

POWERDEED ENGINEERING SERVICES

*Electrical Installation, CCTV, TV, Power
Back-Up, Automation, Access Control, Fire*

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ABOUT US

INTRODUCTION

Powerdeed Engineering Services is an electrical engineering business based in Nyeri town. It is involved in electrical engineering services including electrical installations such as lighting and power provisions in buildings and other premises. It also has capacity for installation of fire and intruder alarm systems, TV and CCTV systems, stand-by generators, structured cabling and repair and maintenance of electrical installations, machines and appliances.

HISTORY/EXPERIENCE

Powerdeed Engineering Services was registered as a Sole Proprietorship by the Registrar of Companies in the year 2014. The initial office of the firm was located at Park Road, Ngara Section in Nairobi City.

The proprietor's initial intention was to establish an electrical engineering business to carry out electrical installation work.

Apart from being registered by the Registrar of Companies, the business also got its first registration by then Energy Regulatory Commission and the National Construction Authority in the year 2014.

In the year 2018, the business was relocated to Nyeri town where it is currently housed at Wakiawa House.

Since getting started, the business has struggled to get a foothold in the electrical installation area. There was only one job acquired in the first two years. In general terms, there have been up and down treads in acquiring jobs. However, the business has in overall terms grown both in work volume and experience.

During the five years that the business has been in existence, it has handled about fifteen (15) installation work projects and some maintenance works. Most of these projects have been small works involving residential houses.

SERVICES

Powerdeed Engineering Services has capacity to undertake electrical services for both public sector and private customers in commercial, domestic and industrial markets. The electrical services include design, supply, installation, testing, commissioning and maintenance.

The business places importance on having good relationships with clients; private or commercial, and takes pride on its ability to respond to work requests of varied descriptions in the electrical engineering space.

A breakdown of services offered by the business is as follows-:

ELECTRICAL INSTALLATION

- Wiring for lighting points and power points. Installation of lighting fixtures and accessories such as wall switches, socket outlets, double pole switches, isolators, TV socket outlets. Also installation of switch gear including consumer units, distribution boards, switch boards, MCBs, earthing, lighting arresting systems including fixing of copper tapes and arrestors.

ALARM SYSTEMS

- Wiring for fire alarm systems and installation of fire alarm control panels, manual call points, smoke detectors, heat detectors, sounders, beacons, siren/flasher units.
- Wiring for intruder alarm systems and fixing of magnetic contacts, motion detectors, keypads, vibration sensors and panic buttons.

STAND-BY GENERATORS

- Load assessment for generator capacity, installation of generating systems including generator sets, cabling, automatic mains failure control panels and fuel delivery systems.

POWER BACKUP SYSTEMS

- Installation of inverter chargers, battery banks and associated wiring.

SOLAR POWER SYSTEMS

- Design and Installation of domestic, institutional and commercial solar power generation and distribution systems. This includes specification of related components such as solar panels, inverters, batteries, charge controllers and cables
- Maintenance and repair of installed solar systems

INSTALLATION AND MAINTENANCE OF OTHER ELECTRICAL MACHINES AND APPLIANCES

Powerdeed Engineering Services has the capacity to install and maintain many types of electrical machines and appliances. These include motors and industrial control devices.

MISSION STATEMENT

Powerdeed Engineering Services undertakes to offer services marked with professionalism, good workmanship and quality and ethical practices with safety being safe guarded and reliability seen in the end product. The business seeks to achieve customer satisfaction by being keen to have the customer benefit from latest available technologies while also being mindful not to stretch expenditure unnecessary.

CORE VALUES

- ✓ Integrity.
- ✓ Responsibility.
- ✓ Reliability.
- ✓ Commitment.
- ✓ Open-mindedness.
- ✓ Efficiency.
- ✓ Professionalism.
- ✓ Timeliness.
- ✓ Customer satisfaction.
- ✓ Good quality.
- ✓ Prudent use of resources.

CERTIFICATIONS AND LICENSES

Form BNS

0.31

REPUBLIC OF KENYA



THE REGISTRATION OF BUSINESS NAMES ACT
(CAP. 109, SECTION 14(2))

CERTIFICATE OF REGISTRATION OF A CHANGE OF PARTICULARS

I hereby CERTIFY that a change of particulars has this day been registered in the Register of Business Names in respect of the Business name of

POWERDEED ENGINEERING SERVICES

Which business name was originally registered under the provisions of the Registration of Business Names Act on the 16TH day of JUNE, 2014 under Business Registration Number BN/2014/292569

Consequent on the registration of such change in particulars :-

ALFRED WANGONDU KURIA,

Is/Are now registered as carrying on business at PLOT NO 209/35306 against PARKROAD under the said business name (of POWERDEED ENGINEERING SERVICES).

