

1. INTRODUCTION

T2-Tech African Management Group (Pty) Ltd (hereinafter referred to as "**T2-TECH AFRICA**") is a holding company registered in the Republic of South Africa in September 2009.

T2 TECH AFRICA is a multi-disciplinary engineering and management firm (via civil, structural, mechanical, and architectural), as well as property management and investment, events management, transportation, plant and equipment hire, environmental studies, social facilitation services and training.

T2 TECH AFRICA, in association with reputable companies, provides its customers/clients with proven engineering and management performance in programme/project management, civil and structural designs, housing project management, environmental studies and social facilitation.

2. BACKGROUND

T2 TECH AFRICA was born out of the realisation by founding member that unless the previously disadvantaged entities join hands together to utilise customised western technology and expertise with an African perspective, prospects for economic growth and development will be minimal.

The quality of service rendered by individual members **T2 TECH AFRICA** 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 AFRICA is, therefore, uniquely positioned to provide technical (construction) and professional services that are pertinent to both rural and urban communities in Africa.

3. VISION

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

4. MISSION

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

5. OBJECTIVES

T2 TECH AFRICA has adopted as its main object and main business, engineering consulting (civil, electrical, mechanical, structural), project/programme management, contract management, construction management, environmental management, mining and social facilitation, as follows:

- 5.1. the provision of cost effective engineering project management and consulting services on small and medium sized industries;
- 5.2. to uplift the african communities in rural areas by providing them with:
 - (a) job opportunities in mining and construction;
 - (b) clean drinkable water;

- (c) proper housing and sanitation;
- (d) facilitation and upliftment of emerging contractors; or
- (e) safer and proper civil engineering infrastructure.;
- (f) skills transfer and training.
- 5.3. to source and provide the best updated technical services to meet the clients' needs of expectations.

T2-TECH AFRICA 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/programme management, contract management in, amongst others, the following specialist fields:

- Municipal Infrastructues (Roads & Stormwater)
- Community Water Supply
- Sanitation and Sewerage
- Community and/or Civic Centres
- Housing Project Management
- Supply of Plant and equipment (Mining and Construction)
- Gravel and Surfaced Roads
- Stormwater Control Structures
- Project and Programme Management
- Institutional and Social Development
- High Voltage Power and Electricity Supply

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

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

6. VALUES

- Client orientation We believe in charting lasting business relationship;
- Competency We believe in creating competency through innovative programmes;
- Promptness We are committed in the delivery of service right on schedule;
- Honesty We acknowledge the premium of trust bestowed upon by its clients; and
- Confidentiality Confidentiality is one of our strongest virtues.

7. MANAGEMENT PHILOSOPHY

- 7.1. T2-TECH AFRICA's philosophy is "Integrated Technology and Sustainable Development". This philosophy is derived from co-operation of teamwork, both with in the organisation and between the organisation and its customers. Better quality services and complete customer satisfaction are of paramount importance. T2-TECH AFRICA 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 AFRICA. Extraordinary commitment of every member of T2-TECH AFRICA 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**

PROGRAMME AND PROJECT 8.1. **MANAGEMENT**

- Housing **Projects** (Housing Provision Programme)
- Turnkey Projects Delivery
- Municipal Infrastructure Management
- Contracts Administration
- Repair and Maintenance Programme
- School building Programme

CIVIL ENGINEERING INFRASTRUCTURE 8.2

- Roads and Transportation 8.2.1
- Labour Intensive Technologies
- Bridges (Design and Monitoring)
- **Construction Management**
- Roads Infrastructure
- Traffic Engineering
- Transportation and Pedestrian Planning
- Landscaping and Environmental Assessment
- 8.2.2 Water and Sanitation
- Water Supply and Treatment
- Sanitation and Treatment
- Stormwater Management
- Waste and Wastewater Management
- 8.2.3 **Building and Structures**
- Sports and Leisure Facilities
- Related Structures (Reservoirs, Pumpstations, Stormwater drainage)
- Educational and Medical Facilities
- **Bridges**

8.3 **GEOTECHNICAL INVESTIGATION**

- Site Investigation
- Foundation Designs

ENVIRONMENTAL 8 4

- **Environmental Impact Assessment and** Monitoring
- **Environmental Management Systems**
- Waste Management
- **Environmental Risk Assessment**

8.5 SOCIAL FACILITATION

- **Public Participation**
- Skills Development/Transfer and Training

ELECTRICAL & MECHANICAL 8.6

- Household Reticulation Design
- High Voltage Electical Supply

8.7 CONSTRUCTION

- Roads & Stormwater
- Structures (Roads, Building, Reservoirs)
- Low Cost Housing
- Bulk Water Supply and Reticulation
- Plant Hire
- Mine Drilling and Hauling

