**Kgobalale Projects**

**WHO WE ARE**

Established in 2013, Kgobalale Projects (Pty) Ltd. is based in Sunninghill, Johannesburg, South Africa.

Kgobalale Projects specialises in electrical and mechanical services in the residential, commercial and industrial sectors.

We have extensive experience in projects with a value of works contracts. We believe that promoting our business is developing good working relationships with our clients. To this end, we aim to provide high-quality workmanship, on time and within budget. We endeavour to earn the trust and confidence of our clients by being reliable and transparent. Our reliability and excellence have gained us a good reputation and have resulted in repeat business from many satisfied clients.

We are committed to quality, health & safety, training and environmental issues. We review and continually improve our practices, to drive improvements in environmental, health, safety, and security excellence in all our projects.

**MISSION STATEMENT**

Our mission is to give our customers satisfaction in all our services. We obtain complete customer specifications and job requirements at the time of the quotation or tender, before the commencement of the contract or work order.

**OUR OBJECTIVES**

Create a service that aims to meet and exceed customers’ expectations with quality products and workmanship.  
  
Continue to establish as a reliable leader in the highest quality workmanship.  
Maintain excellence in workmanship and relations with our present and future clients.

**OUR SERVICES**

* Electrical Installations
* Electrical Maintenance
* HVAC systems
* Fault Finding
* Testing
* Rooting
* Solar and Battery Backup Solutions
* Instrumentation
* High Voltage and Substations
* Certificates of Compliance

**ELECTRICAL INSTALLATIONS**

The fixed electrical installation is the electrical wiring, electrical machinery and electrical components that are fixed to a building. Installations include, for instance, fuse boxes, solar or generator installations, ceiling lights, power sockets, and large items of machinery termination.

Kgobalale Projects will plan and design, select and install, commission, test, report, maintain, fault find and repair systems to a high standard.

**ELECTRICAL MAINTENANCE**

Electrical maintenance involves fixing any sort of electrical device should it become out of order or suffer a breakdown (repair, unscheduled, or casualty maintenance). This service includes the tightening of all electrical connections and upgrading the power rating of safety switches.

Electrical maintenance also means anticipating and planning through the provision of regular care plans or preventative maintenance schedules and checklists of electrical equipment/instruments to avoid any breakdown or fault.

Kgobalale Projects offers electrical maintenance services at industrial, commercial and residential levels. These services include:

* Electrical re-wiring of houses, office blocks and industries
* Fault finding and repair of fault
* Repair of faulty lights, switches and plugs
* Repair of tripping switches
* Assist with power supply issues
* General electrical-related repairs
* Connection of hot water systems (geyser etc.)
* Maintenance and servicing of Heating, Ventilation and Air Conditioning systems
* Electrical reticulation

Kgobalale Projects provides premier electrical contracting and maintenance for the public sector, business, and private customers in commercial, domestic and industrial markets throughout South Africa. We offer short and long-term maintenance contracts.

**FAULT FINDING**

Fault Finding is investigating the cause of malfunction in machinery, especially electronic equipment.

The following are typical faults that are the most common causes of a circuit ceasing to operate correctly:

* Loss of supply
* Earth fault
* Dead short
* Correct protective device in place
* Defective components
* Breakdown of control circuits

**TESTING**

Electrical testing is an essential task and can be time-consuming and inconvenient as the power has to be turned off for some tests. We can generally work around your power requirements in the office, home, or workplace.

The inspection provides the ideal opportunity for checking the general condition of the equipment and that all parts are in sound condition. Our skilled team provides a comprehensive testing and inspection service, ensuring everything runs as safely and efficiently as possible. A periodic inspection will reveal if any electrical equipment is being overloaded, locate any potential electrical shock risks and fire hazards in an installation, identify any defective electrical work, or highlight any lack of earthing or bonding.

**ROOTING**

Our competent installers will gladly execute a high level of workmanship on all rooting to maintain a high level of structural work, and help you choose the rooting system that’s just right for you.

**INSTRUMENTATION**

In our instrumentation, we are more focused on the operation instruments and systems that are used in the design and configuration of automated systems.

Kgobalale Projects offers the following instrumentation services:

* Automation
* Control Systems
* Instrumentation
* Design and Drawing
* Programmable Logic Control (PLC)
* Software Development
* Process Automation
  1. • Electrical - Heavy and Light Current
  2. o Motor Control Centre (MCC)
  3. o Panel Building and Installation
  4. o Maintenance and Supply

**SOLAR AND BATTERY BACKUP SOLUTIONS**

Solar power is currently one of the most secure source of energy for the future. Solar power is the conversion of sunlight into electricity, either directly using photovoltaics (PV), or indirectly using concentrated solar power (CSP). Photovoltaics convert light into an electric current using the photovoltaic effect. PV were initially solely used as a source of electricity for small and medium sized applications, from the calculator power by a single solar cell to remote homes powered by an off-grid rooftop PV system. As the cost of solar electricity has fallen and competing products become available, the number of grid-connected solar PV systems has grown into the millions and utility scale solar power stations with hundreds of megawatts are being built.

Kgobalale Projects’ competent installers will gladly advise you on all alternative energy technology matters, help you choose the system that’s just right for you and after the installation will offer a comprehensive service.

Should solar not be your preference, we can also assist you in selecting the best alternative battery backup solution; and advise you on the latest alternative sources of energy available in the market.

**HIGH VOLTAGE AND SUBSTATIONS**

Kgobalale Projects offers the following services for High Voltage and Substations:

* High 33KV , Medium 11 KV and Low voltage 600V breakers maintenance and repair
* Protection Relay Testing and upgrade installation
* Transformer Maintenance
* Generator maintenance
* Retrofit Solutions for various breakers.

**CERTIFICATES OF COMPLIANCE**

A Certificate of Compliance is a certificate issued by a registered person regarding an electrical installation or part of an electrical installation; or issued under the Electrical Installation Regulations, 1992.

Kgobalale Projects keeps informed on the latest legislation requirements by the Electrical Contractors Board and Association, as well as The Gauteng Electrical Inspectorate, to ensure we deliver the most accurate Electrical Compliance Certificate possible to our clients.

Our Master Installer issues COC’s for buildings and projects such as:

* Hospitals
* Petrol stations
* Hazardous environments
* Laboratories
* Shopping malls
* Factories and warehouses
* All AC and DC installations
* Any and all industrial, commercial and domestic electrical installations

**PROJECTS**

* Subcontracted: Mooiba Technologies for Electrical Installation of Botshabelo Industrial Park CCTV System to cover internal roads - 2021
* Subcontractor: Supply and installation of all electrical instruments in Raw Water Pump Station, Nandoni Dam, Mopani District Municipality, Limpopo - 2023
* Electrical Contractor: Electrical installation of the refurbished of old Lewis Building, Bloemfontein, Free State – 2023
* Electrical Contractor: Renovations at 122 Sherwell Ave, Randburg, Johannesburg, Gauteng – 2022

**CLIENTS**

* Vharanani Properties
* DMFT Property Developers
* Mooiba Technologies
* African Bank

**CONTACT US**

Block A, 4 Kikuyu Road, Sunninghill, Sandton 2157

Tel: 087 234 9065  
[Info@kgobalale.co.za](mailto:Info@kgobalale.co.za)  
[www.kgobalale.co.za](http://www.kgobalale.co.za)