



**TSWELETSE
TELECOMS**

"Network Infrastructure Solutions"

BUSINESS PROFILE



About Us

INTRODUCTION

Tsweletse Telecoms has highly skilled work force combined with years of **Telecoms expertise and capabilities.**

Complete telecommunications infrastructure solutions are offered that include **equipment supply, installation and commissioning services.**

OUR MISSION

To Establish **Tsweletse Telecoms** as a preferred supplier through **superior customer service, innovation, quality** and **commitment.**

OUR VISION

To become a **top global telecommunications company.**

OUR CORE VALUES

Innovation - To create new ideas that have the potential to change the world.

Accountability - To take responsibility for our actions.

Consistency - Be consistent in offering the best products and quality service.

Integrity - To act with honesty and integrity.

Skills Development - To train and develop our employees for their personal growth and the financial success of the company



Capabilities

Fibre installation and testing

Core service features:

- Site surveys report and documentation
- Road Trenching
- Pipes and ducts installation
- Manhole installation
- In building installation
- Fibre installation –blow cable
- Termination
- Jointing/Splicing
- Testing



Radio Equipment Installation, Commissioning and Upgrades

Tsweletse Telecoms is a nationwide contractor of Telecoms Equipment installation and Commissioning. We have a highly qualified team of project managers, engineers, installation and support teams, ensuring you receive nationwide coverage, reduced network downtime and an unparalleled level of service.

Core service features:

- Site surveys
- Equipment delivery
- Radio equipment installation and commissioning
- BTS and RAN installation and commissioning
- Cell extender installation
- Network integration
- Technical support
- AC/DC Electrical power installation and test
- Batteries and rectifier installation
- Site defect rectification
- Spares management



RF Antenna and Microwave Installation

Core service features:

- Line-of-sight on microwave network systems
- Antenna and dish installation
- Feeder and Waveguide Installation
- Sweep Tests
- Antenna and Microwave Brackets Installations
- Antenna alignment (Azimuth, Tilts)
- Dish panning
- Equipment commissioning and testing on site
- RAN equipment installation and testing on site
- Decommissioning of RAN equipment

Cellular Site light Civil Works and Construction

We provide our customers with comprehensive planning and seamless coordination for all aspects of resourceful site construction and civil works including:

- Site Clearing and Leveling
- Earthworks
- Tower Grounding
- Cell Tower Construction and Erection
- Design and Manufacture of Telcom Towers and Monopoles
- Supply and Installation of fully equipped shelters delivering electricity, air conditioning and security protection
- Supply and Commissioning of Generators
- Site Fencing and Protection

Line and Antenna Sweep Testing

The additional testing process allows the carrier to achieve maximum performance from their wireless network. The intended result of this testing is to create greater performance of the Cell phone network.

Core service features:

- Return Loss
- Cable Loss
- Distance-to-Fault
- PIM (test phase)
- Distance-to-PIM(test phase)



Information and Communication Technology Services

Delivering the data that drives decision making that improve operations of the organization. ICT systems are put in place to maximize productivity, provide systems or business processes automation so business tasks cannot be a hassle or pain in the neck not forgetting cost reduction.

We provide basic, highly advanced ICT systems and strictly specialized technologies in a working environment.

- Hardware and Software Support

We believe in productivity that's why we understand that having malfunctioning ICT equipment such as computers, laptops and printers can hinder a business process or even make business loose clients.

We install the programs (software) and solve hardware problems such as setting up a help desk.

- Computer Networking and Internet

We design install and maintain computerized networks (wireless and cable based).

We interconnect computerized machine to interact and communicate with each other so that people in an organizations can process, share valuable information and data across the organization no matter the distance.

We create VPN (Virtual private networks) that will enable users to access organization information from anywhere in the world (or at home) across secure network infrastructure.

We install, wireless network, fibre optic and cables network.

Server solutions and Data management

We help organisation in providing, installing and maintaining servers using technologies such as:

- Active directory
- Installation of remote backup system and
- Disaster recovery systems and other physical security measures.

Mobile Apps Development

A new trend in modern ICT is the mobile app,

- we develop IOS, Android as well as windows mobile apps.

