



- **Infrastructure Planning**
- **Design**
- **Delivery Solutions**



BUSINESS PROFILE



Our Vision Statement.

To position Prest Business Supplies as a preferred multi-disciplinary engineering service provider.

Our Mission Statement.

We provide infrastructure planning, design and delivery solutions, in Africa, using international best practices.

Company Background

Prest Business Suppliers was established in 2004 to provide professional engineering services specializing in Civil, Energy, Mechanical, Private and Government sectors. The corporation was formed by young and dynamic black professionals with the intention of bridging a gap that existed in the South African economy in terms of the provision of niche services to the Engineering industry.

Prest Business Suppliers fully understands the dynamics of the South African economy and appreciates the role that small and medium enterprises will have to play in crafting a South Africa of the future. In this regard, Prest Business Suppliers passionately believes in contributing to the growth of the nation by providing essential services and infrastructure for competitiveness. In so doing, Prest Business supplies aims at satisfying employment needs while participating in the economy leading to the empowerment of communities.

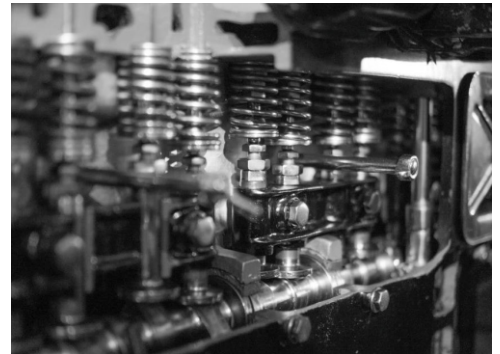
Prest Business Suppliers believes in the creative use and efficient management of innovation. In this context, the corporation adopted collaborative and mutually beneficial strategies. These strategies were crafted around creative interactions with players in the industry in order to build and sustain relationships that are profitable and beneficial to the nation at large.



Civil



Energy



Mechanical



Corporate Information

STRUCTURE

Prest Business Supplies is a trading company, which was incorporated in 2004. Its directors and shareholders are all from previously disadvantaged backgrounds.

MEMBERS

Ms. Precious Tsakani Mbhalati (51%) and Mr. Constantine Karonga (49%).

Offices

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LITCHENBURG.

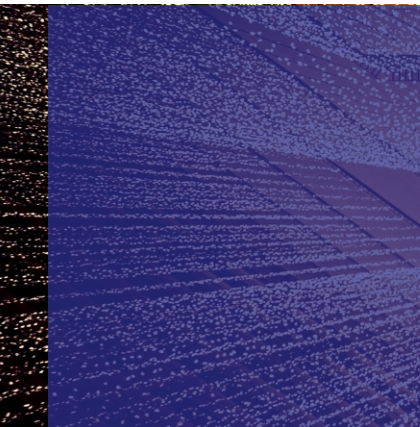
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REGISTRATION NUMBER: 2004/064725/23

VAT REGISTRATION NUMBER: 4610247944



Capability Statement

As a dynamic, creative and innovative corporation, Prest Business Suppliers, through its strategic partnerships, can offer state-of-the-art solutions in the power distribution industry. The following consulting services are offered to the electrical industry:

Energy

- System designs and planning that includes both primary and secondary plant
- System refurbishment
- System strengthening
- System operation

System Secondary Plant

- Protection Designs
- Metering Designs
- Tele-control Designs
- DC scheme designs
- Control plant installations

Electrification – Rural & Schools

- COW
- Project Management
- Cable joining
- Public lighting schemes
- Meter reading, disconnections and re-connections
- Meter audits

Renewable Energy

- Demand Side Management Interventions including:
 - Load management
 - Energy efficiency



Civils

- Water and waste-water
- Roads and transportation
- Management of urban and rural developments
- Infrastructure and asset management
- Rural water-supply construction management
- Municipal financial management and institutional development
- Mining/industrial
- Master plan development
- GIS and Draughting

Vegetation Management

- Grass cutting
- Bush clearing
- Herbicide application
- Weeding and tilling
- Gardening

Surveying

- Topographic Surveying
- Engineering Surveying
- Construction Surveying
- Control Surveying

General supplies

- Electrical components
- Cables
- Stationery and office supplies
- Tools
- Circuit breakers

PROJECT EXPERIENCE

To date, Prest Business supplies has been involved in a number of projects which include refurbishment, network strengthening, electrification, substation, and sub-transmission work. In addition, on the operational side, Prest Business supplies has been involved in DSM projects

The refurbishment works entailed carrying out equipment audits, developing a refurbishment design, developing a bill of materials for the refurbishment projects, tendering, developing project plans and managing the project during implementation. Network strengthening entailed carrying out system studies, developing strengthening plans, creating project plans and costing the project for implementation.

