



Company Profile



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PROFILE

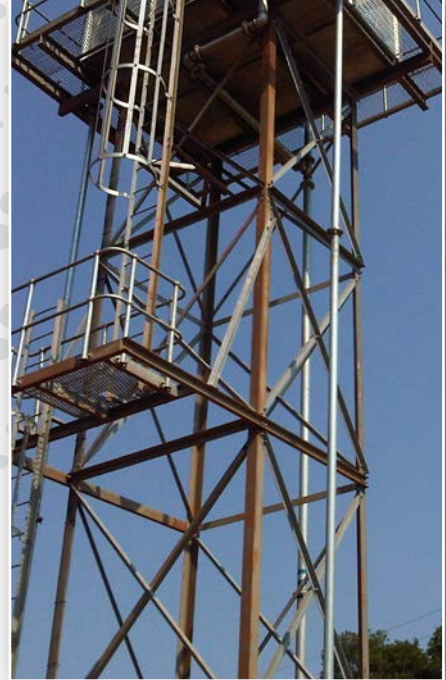
PROFILE

1. INTRODUCTION

T2-Tech Engineers (PTY) Ltd (*hereinafter referred to as "T2-TECH"*) is a company in the Republic of South Africa established in January 2003.

T2-TECH is a full service provider of civil and structural work consulting, technical design and project management, offering seasoned and comprehensive professional service. **T2-TECH** strives to adhere to the highest technical standard and achievements in the industry, enabling customers/clients to achieve their goals beyond expectations.

T2-TECH, in association with reputable companies, provides its customers/clients with proven engineering performance in project management, labour based rural roads construction and maintenance, designs for labour based construction, water reticulation, projects supervision, and community based projects social facilitation.



2. BACKGROUND

T2-TECH was born out of the realisation by the founding member that unless the people themselves of South Africa utilise customised western technology and expertise with an African perspective, prospects for economic growth and development within the rural and urban communities will be minimal, and as such, community development in this new democracy would be meaningless to the communities the government seeks to develop.

The quality of service rendered by individual members of **T2-TECH** over the years in their different environment and the breadth of the experience gained have been harnessed together and is evidenced through successful projects that have been undertaken by the individual members in their respective and previous environments.

T2-TECH is, therefore, uniquely positioned to provide technical and professional services that are pertinent to both rural and urban communities in Southern Africa.

3. VISION

T2-TECH strive to be recognised as one of the leading world class civil engineering business organisation in its core business of activities, both within South Africa, promoting and encouraging capacity building, development and skills transfer, and offering better services and sustainable development to communities.

4. MISSION

The vision of **T2-TECH** drives the company towards the fulfilment of the mission of becoming a world class civil engineering organisation that will succeed in the market place through the delivery of technology and community based sustainable development.

5. VALUES

- **Client orientation** - We believe in charting lasting business relationship through Honesty, Promptness and Confidentiality,
- **Integrity** - We believe in steadfast adherence to Strict Moral Principles and Ethical Codes,
- **Technology driven** - Our projects are driven by Modern Technology,
- **Innovation** - The pulse of our competency is through Innovative Programmes,
- **Skills transfer** - We believe in empowering communities through Skills Transfer.

6. OBJECTIVES

T2-TECH has adopted as its main object and main business, civil and structural engineering consulting, project management and community / labour based project facilitation, as follows:

- 6.1. the provision of cost effective engineering project management and consulting services on small and medium sized industries;
- 6.2. to uplift the previously disadvantaged communities in rural areas by providing them with:
 1. Job opportunities,
 2. Clean drinkable water; and proper sanitation,
 3. Facilitation and upliftment of local emerging contractor,
 4. Safer and proper road infrastructure,
 5. Skills transfer.
- 6.3. to source and provide the best updated technical services to meet the clients' needs of expectations.

T2-TECH focuses on urban and rural development and has procured and been responsible for a wide range of projects including feasibility studies, design, construction monitoring and project management in, amongst others, the following specialist fields:

- Gravel and Surfaced Roads
- Community Water Supply
- Stormwater Control Structures
- Sanitation and Sewerage
- Project and Programme Management
- Agricultural Engineering
- Institutional and Social Development
- Housing Project Management
- Programme Management (PMU)
- Building and Water retaining Structures

In response to identified client needs, **T2-TECH** offers comprehensive engineer-ing and management services, and supports these functions with, amongst others:

- Community Development
- Capacity Building and Training
- Municipal and Multi-Contract Management



7. MANAGEMENT AND PHILOSOPHY

7.1. T2-TECH's philosophy is *"Integrated Technology and Community Based Sustainable Development"*.

This philosophy is derived from co-operation of teamwork, both within the organisation and between the organisation and its customers. Better quality services and complete customer satisfaction are of paramount importance.

