

**TIMELY ENGINEERED**

# ABOUT

Safety first

Social responsibility

Valuable partnerships

Customer satisfaction

We are committed to quality

## WHY TIMELY ENGINEERED?

We don't believe in one-size fits all approach or generic engineering solutions when it comes to solving complex technical problems. Although industry challenges may be similar, each client is unique. We promptly develop solutions to match the challenges and requirements at that specific time.

## BACKGROUND

LTS Engineering is a multi-disciplinary engineering consortium with footprint in 4 South African provinces (Gauteng, Mpumalanga, KZN and Limpopo). We specialise in maintenance services, engineering consulting and project management, construction services as well as research and development.

## MISSION

Creating sustainable solutions to African challenges and societies through engineering and partnerships.

## CERTIFICATION

CIDB Grades: 8CE,PE, 8GB,PE, 5EP,PE, 5SD and 6ME,PE  
NHBRC: 1-16048851  
BBBEE: Level 1

**VISION....."TO BE THE PREFERRED ENGINEERING HOUSE IN THE AFRICAN CONTINENT.**

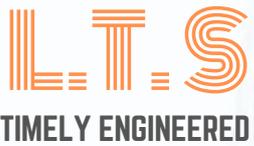
[WWW.LTSENGINEERING.COM](http://WWW.LTSENGINEERING.COM)

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Office Address: Midrand,  
Unit G2, 94 Bekker Road

# BUSINESS UNITS



## ENGINEERING AND PROJECTS

- ECSA registered Engineers
- PMi Certified Project Managers
- Robust Project Lifecycle Process
- Multi-disciplinary teams

## CONSTRUCTION SERVICES

- CIDB registered
- In-house tools and plant
- NHBRC registered
- OEM Certifications

## RESEARCH AND DEVELOPMENT

- University partnerships
- Technology driven
- Postgraduate support programs
- In-house test centre

## MAINTENANCE SERVICES

- CIDB Registered
- Maintenance strategy focus
- Over 50 years combined experience
- Robust maintenance ERP system

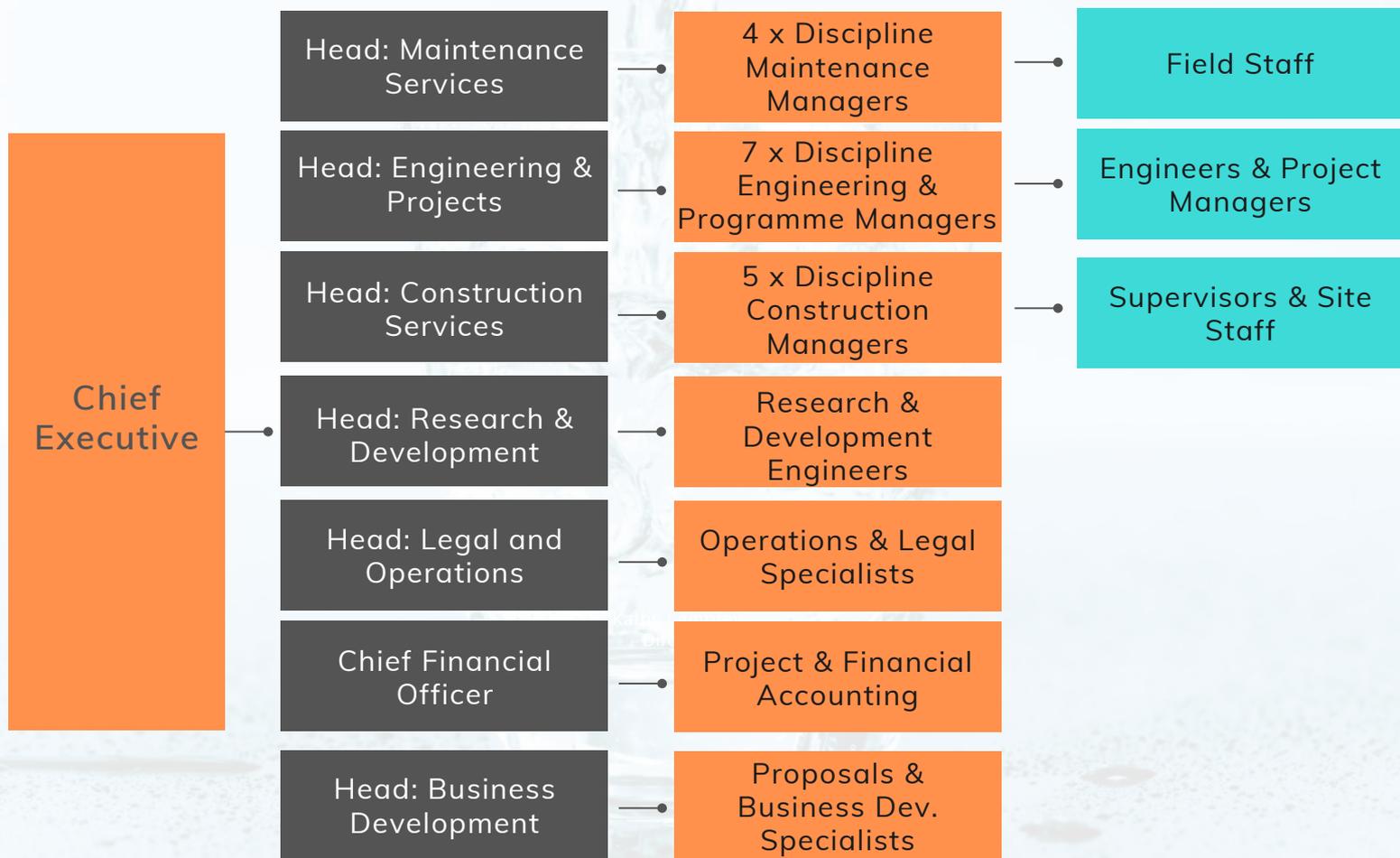
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# HIGH LEVEL STRUCTURE



