

# Civil Engineering, Construction, Mining & Property Development



































# Contents

# Pages

1	Company Profile	
3	Board Of Directors	
	Board of Birottoro	
4	Overview Of Operations	
9	Company Policies	
13	Machinery & Equipment	
14	Statement Of Experience	
19	Contact Details	
18	Clientele Listing	







#### COMPANY

Tarcon Africa (Private) Limited is an African company with headquarters in Zimbabwe. It is on e of Zimbabwe's largest civil engineering, construction, mining and property development companies. We have vast experience having operated for more than thirty years in the southern and central African regions (Zimbabwe, Mozambique, Zambia, Botswana, among others). We have opened offices in Juba, South Sudan in order to expand our operations into East Africa.

Although the Company formally began operations as Tarcon in 2001, its foundations were established in 1981. The merging of a number of earthmoving, plant hire and civil contracting companies gave birth to Tarcon



#### **OUR VISION**

"To be African's premier civil engineering, construction and mining company"



We will anticipate their needs and go the extra mile to deliver on every commitment we make.



#### Be an employer of choice

We will create opportunities to achieve the extraordinary and we will reward loyal and hard work.



#### Be Caring and Responsive to our Communities

We will embrace global and local perspectives, promote sound management of resources and contribute to a better quality of life.

#### **OUR MISSION**

To provide world class civil engineering, mining and construction solutions. Encompassing value addition and sustainable growth to our stakeholders





#### **BOARD OF DIRECTORS**

The business of Tarcon is overseen by a Board of Directors comprising of Non and Executive Directors. This board includes subcommittees to oversee critical functions of the business. The board meets four times a year on a formal basis in formulating strategies, determining investment policies and reviewing quarterly performances against previously approved budgets. Furthermore the board is responsible for identifying risk areas, monitoring and developing solutions to these areas.

#### **CRITICAL SKILLS**

Tarcon is run by a team of very experienced and qualified professionals.

The company employs and retains the best skills in the following disciplines:

- Engineering
- Quantity Surveying
- Land Surveyor
- Finance and Accounting HR Practitioners





#### **OVERVIEW OF OPERATIONS**

Tarcon Africa has delivered world class civil engineering, construction, mining and property development projects in Zimbabwe, Zambia and Mozambique.

The company has delivered thousands of kilometres of roads, rehabilitated vast tracts of railway line, carried out extensive earthworks within the region and provided impeccable mining services for over a decade. The company has a remarkable track record in the property development sector, an area that Tarcon is refocusing on. The company has expanded its operation to include dam construction, water reticulation and sewage works over the last decade.







#### **ROADS & REHABILITATION**

Tarcon, over the years has played a leading role In the expansion and development of physical infrastructure in several countries across the region. Tarcon designs and constructs new roads well as rehabilitates existing roads to standard in excess of original structure. Road recycling is arguably the future of Africa's road maintenance and reconstruction and this method of construction has been used successfully by Tarcon on several contracts. The construction method is a specialised one that utilises the existing materials of the road and strengthens them through the introduction of additives such as cement.





Tarcon's road construction capacity is not limited to Zimbabwe, as the company has constructed national roads in both Mozambique and Zambia. In Mozambique, Tarcon has been involved in rehabilitation of a number of surfaced highways, as well as the construction of rural gravel roads in extremely remote areas of the country. In some cases, this entailed construction in some of the harshest of african conditions. In Zambia, Tarcon completed numerous roads varying in specifications; from rural feeder roads through to cement stablised and surfaced national highways.

#### PROPERTY DEVELOPMENT

Tarcon's Property Development division focuses on construction of residential commercial and industrial properties. We are sensitive to the needs of different clientele and provide a variety of solutions tailor -made for particular needs. we are capable of delivering low cost housing units as well as high-end properties. Tarcon is a one-stop shop in property development as evidenced by one of our recent projects, the Darlington project in Mutare. We Have carried out bulk earthworks and the construction of roads which will be followed by water and sewer reticulation. We will also proceed to construct the housing units. We use current technology to ensure we deliver maximum value to all our clients.



