MINING 8.8

- Supply of Drilling Machinery
- Drilling and Hauling

9 STRATEGIC PARTNERS

- Civil Engineering Consulting T2 Tech (Civil & Structures)
- Maswika (Civil Engineering) Kone Maweja (Project Management)
- **Premier Attraction**
- 9.2 Environmental
- Tshikovha Environmental
- 9.3 Construction
- Phetlakgo Construction
- Maweja Projects
- Matukane Construction
- 9.4 Social
 - Khulasizwe Training and Development
- Kone Maweja Project Managers
- 9.5
- Ebronshavel Gem (zam)
- Muanandou NJC Investment Holding
- 9.6 Survey and Cadastral
 - Orgris Management
- **Premier Attraction**
- Plant Hire and Logistics 97
- Phetlakgo Construction
- Muanandou NJC Investment Holding
- 9.8 Electrical and Mechanical
- Mogalemole Consulting Engineering
- Mosa Consulting Engineering
- Architects and Quantity Surveyors
 R&G Consultants 9.9
- **Takgalang Consultants**
- **B.I.T Projects**
- 9.10 Project/Programme Management
- T2-Tech Consulting Engineers
- Kone Maweja Project Manager





MAJOR COMPLETED PROJECTS

Project Description/ Client	Contact Person	Project Value
Mavhunga Access Road Vhembe District Municipality	Mr. N.P Sigida	R79 000 000
Project Management Makhuduthamaga Municipality	Mr. A. Manaka	2 Year Contract
EPWP Learnership Programme	ML Mamaro	2 Year Contract



Water Resources

Construction

Environment

Urban planning

Transportation

Construction

Environment

Geotechnical

Structural

Material

Civil Engineering





CURRENT PROJECTS

Project Description	Client Name	Project Value
Construction of Alldays (Speaker Park) Internal Streets/ Stormwater	Blouberg Local Municipality	R11 900 000
Upgrading of Ga-Matamanyane Road	Polokwane Municipality	R22 000 000
Tshitale RWS Nandoni Pipeline at Tshitae	Vhembe District Municipality	R0
Construction of Ndwedwe Civic Centre	Ndwedwe Local Municipality	R15 000 000
Project Management Unit	Limpopo Local Government & Housing	3 years contract (R450m)
Upgrading of D3502 from Ga-Magonwa to Mosesetjane	Roads Agency Limpopo	R48 000 000
Project Management Unit	Makhuduthamaga Local Municipality	3 years contract (R90m)
Renovation and Construction of Schools (39 schools)	Mpumalanga Department of Public Works, Roads and Trasnsport	R 55 000 000
Project Management Services for ECD Programme	Ezemvelo KZN Wildlife	R70 000 000
C25-30 Abbatoir at Ga-Kibi (Stolzenfels 368 MR)	Independent Development Trust	R20 000 000

Project Description	Client Name	Project Value
Upgrading of Senwabarwana to Indermark to Vivo	Roads Agency Limpopo	R58 000 000
Construction of New Roads SDA 1 Area	Polokwane Municipality	R14 000 000
Upgrading of Mooiplaas to Ekulindeni Road (Kromdraai Area)	Mpumalanga:Department of Roads & Transport	R105 000 000
Thulamela Gateway-Malamulele Thusong Service Centre	Thulamela Municipality	R67 000 000
Construction of gravel Road (Turnkey Projects)	Ekurhuleni Metropolitan Municipal	R81 900 000 3 year Contract
Construction of Stormwater Infrastructure	Ekurhuleni Metropolitan Municipality	R48 000 000 3 year Contract
Turnkey Projects	City of Tshwane Metropolitan Municipality	3 year Contract

COMPANY MANAGEMENT AND SHAREHOLDERS

T2-Tech African Management Group (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 AFRICA**. Its philosophy derives from co-operation of teamwork, both within the organisation and between the organisation and its customers. Dedication of each members to technology and community based sustainable development to clients is demonstrated through co-operation of team work, individual responsibility and accountability

T2 Tech Consulting Engineers has 32 employees working on various projects:

26 permanent employees: 19 Technical and 1 secretary and 4 receptionists 8 contract employees: 6 Technical 1Data Capturer 1 Secretary

PROFESSIONAL EXPERIENCE OF DIRECTORS

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

Group Chief Executive Officer

Qualification

- National Diploma in Civil Engineering
- Higher Certificate in Project Management
- B. Tech in Transportation Engineering (Wits Technikon)

Professional Registration and Affiliations Engineering Council of South Africa Registration No.: 2006 70155

18 years experience in Civil Engineering works and project management.

SACPCMP

Registration No.: B/429/2006

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

2. ENDLANE ASHLEY NYAMBI

Director / Office Manager

Qualification

- National Diploma in Civil Engineering
- B. Tech in Civil Engineering

16 years experience in Civil Engineering and Project Management.

Membership: AMSAICE, SABTACO

3. VUSIMUZI LUCKY NDLOVU

Director/ Office Manager (Durban)

Qualification

- National Diploma in Civil Engineering
- Baccalaures Technologiae in Civil Engineering

16 years experience in Civil Engineering and Project Management.

Membership: AMSAICE (200237), IMESA







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for more information visit www.maweja.co.za