T2-TECH endorses and practices quality management systems based on South African acceptable standards. Management system in practice is geared towards satisfying the overall quality objectives of **T2-TECH**. Extraordinary commitment of every member of **T2-TECH** and its customers is a priority.

7.2. The corner-stone of our existence and success is to develop a winning team that will understand the needs of people, generate new ideas and solving development orientated problems with the relevant communities. This is achieved by optimising the time, cost and quality aspects of any project into a unified whole, and the provision of opportunities to the disadvantaged communities through:

- (a) capacity building,
- (b) significant public participation,
- (c) basic services and
- (d) job creation.



8. SERVICES OFFERED / AREAS OF SPECIALISATION

8.1. PROGRAMME AND PROJECT MANAGEMENT

- 8.1.1 Housing Projects (Housing Provision Programme)
- 8.1.2 Turnkey Projects Delivery
- 8.1.3 Municipal Infrastructure Management (PMU)
- 8.1.4 Contracts Administration
- 8.1.5 Repair and Maintenance Programme
- 8.1.6 School Building Programme

8.2 ROADS AND TRANSPORTATION

- 8.2.1 Labour Intensive Technologies
- 8.2.2 Bridges (Design and Monitoring)
- 8.2.3 Construction Management
- 8.2.4 Roads Infrastructure
- 8.2.5 Traffic Engineering
- 8.2.6 Transportation and Pedestrian Planning
- 8.2.7 Traffic and Transport Planning
- 8.2.8 Rail Infrastructure design and Management

8.3 WATER & SANITATION

- 8.3.1 Bulk Water Infrastructure
- 8.3.2 Sanitation and Treatment
- 8.3.3 Stormwater Management
- 8.3.4 Waste Water Management
- 8.3.5 Water Reticulation



8.4 BUILDING & STRUCTURES

- 8.4.1 Sports and Leisure Facilities
- 8.4.2 Water Related Structures (Reservoirs, Pumpstations, Stormwater drainage)
- 8.4.3 Educational and Medical Facilities
- 8.4.4 Bridges and Multi Storey Structures

8.5 GEOTECHNICAL INVESTIGATION

- 8.5.1 Site Investigation
- 8.5.2 Foundation Designs

8.6 ENVIRONMENTAL

- 8.6.1 Environmental Impact Assessment and Monitoring
- 8.6.2 Environmental Management Systems (Plans)
- 8.6.3 Waste and Waste Water Management
- 8.6.4 Environmental Risk Assessment
- 8.6.5 Landscaping

8.7 SOCIAL FACILITATION & DEVELOPMENT

- 8.7.1 Public Participation
- 8.7.2 Skills Development/Transfer and Training
- 8.7.3 Community Development

8.8. OCCUPATIONAL HEALTH & SAFETY SERVICE

- 8.8.1 Monitoring and Regulation
- 8.8.2 Audit client's Safety Management Systems, Conducting Site Inspections and Training
- 8.8.3 ISO 18001 implementation, certification and auditing ISO standards OHSAS 18001, 14001 and 9001