The electrification works entailed the designing, tendering, project management and project closure. The sub-transmission work entailed the designing, tendering and project management for substations and substation control plant.

On the Demand Side management front, Prest Business supplies has been involved in energy efficiency initiatives by Eskom that required the retrofitting of CFL's in residential areas.

Below is a list of some of the projects that individuals in Prest Business supplies have been involved in.





SUBSTATIONS: DESIGNS

- Ekurhuleni Germiston North substation upgrades
- Ekurhuleni Albertsdale Substation upgrades
- Ekurhuleni Eden park Substation upgrades
- Eskom Mandawe Substation upgrade

RETICULATION LINES: REFURBISHMENT

ELECTRIFICATION DESIGNS, PROJECT MANAGEMENT AND COW

- Entweni village electrification
- Izimbuthu village rural electrification
- Frere-Cornfield rural electrification
- Lusitania village rural electrification
- Ophuzane village rural electrification
- Osizwane village rural electrification
- Mteyi village rural electrification
- Emanjokweni village rural electrification
- Bethel Mission village rural electrification
- Kanana Extension 5 Phase 2 Electrification
- Mayfield Electrification
- Tsakane Ext. 20 & 21 Electrification
- Kanana Ext. 14 Electrification
- Pella Extensions Electrification
- Maganagubuswa Electrification
- Matseng Phase 2 Electrification

- Daggakraal Electrification
- Kameelport Electrification
- Njobokazi Electrification
- Mxhosa electrification
- Emahlangeni Electrification
- Mkhambathini Electrification
- Electrification of various schools and clinics in the North West and Eastern and Central regions.

PROJECT MANAGEMENT - SUB-TRANSMISSION

- Etwatwa-SAR Bapsfontein 88kV line refurbishment
- Mandawe Substation upgrade 88/22kV 40MVA substation
- Aston lake Substation upgrade 44/11kV 10MVA
- Struben Substation refurbishment
- Germiston North Substation design
- Albertsdale Substation
- Eden Park Substation

DESIGNS: STRENGTHENING & REFURBISHMENT AND COW

- Kariega- Kwaihoek 11kV and 22kV network strengthening
- Benoni Townships normalization
 - Wattville
 - Tsakani
 - Duduza
- Kunene 33/11kV 40MVA Substation design
- Ixopo Line Strengthening
- Port Edward NB32 line refurbishment.
- Fair breeze normalization



ENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT.

- Moqase Hills Local Municipality: 93 000 CFL BULBS
- Themba Local Municipality: 89 000 CFL BULBS
- Emufeleni Local Municipality: 75 000 CFL BULBS

BUILDINGS SERVICES AND COW

- Occupation sensors installed at Tsepa consulting offices.
- Circuits are designed to be grouped to ensure that non-essential loads are grouped together to facilitate future remote load shedding.
- Solar water heating deployed at Kaalfontein ext 13
- Buildings were oriented to maximize energy efficiency Kaalfontein ext 13
- Led lighting was used in the houses
- Heat pumps
- Umjaji house building upgrade
- Pretoria North depot



METER AUDITS/READING

- Eskom North West region several metering points. Zeerust, Lichtenburg, Mmbatho and Koster
- Meter reading and disconnections and audits city power.
- Meter reading, audits and disconnections Gauteng Operating Unit.
- Meter reading and disconnections KZN Operating Unit
- Back to Back Meter Audits KZN Operating Unit
- GPS meter Audits and fixing KZN Operating Unit
- Meter Installations Cell C.

CIVIL PROJECTS

- Umjaji house basement water proofing
- Umjaji house pavement design
- Prasa Pretoria waterproofing
- Prasa Pretoria pavement design