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# EXPERTISE

## MAINTENANCE SERVICES

### Civil & Heavy Machineries

- Building maintenance
- Roads and stormwater maintenance
- Dam and reservoir maintenance
- Agricultural machines maintenance
- Railway systems maintenance
- Mining equipment maintenance

### Information & Communication Technologies

- Software support and maintenance
- IT infrastructure maintenance
- Network infrastructure maintenance

### Automation & Telemetry

- Telemetry system maintenance
- PLC and Instrumentation maintenance
- Metering systems maintenance

### Energy, Electrical & Mechanical

- Pump stations maintenance
- Industrial boiler maintenance
- HVAC and fire systems maintenance
- Back-up systems maintenance
- Solar and wind energy systems maintenance
- Cathodic protection system maintenance
- Distribution network maintenance

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# EXPERTISE

## RESEARCH AND DEVELOPMENT

### Smart City Solutions

- Integrated transport system
- Intelligent sewer network monitoring
- Non-Revenue Water reduction technologies
- Fleet management solutions
- 4IR and municipalities

### Healthcare Solutions

- Information Management Systems
- Hospital processes digitisation
- Alternative heating and cooling solutions

### Renewable Energy

- Green buildings
- Solar energy systems
- Wind energy systems
- Powering rural communities

### Water & Sanitation Solutions

- Alternative sanitation technologies
- Water harvesting and purification technologies
- Water resources protection mechanisms
- Advanced Metering Infrastructure

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# EXPERTISE

## CONSTRUCTION SERVICES

### Civil & Architecture

- Process plant construction
- Residential and commercial buildings
- Transport facilities construction
- Recreational facilities construction

### Pipeline Integrity Systems

- Leak detection systems installation
- Cathodic protection system installation
- Pipeline replacement projects
- Pressure management systems installation

### Agriculture & Hydrology

- Water harvesting systems construction
- Dam and reservoir construction
- Agricultural infrastructure construction
- Agricultural machines installation

### Automation & Telemetry

- Telemetry systems installation
- Process control systems installation
- Systems integration
- Implementation of smart city technologies

### Energy, Electrical & Mechanical

- HVAC and industrial boilers installation
- Pump stations construction
- MV/LV Switchgear and back-up systems
- Electrification and transformer installations
- Solar and wind farm construction

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# EXPERTISE

## ENGINEERING AND PROJECTS

### Civil & Architecture

- Process plant designs
- Residential & commercial buildings
- Transport systems design

### Environmental & Energy Management

- Energy auditing
- Power quality analysis
- Environmental assessment & studies

### Pipeline Integrity Systems

- Leak detection system
- Cathodic protection systems
- Pipeline network integrity assessment

### Agricultural & Hydrology

- Catchment management solutions
- Dam and reservoir designs
- Agricultural systems design

### Software Development & ICT

- Custom developed software
- Management of IT infrastructure
- Smart cities and 4IR

### Automation & Communications

- Telemetry and SCADA systems
- PLC's, Instruments & DCS
- Process control systems integration

### Energy, Electrical & Mechanical

- Process and building solutions
- Electrical transmission systems
- Renewable energy solutions design