8.8.5 Provide Training of personnel in Hazard Management Techniques

8.8.4 Prepare Safety Files

8.8.6 Develop Hazard Management/risk Assessment Policies and Procedures

8.8.7 Safety Management System (development of policies, procedures, flowcharts, safety planning, system development)

8.8.8 Conduct Incident Investigations and facilitate hazard ID workshops, risk assessment and hazard management

8.8.9 Provision of competent and experienced Safety Officer at a reasonable cost to sites

8.8.9 Provision of Personal Protective Clothing, Fire Extinguishers and other related Safety Equipment

8.9 AGRICULTURAL ENGINEERING

8.9.1 Agricultural Infrastructure Projects

8.9.2 Agro - Projects



9. MAJOR PROJECTS

Project Description	Client Name	Client Project No.	Contact Person	Contact No.	Project Value
Project Management Unit: Garankuwa Ext. 20 & 21	City of Tshwane: Housing Division	CB15/2005 CB20/2005	Mr. D.S Diale	012 358-8034	R 189 million
Project Management Unit: 3 Years Period	Co-operative Governance Human Settlement and Traditional Affairs (Limpopo Housing)	LGDP05/2010-5	Mr. Seroka	015 284 5000	R 528 million
Chavani and Surrounding Village Bulk and Reticulation (Makhado)	Vhembe District Municipality	RFP/TECH/ 07/03/2013/03	Mr. M. Masakona	015 960 2000	R 875 million
The Design, Upgrading and Construction of Roads and Stormwater Infrastructure in the Ekurhuleni Metropolitan Municipality	Ekurhuleni Metropolitan Municipality	SP01/2008	Isaac Marate	011 961 9935	R 87.7 million
Project Management Services in the City of Tshwane: 3 Year Period	City of Tshwane	CB165/2011	Mr. M. Ramuvhundu	012 358 8034	R 418.6 million
Rehabilitation and Upgrading of Road D481 from Embuleni to Mooiplaas Phase 1 (9,6km), Phase 2 (12km) and Phase 3 (7,2km) in the Gert Sibande Region of the Mpumalanga Province	Department of Public Works Roads and Transport	PWRT/2079/13/MP	Mr. K. Makhado	013 766 6168	Phase 1 - R 61.3 million Phase 2 - R 110.8 million Phase 3 - R 204 047 128 million
The Upgrading and Extension of Culumborg Yard & Firgrove Rolling Stock Depot – Western Cape Region	North West Department of Public Works Roads and Transport	HO/SCM/226/2011	Pierre Cronje	021 449 6529	R779 million
Appointment of Tender PWRT 113/13: Rehabilitation of Road P117/1 from Ottosdal (13/2) to Hartbeesfontein (20km). Phase 1 & 2	Department: Public Works and Roads, North-West Provincial Government	PWRT 113/13	Mr. J.M. Thobakgale	018 388 1395	Phase 1 - R103 million Phase 2- R190 million Total: R293 mil

10. OTHER PROJECTS

Project Description	Client Name	Project Value
Roads & Transportation		
Construction of Alldays (Speaker Park) Internal Streets / Stormwater Phase 1 & 2	Blouberg Local Municipality	R7 000 000
Upgrading of D3502 from Ga-Magonwa to Mosesetjane	Roads Agency Limpopo	R43 000 000
Upgrading of Kalkspruit to Sechaba	Aganang Municipality	R7 279 015.54
Upgrading of Senwabarwana to Indermark to Vivo	Roads Agency Limpopo	R58 000 000
Upgrading of Mooiplaas to Ekulindeni Road (Kromdraai Area)	Mpumalanga Department of Roads & Transport	R105 000 000
Upgrading of Streets (Turnkey Projects)	Ekurhuleni Metropolitan Municipal	R81 900 000 3 Year Contract
Construction of Stormwater Infrastructure	Ekurhuleni Metropolitan Municipal	R48 000 000 3 Year Contract
Acquiring of Services Consultants for EPWP Projects at Capricorn Mopani and Sekhukhune District	Limpopo Department of Roads & Transport	R 28 300 000
Mavhunga Access Road	Vhembe District Municipality	R79 000 000
Modernisation of Train Station (KZN)	PRASA	R140 000 000
Water & Sanitation		
KwaMgayi and Surrounds Bulk Water Supply Construction of 2.5 MI RC Reservoir	Ugu District Municipality	R87 000 000
Bulk Water Supply for Chavani & Surrounding Villages	Vhembe District Municipality	R346 000 000
Bulk Water Reticulation at Agincourt & Ireagh Building & Structural	Bushbuckridge Municipality	R40 000 000
Renovation and Construction of Schools (39 Schools)	Mpumalanga Department of Public Works Roads & Transport	R 55 000 000
Project Management Services for ECD Programme	Ezemvelo KZN Wildlife	R70 000 000
Sibasa Traffic Station	Thulamela Municipality	R147 000 000
Construction of Schools	Limpopo Department of Public Works	R26 000 000
Langeloo Water Reticulation – 400kl Treated Water Storage, 250kl Elevated Tank, Bulk Pipeline & Reticulation with Yard Connections	Nkomazi Local Municipality	R25 000 000
Nhlavaville Water Reticulation – 6ML Comand Reservoir, 3ML Service Reservoir, 2 x 250kl Elevated Tanks, Bulk Pipeline, Distribution Line and Reticulation with Yard Connections	Nkomazi Local Municipality	R37 000 000
Programme & Project Management		
Project Management Unit	Makhuduthamaga Local Municipality	3 Year Contract
Project Management Unit Roads and Stormwater	City of Tshwane Metropolitan Municipality	3 Year Contract
Project Management Unit of Various MIG Projects in JB Marks Local Municipality	JB Marks and Local Municipality	3 Year contract

11. MANAGEMENT AND SHAREHOLDERS

T2-Tech Engineers (PTY) Ltd is wholly owned and managed by Previously Disadvantaged Individuals committed to the socio-economic of Historically Disadvantaged Communities and Individuals. The management effort is directed towards satisfying the overall quality objectives of T2-Tech Engineers (PTY) Ltd.

Its philosophy derives from cooperation of teamwork, both within the organisation and between the organisation and its customers. Dedication of each member to technology and community based sustainable development to clients is demonstrated through cooperation, team work, individual responsibility and accountability.

