



Let there be Light in South Africa

Business Profile

100% Black Woman Owned Electrical & Civil Engineering Consultants registered with the Engineering Council of South Africa (ECSA), We guarantee professional work, excellent service and quality products.

Nombulelo Gwarube

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Background

Likhanye Consulting Engineers (LCE) is 100% black woman owned electrical engineering consulting business that was established in 2012. Based in East London South Africa, the business renders professional and construction services. It provides expertise in planning, design, commissioning, testing, electrical construction and project management for utility, industrial electrical projects and renewable energy projects.

Ownership

The owner of the company is Nombulelo Gwarube born in Butterworth, Eastern Cape and has a satellite office in Butterworth Mission Location. We have started our operations in 2016 and have been operating for six years now.

The company takes great pride in participating in projects that build and improve communities. Its interdisciplinary experience provides a solid foundation to participate in developing tomorrow's infrastructure. LCE is well accustomed to handle both small and large projects of a complex nature. The company covers all phases of a project cycle; from the earliest pre-investment and feasibility studies, planning and design, tendering and construction, supervision, project close out, operations and maintenance. We are adding value to Eastern Cape Province and would like to work in other provinces as well. As a Black Women Owned enterprise we are faced with challenges of discrimination against women, lack of recognition and prioritization this impacts our business negatively. The corruption and injustice is killing LCE as we hold on to our business principles and ethics of doing clean business.

Vision

To provide advisory, engineering consultancy and construction services for infrastructure projects in South Africa and beyond.

Mission

LCE is committed to providing its clients with excellent service and improving the quality of life for all South Africans, in particular the disadvantaged communities. Our focus is on being one of the most reputable service providers in this country. This we can achieve by ensuring that our clients' needs are always met by rendering good quality services.

Values

Our core values are:

- Integrity
- Innovation
- Excellence
- Confidence
- Creativity
- Customer Satisfaction

We achieve this by:

- Continuously improving our processes for service delivery
- Keeping promises to our stakeholders
- Being honest in all our dealings
- Solving problems together
- Understanding and respecting others cultures

Field of Expertise

Likhanye Engineering Consultants has the following expertise:

- **Renewable Energy Project – Solar and Wind Energy**
- **Reticulation and Electrification Design** – design of new or upgrading existing electrical infrastructure for suburban or rural networks and large buildings, civil works designs.
- **Electrical Construction** – Construction of MV & LV Networks, house connections, building wiring (issue CoC) and installation of high mast lights, streetlights, Minor and Major works services and electrical infrastructure maintenance. Installation of Solar Panels and Mini Grids.
- **Project Management Services** – assist utilities implement large capital projects looking at expanding or refurbishing and major maintenance
- **Civil & Structural Designs**
- **Clerk of Works Services:** building, civil and electrical projects.
- **Protection and Metering Design:** design capabilities on all metering and protection devices from the basic engineering phase to the detail design of schematic drawings, cable schedules, relay logics and protection setting files.
- **Substation and Line Design** – design of new or upgrading of existing high and medium voltage substations and lines.
- **Supply and delivery of Pipe System for Water, Sewerage, Electrical Machinery and Industrial Applications.**
- **Plant & Equipment Hire**

Products and services

LEC offers the following products and services within its area of expertise:

Network Planning

- Master planning
- Network development planning
- Long term load forecasting

Reticulation Design

- Rural and Urban electrification design
- Building reticulation and refurbishment
- Building Services.

Primary Plant Design

- High and medium voltage substation design
- High voltage line design

Project Management of substations, schools & clinics, minor works, electrification, strengthening, refurbishment and reliability projects.

- LEC offers project management and on-site supervision capabilities for any type of project, especially where we are responsible for detail design of such projects. This allows our engineers to ensure that required standards and quality is maintained during the construction / implementation phases of the project, given the budget and schedule constraints.

Protection Design

- HV, MV & LV protection scheme
- All types of electrical equipment protection
- Detail Schematic Drawing and Wiring Schedule

Electrical Construction Works

- MV & LV electrical network construction
- Installation of Street Lighting and High Masts.
- Building Wiring Services

Renewable Energy Services

- Development of Technical Engineering Designs
- Project Managements Services
- Social Facilitation
- Solar Panels, IPP's and Mini Grids

List of Plant & Equipment

Description	Quantity
GRADER	2
ROLLER (SMOOTH)	1
ROLLER (PADFOOT)	1
WATERCART 16000lt	1
WATERCART 10000lt	1
CRANE TRUCK	8
4 TON SIDE DROP TRUCK	1
4 TON SIDE DROP TRUCK	1
DOZER	1
4 TON SIDE DROP TRUCK	1
8 TON SIDE DROP TRUCK	1
LOWBED	1
EXCAVATOR	2
10m ³ MERC Tipper Truck	8

Company Experience

Some of the projects into which the professionals and construction teams of LCE were involved are listed below.