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# INDUSTRY FOCUS

**WATER & SANITATION**

**MINING**

**ENERGY**

**HEALTH CARE**

**BUILDINGS**

**ROADS & STORMWATER**

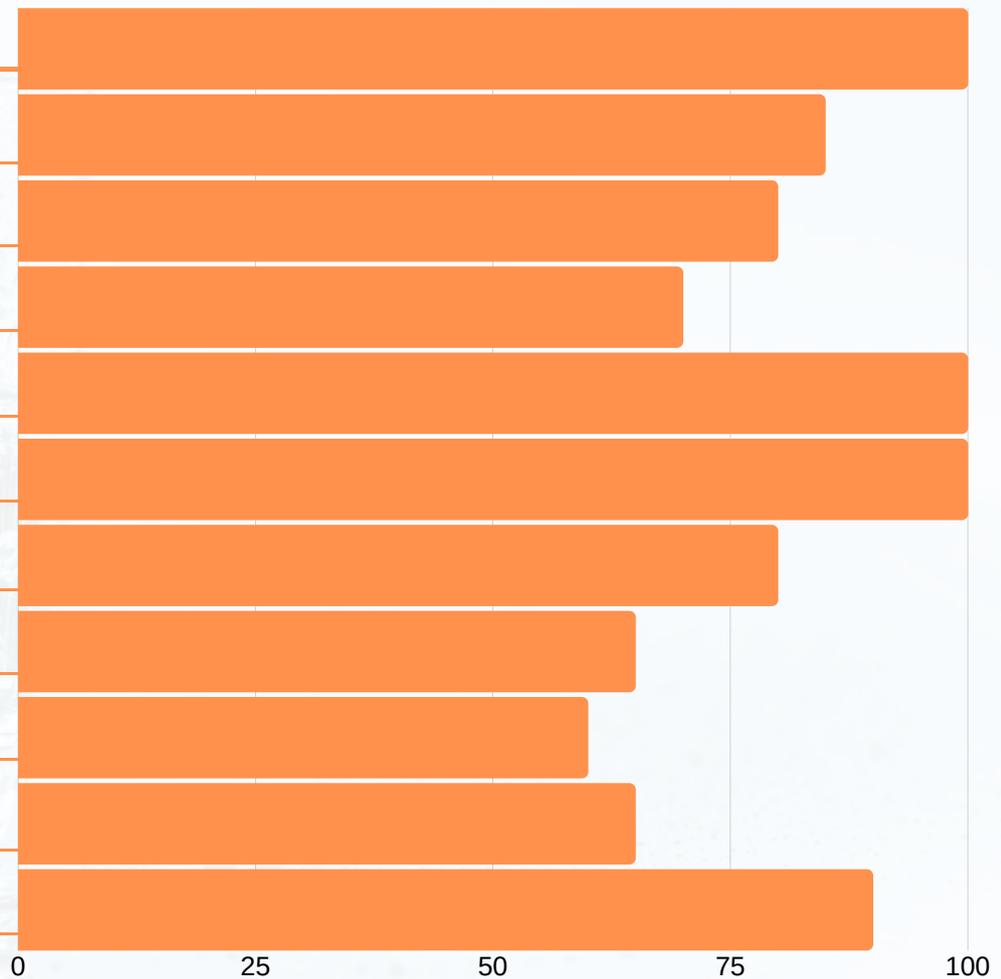
**TRANSPORT**

**TELECOMMUNICATION**

**AGRICULTURE**

**FCMG**

**OIL & GAS**



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# PROJECT EXPERIENCE

01	Department of Human Settlement	The department wanted to construct over 1500 houses in Maitseng village, Eastern Cape Province. This R200 Million project involved the design, implementation and hand-over of quality residential units.
02	ABSA Bank	The project involved reconstruction of an office area. The scope included the design and installation of HVAC, electrical, access control, fire detection systems and others.
03	Department of Water & Sanitation	This R10 Million project involved structural repairs of houses in the Limpopo Province as well as project management.
04	Randfontein Municipality	This R15 Million project involved the design, implementation and construction management of the R28, Main Reef Rd. during the rehabilitation and resurfacing process.
05	Moretele Local Municipality	The project involved construction of over 550 alternative sanitation units for the Swartdam village in the North-West Province.
06	Independent Development Trust	The project involved the design and installation of solar systems as well as designing and managing electrical and mechanical scope of work during construction of various old age homes.
07	City of Johannesburg	The project involved the design, electrification and issuing of the COC for the IBC accommodation in Nasrec, Gauteng Province.

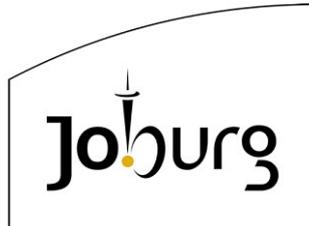
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# CLIENTS & PARTNERS



**MODIMOLLE-  
MOOKGOPHONG**  
Local Municipality



**water & sanitation**  
Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

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# BUSINESS LOCATIONS

## Gauteng

Thornhill Office Park,  
94 Bekker Rd., Midrand

[gp@ltsengineering.com](mailto:gp@ltsengineering.com)

### Services

Construction services  
Maintenance services  
Engineering & Projects  
Research & Development

## KwaZulu-Natal

Liberty Building, 21  
Aurora Dr., Durban

[kzn@ltsengineering.com](mailto:kzn@ltsengineering.com)

### Services

Construction services  
Maintenance services  
Engineering & Projects

## Limpopo

Ficus Park, 15 Pierre  
Street, Polokwane

[lim@ltsengineering.com](mailto:lim@ltsengineering.com)

### Services

Construction services  
Maintenance services

## Mpumalanga

11 Kingston Street,  
Evander

[mp@ltsengineering.com](mailto:mp@ltsengineering.com)

### Services

Construction services  
Maintenance services  
Engineering & Projects

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