T2-Tech Engineers (PTY) Ltd has 32 employees working on various projects: 28 permanent employees: 21 Technical and 1 secretary and 6 receptionists 4 contract employees: 3 Technical 1 Secretary



PROFESSIONAL EXPERIENCE OF DIRECTORS

TSHIPULISO FRANCIS VALENTINE NDOU (*Pr. Tech Eng*)

Chief Executive Officer: T2-Tech Engineers Pty(Ltd)

Qualification

- B. Tech in Transportation Engineering (Wits Technikon)
- Higher Certificate in Project Management
- General Management Programme (GIBS) Professional Registration and Affiliation

ECSA Registration No.: 2006 70155

SACPCMP Registration No.: B/429/2006

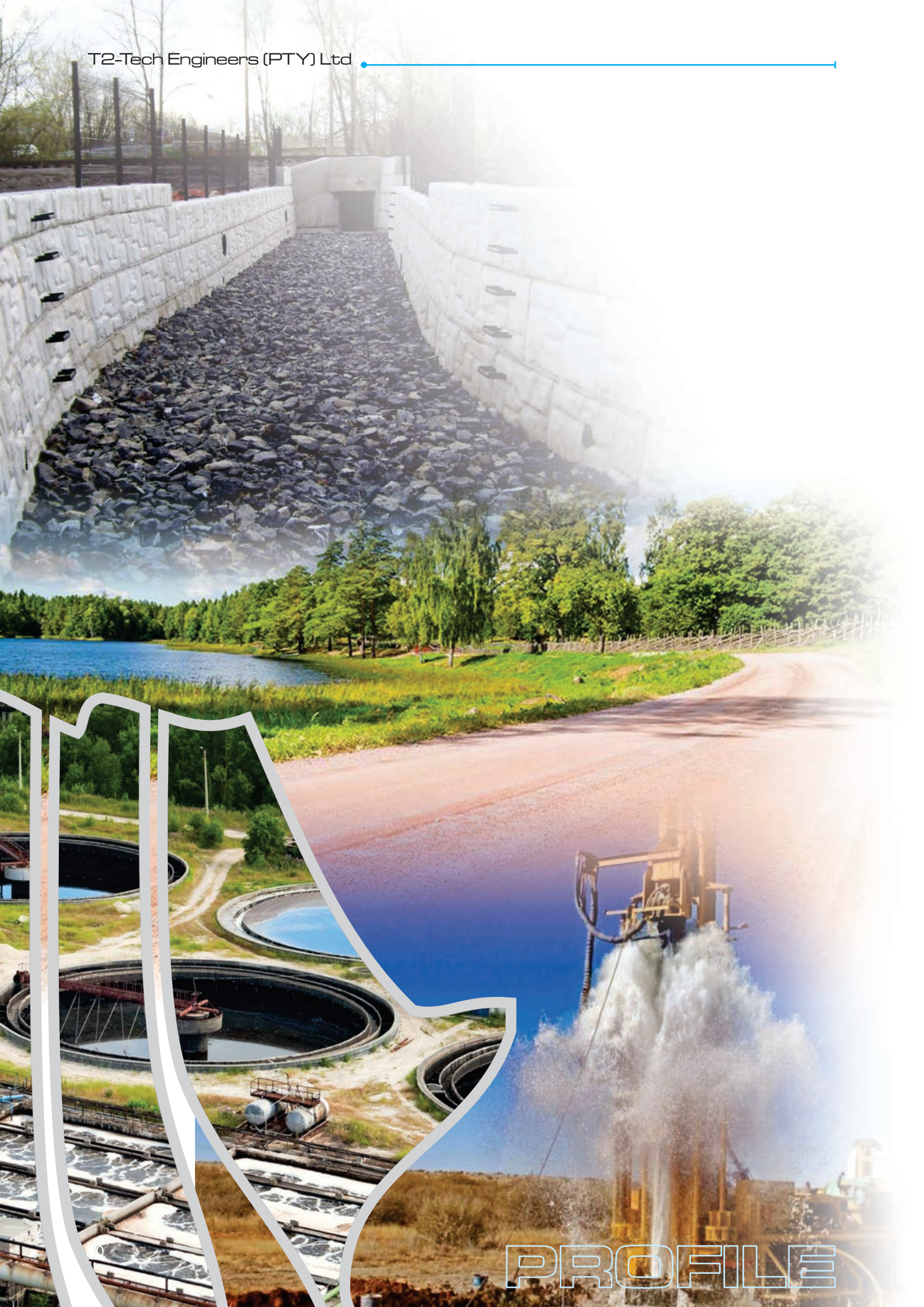
Membership: SAICE (204666), SABTACO, PMISA (4242)

JUSTICE NYATHI - Director

Qualification

- B.Tech in Civil Engineering Professional Registration and Affiliation ECSA: Registration No.: 201480541

Membership: SAICE (203484)



PROFILE

LOCAL OFFICES

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Footprints

- Polokwane
- Nelspruit
- Durban

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