Project Name	Role/Responsibility	Fees	Name Of Client/ Contact	Project Status
Elundini 22kV Link Line	Project Management Services	R55 677.00	Eskom H. Blane 043 703 2111	Complete
Elundini Phase 3 2015/16 Electrification	Project Management Services	R262 400.00	Eskom H. Blane 043 703 2111	Complete
Mavuso 2015/16 Electrification	Project Management Services	R55 677.00	Eskom H. Blane 043 703 2111	Complete
Mnquma Wards Extension 2018/19 Electrification	Professional Engineering Services (Electrical)	R536 200.00	Eskom B. Moumakwa 043 703 2518	Complete
Clerk of Works Services for Minor Works Clerk Programme in the ECOU	Clerk of Works Services	R331 783.75	Eskom 15. Swingburn 043 703 2170	Complete
Adelaide Town Highmast & Streetlights Maintenance	Maintenance Services	R504 228.76	Boston Ink Philani 033 346 0354 072 157 2331	Complete
Amacwera D1 2017/2018 Rural Electrification	Professional Engineering Services (Electrical)	R400 032.00	Eskom B. Moumakwa 043 703 2618	Complete
Tsolo Minor Works	Clerk of Works Services	R282 000.00	Sawe Consulting Q. Koopman 043 726 0074 079 980 4770	Complete
Zithulele Substation Indoor Switchgear Replacement	Project Management & Clerk of Works Services	R837 000.00	Eskom Z. Hlanjwa 043 703 2720	Complete
Maxesibeni 15/16 Rural Electrification	Clerk of Works Services	R236 000.00	Eskom M. Jikijela 043 703 2769	Complete
Emalahleni 15/16 Rural Electrification	Clerk of Works Services	R141 000.00	Eskom F. Mngqoyi 043 703 2111	Complete
Upperblinkwater Mini Grid Electrification Project	Social Facilitation	R171 000.00	Eyabantu N. Burger 043 726 2726	Complete
Manaleni Water Supply Electrification	Professional Engineers & Contractor	R868 780.13	Gilgal Mr M. Mrwetyana 043 722 0510	On Hold

Oversight conduct, facilitation, and training for a Hybrid Mini Grid in Upperblinkwater	Project Manager/ Professional Engineering Services	R2672082.50	DEDEAT Mr A. McMaster 043 605 7262	Complete
Fort Beaufort Electrification	Design, Construct and Project Management Services	R 2806 414.05	RMLM - Ms F. Dandala 046 645 7411	Onhold
River Bank IPP (Peddie Turn In Line and Substation Upgrade with associated projects)	Project Management Services	R 1 937644.00	Eskom - Ms Claire Tredoux 081743 1116	Complete
Mankwantini 2021/2022 Electrification	Professional Services	R112 992,00	Eskom - Mr Ntaka 043 703 2508	In Progress
Komga Bulk Electrical Infrastructure Project	Professional Services	R907 171.75	OTP - Mr Nakampe 072 177 9885	In Progress
Ingquza Hill 3,5km Link Line	Electrical Construction	R908 388.41	Eskom - Mr Socosa 072 555 1892	In Progress
Kouga Extensions Electrification	Electrical Construction	R 2 471 480.07	Eskom - Mr Maswana 081 505 9096	Complete
Ingquza Hill Extensions 22/23 Cluster I	Electrical Construction	R 3 132 559.00	Eskom - Mr Socosa 072 555 1892	In progress

Current Contracts

We are currently working on the following projects:

Description	Client	Duration
Electrification Field Data Capturing (GPS Contract)	Eskom ECOU	15 February 2019 to 28 February 2023
Minor Works Services (Electrical Construction)	Eskom ECOU	15 March 2022 to 14 March 2025
Professional Engineering Services (NED)	Eskom ECOU	15 July 2019 to February 2023
THE PROVISION OF SUPPORT SERVICES FOR MINIGRID TECHNICAL OVERSIGHT AND ADVISORY SERVICES	DEDEAT	01 September 2021 20 to 31 August 2024
MV/LV Maintenance Service	Eskom ECOU	07 November 2022 to 6 November 2025
Komga Electrical Infrastructure Upgrade	Great Kei Local Municipality	March 2021 to March 2023
Riverbank IPP (Wesley Ciskei)	Eskom	March 2020 – 30 November 2021

Social Responsibility Programmes

At LCE we have an exciting experiential training programme for Practical Experiential Training (P1 and P2). Working with institutions of higher learning, our programme prepares young and inexperienced students to acquire their qualifications (National Diploma) and for the world of work.

To date, we have worked with the Walter Sisulu University and trained eleven (11) students who then graduated in the current year. We have also partnered with Myganet Training Centre, Yekani Manufacturing, BCMM, Innovit Consulting and Eyabantu for the student's skills development and learning, exposing them to different electrical expertise.

We currently have 2 University Students that we are training.

Partnership

We have partners in the consulting field that we join forces with to deliver projects of larger scale.

Legal status and compliance

COMPANY REGISTRATION DETAILS

Registered Name:	Likhanye Consulting Engineers (Pty) Ltd
Registration Number:	2012/004340/07
Income Tax Number:	9020388220
Vat Number:	4400279404
PAYE:	7300798628
COIDA:	990001090801
Years of Operation:	6 years
Number of Women in Ownership:	One
Women Employed:	Three
Total Number of Employees	14

PROFESSIONAL REGISTRATION AND AFFILIATIONS

LCE director and engineers are affiliated to the Engineering Council of South Africa (ECSA).

Indemnity insurance - RIOM cover from Indwe Risk Management

BBBEE EMPOWERMENT STATUS

LCE is a level 1 contributor.

Status: Exempt Micro Enterprise

Black Ownership: 100%

Woman Ownership: 100%

BBBEE procurement recognition: 135%

CIDB Grade: PE 3 EP

COMPANY ACCOUNTANTS

Company: Liedon Chartered Accountants (SA)

Address: 118 Vincent Road

Vincent Heights

East London

5241

Contact Number: (043) 726 3673

Contact information

Contact Person: Nombulelo Gwarube

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Postal Address: 21 Pell Street

Beacon Bay

East London

5241

Conclusion

Likhanye Consulting Engineers is progressively growing and delivered several projects in the Eastern Cape. The company contributes to the economy of South Africa and as far training and development of university students thus reducing the number of unemployed South Africans. With the experience gained thus far we are confident to successfully execute projects in other provinces and beyond South Africa. We currently working on renewable energy technologies to assist government to curb or reduce load shedding challenges.