structural Electrical	2016 2017
25	Crocodile Restraining Fence (CRF) project	Design and Supervision for Crocodile Restraining fencing – Kavango and Zambezi regional rivers	Ministry of Environment and Tourism, KfW	Civil	2015 2016
26	Sangwali Bridge	Design and Supervision for the Construction of River Crossing Bridge and roads works at Sangwali, Nkansa Rupara National Park, Zambezi Region	Ministry of Environment and Tourism, NAMPARKS, KfW	Civil	2015 2016
27	Structural Analyses for various existing structures	Design and Drawings, Cracks analysis, defect studies and remedial design proposal and reports for various single and multi-storey house in Namibia	Varies	Structural	Ongoing

IT RESOURCES

Software	Version	Quantity
Civil 3D+iDAS	v2025	6
Revert Structures	v2025	2
Caddie	25	2
AutoCAD	v2025	6
InfraWorks	v2025	1
Prokon	V5.3	3
PTV VISSIM	2025	4
PTV VISUM	2025	4

AFFILIATIONS

List of affiliated companies;

- Integral Environmental Engineering Consultants
- iX Engineers
- BuRo





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