#### **WATER & SEWER- PIPE LAYING**

Tarcon has capacity to construct a full range of earth and concrete dams. In Zimbabwe our earthworks capacity is unrivaled. Our team of technically qualified and experienced personnel guarantees efficient and effective solutions.



Tarcon has successfully completed several major dam construction contracts, the most impressive of these being Mpudzi dam located in Eastern Highlands of Zimbabwe and the Chitsuwa Dam (Island Dam) for Zimplants in the Ngezi District.

Every contract has its difficulties particularly when operating in areas which present logistical challenges. To handle and manage the challenges, our operating and logistical departments draw from a large pool of equipment resources and systems.

#### **BULK EARTHWORKS**

The company has an impressive record in bush clearing for agricultural, mining and construction projects. We have cleared 980 kilometers of land for the passage of power lines from Cabora Bassa in Mozambique, to the South African boarder. we have also provided clearing services to Sasol ahead of laying gas lines through inhambane province, Gaza and Maputo in Mozambique.











#### MINING

Tarcon has developed an impressive mining record over the years. We have provided turnkey services to major international and local mining houses covering full scale opencast mining operations. Within Zimbabwe, Tarcon has carried out hard rock opencast diamond mining operations for Murowa Diamonds (Private) Limited, a subsidiary of Rio Tinto for over a decade. We have expanded our mining operations to include opencast diamond mining for Marange Resources Limited. Other mining operations include chrome and vermiculite (Zimbabwe) and coal mining in Zambia.







#### MINING INFRASTRUCTURE

Tarcon's involvement in the mining sphere is not restricted to excavation and haulage operations, but includes the ability to undertake the infrastructural development works that may be required on the mining operation. Several projects undertaken by the company have included construction of several tailings dams of various sizes, these facilities are critical to mining operations.



Tarcon has constructed large earth and concrete water reserviors as well as tailings dams for its mining clientelle.

Our expertise in the roads and earthworks division has given, Tarcon leverage in executing other aspects of infrastructural work, roads, drains, water reticulation and concrete portals.



#### **COMPANY POLICIES**

#### Healthy, Safety & Environment (HSE)

We are conscious of the potential impact that our business, by its very nature poses on the environment.

Through our policies we are dedicated to the principle of minimal ecological disturbance. in this regard, we have developed and implemented sound environmental policies to minimise adverse impact on the: climate, flora, fauna, land and water. we engage local communities to ensure that their concerns as stakeholders, are not only recognised, but also accommodated.



#### **OPERATIONAL SAFETY**



Safety is a priority for Tarcon, we strive to achieve zero harm. Tarcon has world class Health, Safety And Environment (HSE) policies and processes which are strictly adhered to. In 2004, the company received a safety award from Zimplants for 365 lost Time injury free days which is testimony to Tarcon's dedication to delivering results without compromising safety.

Each project has a dedicated health and safety team which has the training and capacity to effectively manage on-site SHE functions.









We not only strive for excellence We reach for greater heights in our values.



#### **HUMAN CAPITAL & TECHNICAL EXCELLENCE**

Tarcon aspires to provide its clients with cost- effective solutions by employing the "best" in the market. We recruit from the region and beyond.

Our staff undergo continuous training and development to keep them abreast with changes in practices and technology. Technical staff are seconded to our major Equipment Vendors to ensure they are equipped with the requisite skills and knowledge of the plant and equipment we use on a daily basis. This enables us to minimise down time and maximise productivity.





Tarcon has a solid human capital base that includes: Civil and Mining Engineers, Land Surveyors, Quantity Surveyors, Estimators, Soil Technicians, and various other technical staff. Departments such as Finance, Commercial Risk & Audit, I.T. and Human Capital are staffed with competent and experienced staff to ensure that clients get the best of front and back office service.