Given under my hand at NAIROBI this 01ST day of JULY, 2015


ASSISTANT REGISTRAR



NATIONAL CONSTRUCTION
AUTHORITY
ISO 9001:2015 Certified

Certificate of Registration

Pursuant to the National Construction Authority Act No. 41 of 2011, and Regulation No. 7 of 2014;
I hereby certify that

M/S Grounded Engineering Services

has been duly registered as a **ELECTRICAL ENGINEERING SERVICES** Contractor

Category **NCA7 - Electrical Installation; Generating plants and Control Panels;**

Reg. No **13025/E/1014**

Date of Issue: **16/7/2020**

Valid Until **June 30th 2022**

SERIAL No. **347062**

Registrar of Contractors



**THIS CERTIFICATE MUST BE ACCOMPANIED
BY A VALID ANNUAL PRACTISING LICENSE**

KCB PLAZA, 10th Floor, Kenya Road, Upper Hill Road
P.O.Box 21046 - 00100, Nairobi Kenya
Tel: 254 20 2712096, +254 20 2712098, +254 20 2712099
Email: info@nca.go.ke

Issued under the Seal of the Authority



Contractor Annual Practicing License

Pursuant to the National Construction Authority Act No. 41 of 2011, and Regulation No. 7 of 2014;
I hereby certify that

M/S Conventual Engineering Services

is duly registered as ELECTRICAL ENGINEERING SERVICE CONTRACTOR

Category NCA7

Reg. No 13025/NE/1014

Date of Issue: 16/7/2020

This license is awarded for a period of ONE(1) YEAR starting 1/7/2020 and ending 30/6/2021

Registrar of Contractors



SERIAL No. 347062

This license is not transferrable and must be available for inspection at the registered office of the contractor

PROJECTS AND CLIENTS

PROJECTS HANDLED-STATUS AS AT 04-03-2021

ITEM NO.	NAME OR DESCRIPTION OF PROJECT	CONTRACT/PAID AMOUNT (KSH)	CLIENT/MAIN CONTRACTOR	COMMENCEMENT DATE	COMPLETION DATE/REMARKS
1	Commercial Development in Nyeri at Skuta in Nyeri County	130,000/=	Mr. Philip Kimani - Client	2015	Removed after disagreement over payment
2	New Canopy and Other Works at Kenol Fuel Station at Bungoma Town	300,000/=	Hez Construction	2016	2016
3	Electrical Works to Office Block at Kenol Fuel Station at Bungoma Town	324,000/= Paid=250,000/=	Hez Construction	2016	2017
4	Water Tank Library at Muthuini Pri. School in Nyeri County	43,725/-	Boslika Construction Co. Ltd.	April, 2017	May, 2017
5	Electrical Works to Installation of Block Making Machine at King'ong'o in Nyeri County	62,000/-	Boslika Construction Co. Ltd.	June, 2017	
6	Installation of Instant Water Heater at Michuki Technical Training Institute	18,000/=	Michuki Technical Training Institute	June, 2017	June, 2017
7	Proposed Car Service Facility – Electrical Works	Total amount paid 100,924/=	Boslika Construction Co. Ltd.	July, 2017	Practical completion achieved
8	Electrical Works at Residential Development at Gamerock – Nyeri County	283,650/=	Mr. John Bosco Muinde	March, 2018	On-going
9	Electrical Works at Residential Development at Gamerock – Nyeri county	50,000/=	Mr. Alfred Gathu Mwangi	July, 2018	Work not complete
10	Electrical Works to Proposed Residential Development at Karen	1,005,000/= - Paid	Boslika Construction Co. Ltd.	March, 2019	Work not complete
11	Electrical Works at Residential Development at Muruguru – Nyeri County	45,000/=	Mr. James Nderi	December, 2018	Completed

PROJECTS AND CLIENTS

PROJECTS HANDLED-STATUS AS AT 04-03-2021(CONTINUED)