Our apps are designed to solve business related to solve complex and simple business solution.

Wayleave and Acquisition Division

- Receiving a request for Wayleave Application
- Assess if work to be done is planned and meets the application standard and requirements
- Prepare all documentation needed for Application process
- Process the Applications to different utilities and municipal offices, both electronical and deliveries
- Responsible for obtaining new Wayleaves and processing the expired ones
- Deal with daily feedback, activities and follow ups for Wayleaves including administration thereof
- Submission of Wayleave Approval Application to Municipal Areas/Offices
- Receipt/Collection of Final Wayleave Approval Documentation
- Forwarding of complete Final Wayleave pack to Implementation Team for execution. Signing off of Wayleave and Filing
- Attend kick off meeting and Civil work problem resolutions

Process We Follow



Maintenance and fault resolution services

We are proud to work with clients to minimize down time of their network. In addition, our Service Support provides unrivalled service and allows you to report any fault 24 hours a day.

Core service features:

- System operation evaluation.
- Visual inspection of equipment, antennas, active and passive components.
- Physical inspection of accessible equipment, cabling and components
- Inspection of equipment rooms.
- Testing of alarms.
- Testing of equipment in accordance with manufacturer's recommendations.
- Same day response to site.
- Feeder, antenna and microwave dish replacement if required .

Optimization and Site Audits

Our specialist management team, rigging staff and highly trained operatives work continually to optimize your network for maximum coverage, capacity and performance. In addition, you can expect our dedicated service and technical support teams to deliver an unparalleled level of service from day one.

Core service features:

- Change Antenna alignment and tilts (azimuth)
- Remote Electrical Tilt (RET) installation on antennas
- Height reduction of GSM antenna
- Feeders condition.
- VSWR Checks.
- BTS working conditions.
- Check BSS parameters to meet RF objectives
- Network drive testing and analysis



Tools and Training



Core service features:

- Site surveys report and documentation
- Road Trenching
- Pipes and ducts installation
- Manhole installation
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- Fibre installation –blow cable
- Termination
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Training

The In-House training is available for Technicians to upgrade the technical skills. The project engineers having hands-on experience guide them through the training. They used to share their day to day experiences, problem facing and the process of resolving issues in a highly professional environment.

Tools

- Set of standard installation tools
- Connectorization tools
- Laptop's
- Site Masters
- Optical Meters
- Safety belts& helmets
- Ropes & other accessories
- GPS's
- Cameras
- Rigging Kit
- Test Software