#### **CORPORATE SOCIAL RESPONSIBILITY**



We recognize and embrace our responsibilities to the community. We undertake a variety of initiatives which include: sinking of boreholes and construction of soccer fields as well as other activities that are beneficial to the local community. It is also the company's policy to recruit as much as possible from the communities in which we implement our projects. This results in employment creation for the locals. Our projects invariably result in empowerment of related downstream industries such as suppliers within the community.

#### **PLANT & EQUIPMENT**

Tarcon is one of the largest civil engineering companies in Zimbabwe. We have facilities that enables fast and effective turn around of machine repairs.

Tarcon has standing arrangements with renowened companies to ensure full service support and spares availability. The Vanduzi workshop operates as the hub for the Mozambican operations and capable of carrying out major repairs and services to the extensive fleet that is located in that country. The plant consists of over 350 front-line production units and some 149 pieces of support equipment.





#### **EQUIPMENT**

**Bulldozers** 

**Graders** 

**Excavators** 

T.L.Bs

Front End Loaders

Reclaimer

**Tipper Trucks** 

**Articulated Dump Trucks** 

**Water Bowser** 

**Water Bowser Trailer** 

### **EQUIPMENT**

**Tipper Trailer** 

**Low Bed Trailers** 

**Mobile Workshops** 

**Dump Trailers** 

**General Trailers** 

**Fuel Tanker Trailer** 

Truck Horses

Flat Trucks

AND A STATE OF

Tractors

**Vibratng Rollers** 

Pedestrain Rollers

Static Rollers

**Pneumatic Rollers** 

**Towed Rollers** 

#### **EQUIPMENT**

**Plate Compactors** 

**Binder Distributors** 

Chipspreaders

**Mechanical Brooms** 

Road Marker

**Concrete Mixers** 

**Poker Vibrators** 

#### **LIVERY**

**Light Vehicles** 

**Motor Cycles** 

#### **ACCOMMODATION**

Caravans

Portable Homes

#### **MISCELLANEOUS**

**Ancillary Equipment** 

Generators

Water Pumps

Radio's/ Satelite Phones

**Survey Equipment** 

**Mobile Canteens** 



#### STATEMENT OF EXPERIENCE

We operate extensively within Southern Africa, a sample of some of the projects which we have been involved in are summarized below.

#### **MINING PROJECTS**

#### The Provision Of Mining Services At Murowa Diamonds (pvt) Limited

The scope of work includes: kimberlite free dig, overburden removal, ore and waste haulage, maintenance of; access roads, access ramps, haul roads and stockpiling of ore and waste.



#### The Exploration Of Matapurwa Coal Deposit (chiredzi)

We carried out exloration works to establish the overburden/ coal ratio for the client (Verify Engineering). The total amount of waste to removad was 45, 000 tonnes and 33, 000 tonnes of coal was stockpiled. The scope also included: the maintance of approximately 12 kilometers of access roads and haul roads.







#### **ROAD PROJECTS**

#### **UNKI ROAD**

This project was part of a development to provide additional housing for Unki Mine (Anglo Platium) employees. Tarcon, constructed 25 kilometers of paved roads including all the associated drainage works.



#### NGEZI- SMC ROAD

This project was a massive undertaking and was completed in just 7 months. Tarcon was a member of the Ngezi Road joint venture, responsible for constructing 40 kilometers of surfaced road for use by platinum ore road trains. This was for Zimbabwe Platinum Mines Limited (Zimplants). The scope of work included a total road length of 70 km as well as several major bridges.





#### **RURAL ROAD PROGRAMME**

This project was for the construction, rehabilitation and improvement of 21,500 kilometers of planned rural roads throughout Zimbabwe. This large development project was jointly funded by the Zimbabwe government and KFW of Germany. It was implemented under the supervision of German consultant, GITEC consult. Tarcon was one of the major roadwork contractors on the programme with provision of up to 5 individual road construction units per year country wide. Work included bush clearing, earthworks, drainage, formation and graveling of roads.