ITEM NO.	NAME OR DESCRIPTION OF PROJECT	CONTRACT/PAID AMOUNT (KSH)	CLIENT/MAIN CONTRACTOR	COMMENCEMENT DATE	COMPLETION DATE/REMARKS
12	Electrical Works at Residential Development at Muruguru – Nyeri County	45,000/=	Mr. James Nderi	December, 2018	Completed
13	Erection of Lightning arrestors at KCB-Gigiri	185,000/=	Sub-Contractor to Hez Construction		Completed
14	Improvement of Earth Electrode Resistance for Lightning Protection at KCB-Gigiri	32,000/=	Sub-Contractor to Hez Construction	February, 2019	Completed
15	Electrical Works to Washrooms Extension at Nanyuki Sports Club	31,000/= (approx. paid)	Sub-Contractor to Boslika Construction Co. Ltd.		Completed
16	Electrical Works at Residential Development at Muruguru – Nyeri County	Original quotation- 46,180/=	Eng. Boniface Karobia	December, 2018	Work not complete
17	Electrical Repairs and Additions at Sukari Service Station	Paid - 85,000/=	Mr. Kimani	2019	
18	Installation of a Lightning Arresting System at KCB-Kisumu	377,200/=	Sub-Contractor to Hez Construction	2019	
19	Residential house at Kanyagia, Nyeri county		Mr. Duncan Z.S. Mwangi Gachoka		2023
20	Petrol station at Endarasha Nyeri county. Electrical works		Mr. Joseph Wambugu		

21	Petrol station at Endarasha Nyeri county. Stand-by generator installation		Mr. Joseph Wambugu		
22	Ngala Medical Complex refurbishment. Electrical works		MS. Boslika Construction Company LTD.		
23	Residential house at Chaka, Nyeri county	20,000/= paid to date	Mr. Alfred Gathu Mwangi	2023	ongoing
24	Residential house at Marula Lane, Karen for Dr. and Mrs. Mutio	1,197,496.15/=	Dr. and Mrs. Mutio		2024

TOOLS AND EQUIPMENTS

LIST OF TOOLS

MEASURING AND TESTING INSTRUMENTS

<u>NO.</u>	<u>NAME/DESCRIPTION</u>	<u>QUANTITY</u>
1.	Earth loop Impedance Tester	1No.
2.	Earth Electrode Resistance Tester	1No.
3.	Insulation Resistance Tester	1No.
4.	Multimeter	1No.
5.	Clamp Meter (Tong Tester)	1No.
6.	Phase Sequence Meter	1No.

OTHER EQUIPMENT AND TOOLS

<u>NO.</u>	<u>NAME/DESCRIPTION</u>	<u>QUANTITY</u>
1.	Ladder	1No.
2.	Wire Stripper	1No.
3.	Pliers	2No.
4.	Side cutter	1No.
5.	Measuring Tape	1No.
6.	Pipe Wrench (18")	1No.
7.	Spanners (Combination; assorted sizes)	12No.
8.	Screw Drivers	1No.
9.	Steel Draw Tape	1No.
10.	Lap top Computer	1No.
11.	Desktop Computer	1No.
12.	Drilling Machines	2No.
13.	Masonry hammers	2No.
14.	Masonry chisels	3No.
15.	Wood chisel	1No.
16.	Soldering gun	1No.
17.	Drill bits	2No.

18. Ball-peen hammer	1No.
19. Steel rule	1No.
20. Locking pliers	1No.
21. Wire stripper	1No.

STAFFING

1. Proprietor/Engineer:

Eng. Alfred Wang'ondu Kuria

- A holder of a BSc. degree in Electrical Engineering from the University of Nairobi, Registered by the Engineer's Board of Kenya as a professional engineer and a member of the Institution of Engineers of Kenya. He is a trained electrical engineer with over 33 years' experience in many aspects of electrical engineering gained while in employment by the government and in other engagements. He is also a holder of a Class A1 electrician license from the Energy and Petroleum Regulatory Authority

2. Technical Assistant

Charles Ngatia

- Trained and successfully completed a course for a Diploma in Electrical and Electronic Engineering (power option). Awaiting graduation.

3. Office Assistant and ICT Personnel

Sarah Wang'ondu

- Trained and completed a Certificate Course in Business Information Technology at Kirinyaga University.
- Trained and completed a Diploma course in ICT at the Nyeri National Polytechnic.

4. Team:

need basis.

- The proprietor is in contact with many technically trained individuals who are engaged on

ENTERPRISE DETAILS

Name: Powerdeed Engineering Services
Year Establish: 2014
Type of Business: Engineering Services
Head Office: Wakiawa House in Nyeri Town
Postal Address: P.O. Box 2674
Post Code: 10140
Telephone Number: +254 722 316 721
Email: powerdeedes@yahoo.com