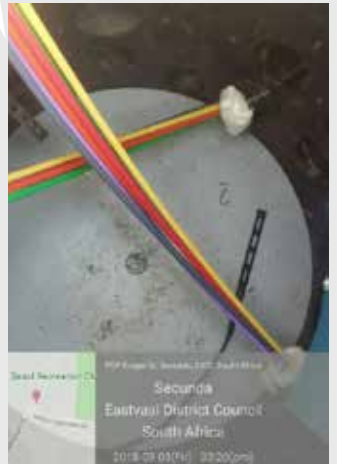


New Site Mast and plinth Civils



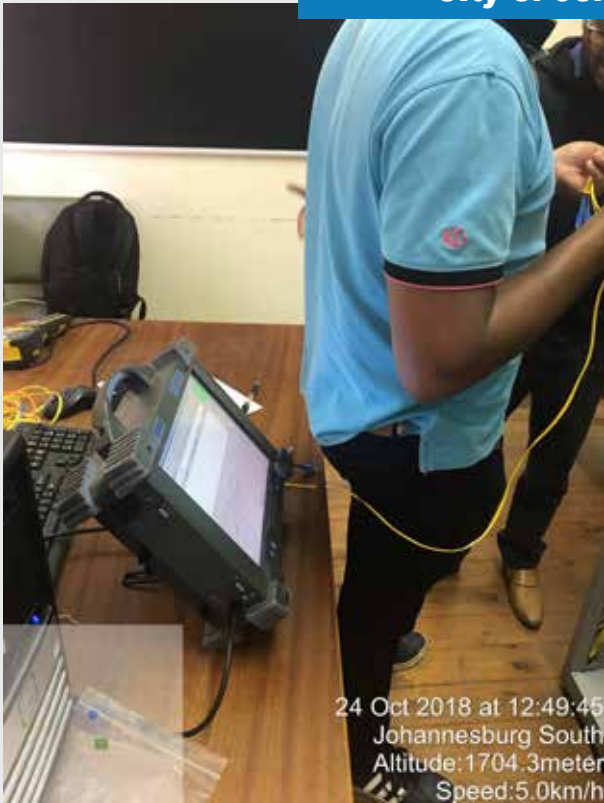


Secunda Fibre Trenching Civils





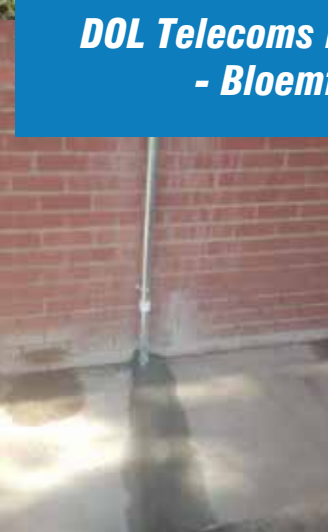
**Fibre Testing for FET Colleges
- City of Johannesburg**







**DOL Telecoms Infrastructure
- Bloemfontein**





**Golfpark Meyerton
- FTTH Full Turnkey**

27 July 2019 at 08:52:01
-26.554491 +28.031930
48 Mimosa Avenue
Meyerton
GP
186°
South Africa
Altitude: 1477.4meters
Speed: 0.3km/h

Meyerton
Gauteng
South Africa
16°C
61°F

Decimal DMS
Latitude: 26.715425 26°42'55" S
Longitude: 27.605956 27°44'35" E
2019-06-11 09: 10:25

Meyerton
Gauteng
South Africa
2019-06-14 09: 03:10pm

Meyerton
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2019-06-14 09: 03:10pm

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10°C
50°F

Vereeniging
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2019-07-17 Wed: 15:58



7 Paucos Oms Pura Gardens, Vanderbijlpark, 1911, South Africa

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Longitude	27.815422	27°48'55" E

2019-06-20(Thu) 16:15



3 Wura Ave, Pura Gardens, Vanderbijlpark, 1911, South Africa

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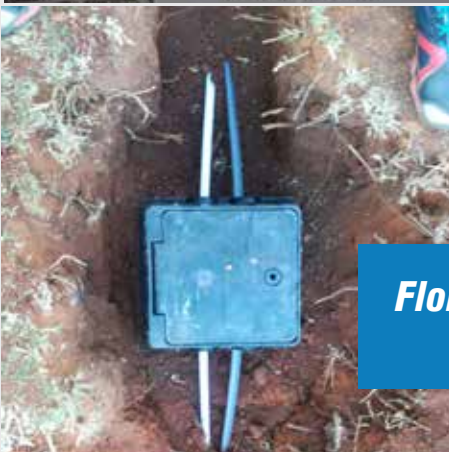
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23 Amoswale Ave, Pura Gardens, Vanderbijlpark, 1911, South Africa

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2019-06-19(Wed) 11:37



27 Amoswale Ave, Pura Gardens, Vanderbijlpark, 1911, South Africa

	Decimal	DMS
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Longitude	27.811839	27°48'42" E

2019-06-19(Wed) 11:37



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2019-06-19(Wed) 10:12



9 Wura Ave, Pura Gardens, Vanderbijlpark, 1911, South Africa

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2019-05-10(Fri) 11:21

Flora Gardens in Vanderbijlpark - FTTH Full Turnkey



7 DeWaal St, Pura Gardens, Vanderbijlpark, 1911, South Africa

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2019-05-07(Tue) 14:30



Vereeniging Gauteng South Africa

2019-06-21(Fri) 10:35(am)

14°C
57°F



9 Wura Ave, Pura Gardens, Vanderbijlpark, 1911, South Africa

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2019-07-19(Fri) 14:11