#### STATEMENT OF EXPERIENCE

#### PROJECT: Road Reconstruction From Nyazura To Machipanda Border Post

The client was Intralink (a joint venture between ZINARA and group 5). The scope of work included resurfacing, reclaiming, cement stabilization, pothole patching and drainage over a hundred kilometers stretch.

#### **PROJECT:** The Rehabilitation Of Sofala Roads

The construction and rehabilitation of over 500km of gravel roads in the Sofala Province of Mozambique for ANE Mozambique. The scope also included the construction of concrete drifts and several bridges in addition to the bulk earthworks.

#### PROJECT: Kasama - Luwingwu Road Construction And Rehabilitation

We were sub-contracted to execute the bulk earthworks and construction of the road carriageway up to the point where paving could begin.

#### **DAMS & BULK EARTHWORKS**

#### **PROJECT:** The Rehabiliation Of The Dondo Senna Rail Link (Mozambique)

We undertook earthworks for the rehabilitation of the Dondo Senna Rail Link, which terminates at the Moatize coal feilds in the Tete province. In addition to the above line, the Inhaminga Marromeu Branch line also underwent maintenance work. The total distance of both projects was 636km

#### PROJECT: Chitsuwa Dam - Ngezi

Mhis contract was for the construction of Chitsuwa Dam for Zimplants (Impala Platinum), to provide water supply to the mine. The scope of work involved Core- Trenching, constructing Earth Wall (60,000m) and access roads.

#### **PROJECT: Mpudzi Dam Construction - Near Mutare**

This contract was for the construction of a major dam in Eastern Zimbabwe near Mutare. The dam was a conventional earth fill dam with an open channel spillway (500, 000m capacity). The scope of work included a wall, which was twenty metres high.

#### **PROJECT:** City of Harare Road Rehabilitation and Reconstruction Projects

This project involved road reconstruction and reseals as well as asphalt overlays on major Harare City and Residential roads covering 20 roads in total.



#### **PROJECT:** New Tailings Dam For Zimphos Msasa

The project was for the site clearance of 6.8ha including the removal of trees, the excavation to subgrade level over the Dam footprint and the construction of the earth walls (30,000m). The scope of work included contsruction of filter and return water drains, as well as construction of minor access roads.

#### **PROJECT:** New Tailings Dam For Murowa Diamonds (pvt) Limited (Rio-Tinto)

Construction of starter wall and toes walls (31,000m) including toe drain, seepage sump, solution trench, access road, laying of delivery and drainage pipes.

#### **PROJECT:** Chtisuwa Dam Transfer Pipileine

The Chitsuwa Dam project was for the transfer of water from the dam to the mine via a transfer pipeline. The scope of work for Tarcon on this element of the project was the construction of the 600mm diameter ductile iron pipeline including all the necessary mechinical and electrical scope for the pumped sections of the pipeline.

#### **PROJECT:** Mozambique - Bush Clearing To The Power Line

A major project involving the bush clearing of 1,500km for the two power lines running parallel to each other from Caborra Bassa Dam to the South African boarder. Client- Sasol

#### PROJECT: Mozambique - Emergency Opening Of Roads In Manica And Tete Provinces

The Emergency Road Opening Programme was a nation- wide programme funded by various international donors. The Manica and Tete Provinces were funded by KFW of Germany, and supervised by GITEC Consult. the project involved clearing and rehabilitation of 2,630km of state roads in the two provinces. Tarcon carried out earthworks, road formation, drainage, gravelling and bituminous surface repairs.

#### PROPERTY DEVELOPMENT

#### **PROJECT:** Darlington Housing Development - Mutare

We were involved in infrastructure development and housing construction in Mutare- low density housing.

#### **PROJECT:** Zimbabwe - Gletwyn Housing Development Phase 1

Tacon was the main contractor for the low density development project, which included roads, storm water drains and water reticulation.

# **PROJECT:** Budiriro Road Construction, Water and Sewer Reticulation For The CABS Housing Project









#### **SOME OF OUR CLIENTS**







































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