



ENGINEERING CONSULTANTS

A decorative graphic on the left side of the page features two green, wavy leaves rising from a blue, wavy base that resembles water or a landscape. The blue base is layered with a lighter blue and a white layer, creating a sense of depth and movement.

# COMPANY PROFILE

JANUARY 2012

ENGINEERING TOMORROWS' FUTURE

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**ABBREVIATED LIST OF CLIENTS**



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA



## 1 COMPANY OVERVIEW

|  |  |
|--|--|
| <p><b>What we do</b></p>  | <p>We are consulting engineers specialising in electrical and electronic building services infrastructure.</p> <p>Our main focus is on the design, procurement process and installation supervision of electrical and electronic services for buildings.</p> <p>We also provide an array of other engineering services such as audits and project management</p> |
| <p><b>Who are our Customers</b></p>  | <p>Municipalities, Private developers, Commercial entities and Architects<br/>Both existing and new buildings</p>  |
| <p><b>Where we are</b></p>   | <p>Our main focus is on Southern African countries. Our head office is situated in Pretoria, South Africa</p>   |
| <p><b>Our Goal and Mission Statement</b></p>   | <p>To build a better future through Engineering and to provide our Clients with innovative and fix-for-purpose engineering solutions.</p>  |

### 1.1 Company history

T Square Technologies (Pty) Ltd was founded by Mr. T.T. Spoelstra in May 2006 who has over 30 years engineering experience as a professional consultant.

Over the years T Square Technologies has grown into a multi-disciplinary engineering firm, providing a broad range of specialist electrical and electronic engineering services to our Clients.

### 1.2 Quality Control

Quality control is a top priority for T Square Technologies, as such the company has initiated the process to obtain ISO 9000 quality management certification.

### 1.3 BEE

T Square Technologies is a proudly level 4 BEE contributor. A certificate can be made available on request.

### 1.4 SARS

A certificate of good standing can be made available on request

## 2 CORE COMPETENCIES

### 2.1 Electrical Services

| BUILDING ELECTRICAL INFRASTRUCTURE   |   |  |
|--|---|--|
| SERVICES OFFERED   |   |  |
| TYPE OF SERVICE  | DESCRIPTION OF SERVICE  |  |
| Master Planning  | Municipal Environment   |  |
| Reticulation Design  | Office Parks<br>Business Parks<br>Industrial Parks<br>Security Estates<br>Golf Estates<br>Wildlife Game Parks<br>Residential  |  |
| Buildings: Electrical Infrastructure   | Office blocks<br>Commercial complexes<br>Auditoria<br>Schools, & colleges<br>Teaching & Learning laboratories<br>Ministerial housing<br>Clinics and hospitals<br>Hotels<br>Clubhouses and lodges<br>Recreational facilities<br>Control rooms<br>ICT Server rooms<br>Airport Terminal buildings, hangars and plant rooms<br>Restoration of old structures/monuments/heritage |  |
| Detailed Technology Specification complete with Schedule of Quantities                     | Technology options, standards, cost comparisons, life cycle cost analysis, conceptual design, cost reports.   |  |
| Managing the Procurement Function  | Planning, Detail design, Documentation, Tender process, Adjudication, Construction monitoring, Commissioning, Acceptance Tests, Handover process.   |  |
| Audits   | Statutory compliance investigations   |  |
| EXPERIENCE   |   |  |
| PROJECT  | DESCRIPTION   |  |
| Transportation Management Centre, Goodwood, City of Cape Town                              | 3-level specialized control building with large server rooms and central video wall control room<br>.<br>Electrical contract value R15m at completion in 2011.  |  |
| Leopard Creek Golf Estate<br>Gardener Ross Golf Estate<br>Woodhill Golf and Country Estate | Electrical infrastructure for high-end residential estates  |  |

|   |  |
|---|--|
| PMP Explosive Manufacturing Plant             | Electrical infrastructure and Specialized earthing services  |
| DRC Diplomatic Village                        | Diplomatic dwellings; double storey on banks of Congo river  |
| Kinshasa Office Block                         | Upgrading and refurbishment of electrical installation to suit RSA Dept of Foreign affairs Embassy requirements. |
| Angola Nova Vida Township                     | Mega Project : 200 off 4-level flats & 2 500 low cost dwellings  |
| Angola : Sports Centre and Conference Complex | Large multi-use facilities for Ministry of Justice, including VIP auditorium.                                    |
| DENEL HQ Complex                              | Very large modern office building complex, including elevators and escalators                                    |
| HSRC HQ Complex                               | Large multi-level office building with laboratories and sophisticated conference facilities                      |
| Reethi Rah Island                             | Maldives island resort : audit of electrical infrastructure and supervision of distribution system upgrade       |
| Blue Ocean Bay Development                    | 7 Star luxury hotel in Mauritius   |
| Windhoek Hotel                                | 5 Star luxury hotel in Namibia   |
| Kruger Mpumalanga International Airport       | Complete electrical reticulation of all buildings and plant.   |
| <b>MILITARY INSTALLATIONS</b>                 |  |
| Various System Installations                  | Unclassified information may be provided on request  |



## 2.2 Electronic Services

| <b>BUILDING ELECTRICAL INFRASTRUCTURE</b>                              |  |  |
|--|--|--|
| <b>SERVICES OFFERED</b>  |  |  |
| <b>TYPE OF SERVICE</b>   | <b>DESCRIPTION OF SERVICE</b>  |  |
| Master Planning<br>Reticulation Design                                 | Municipal Environment<br>Security Estates<br>Golf Estates<br>Industrial Parks<br>Office Parks  |  |
| Buildings: Electrical Infrastructure                                   | Commercial complexes, office blocks<br>Ministerial housing<br>Clinics and hospitals<br>Recreational facilities & hotels<br>Low cost housing<br>Schools, colleges and laboratories<br>Clubhouses and lodges<br>Control rooms, surveillance monitoring facilities<br>Airport Terminal buildings, hangars and plant rooms |  |
| Detailed Technology Specification complete with Schedule of Quantities | Technology options, standards, cost comparisons, conceptual design, reports.<br>Planning, Detail design, Documentation, Tender process, Adjudication, Construction monitoring, Commissioning, Acceptance Tests, Handover process.  |  |
| Managing the Procurement Function                                      | Statutory compliance investigations  |  |
| Audits   |  |  |
| <b>EXPERIENCE</b>  |  |  |
| <b>PROJECT</b>   | <b>DESCRIPTION</b>   |  |
| Transportation management centre, Goodwood, Cape Town                  | 3-level specialized control building. Electrical contract value R15m   |  |
| Leopard Creek Golf Estate  | Electrical infrastructure for high-end residential estates   |  |
| PMP Explosive Manufacturing Plant                                      | Electrical infrastructure and Eathing services   |  |
| DRC Diplomatic Village   | 12 Diplomatic dwellings; double storey on banks of Congo river   |  |
| Nova Vida Township   | Mega Project : 200 off 4-level flats & 2 500 low cost dwellings  |  |
| Angola : Sports Centre and Conference Complex                          | Large multi-use facilities for Ministry of Justice   |  |
| DENEL HQ Complex   | Large Office Building  |  |
| HSRC HQ Complex  | Office Building with Laboratories and Conference facilities  |  |
| Reethi Rah Island  | Maldives island resort : electrical infrastructure   |  |
| Blue Ocean Bay Development   | Mauritius hotel : electronic infrastructure  |  |
| <b>MILITARY INSTALLATIONS</b>  |  |  |
| Various System Installations   | Unclassified information may be provided on request  |  |



### 3 CONTACT DETAILS

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