



rendeals
four consulting
Engineering Inspirational change

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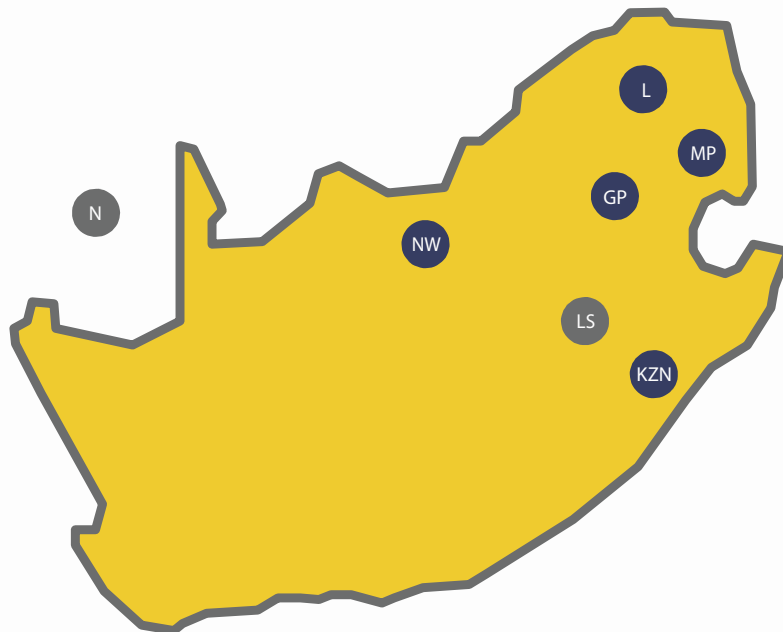
OVERVIEW

Rendeals Four Consulting is a South African based professional services company that is 100% black owned. We operate in the infrastructure and development market, specializing in civil engineering, quantity surveying, project management and management consulting services.

Backed by more than 30 years experience in multidisciplinary infrastructure projects, the Rendeals Four Consulting team has a strong project management and engineering knowledge base with the technical expertise necessary to undertake projects from inception through their various stages to completion. This knowledge base enhances our capacity to deliver on projects of a varying nature.

Rendeals Four Consulting was founded in March 2001 and over the years our network has grown from one office to the current five offices situated in five provinces of South Africa namely; Gauteng, Limpopo, Mpumalanga and North West and KZN. The company also has satellite offices in Maseru (Lesotho) Windhoek (Namibia). From these offices, we have over the years been able to deliver on projects in the Free State Province (South Africa) and select countries on the African continent namely in Angola, Cameroon, Mozambique.

PRESENCE



- | | |
|--------------------|---------------|
| L LIMPOPO | MP MPUMALANGA |
| GP GAUTENG | NW NORTH WEST |
| KZN KWA-ZULU NATAL | LS LESOTHO |
| N NAMIBIA | |

VISION

An African world-class provider of innovative solutions.

MISSION

To provide sustainable socioeconomic development and business solutions through:

- Providing a holistic approach to infrastructure development
- Attracting, training and retention of highly skilled human resources
- Applying innovative project management approaches in development facilitation.
- Continuous research for systems and solutions geared at supporting delivery in our business environment.
- Provision of responsive management solutions.

BUSINESS VALUES

To ensure that a coherent and shared organizational culture is aligned to the strategic vision, mission and objectives of the company, Rendeals Four Consulting embraces the following business values:

- Professionalism: We conduct our business beyond acceptable standards with integrity and courtesy
- Efficiency: We always deliver quality, high value services and projects on time.
- Transparency: We are flexible and open in communicating with colleagues and clients.
- Entrepreneurship: We embrace innovation to create growth.
- Responsiveness: We account for all work done and are proactive in delivering services to clients.

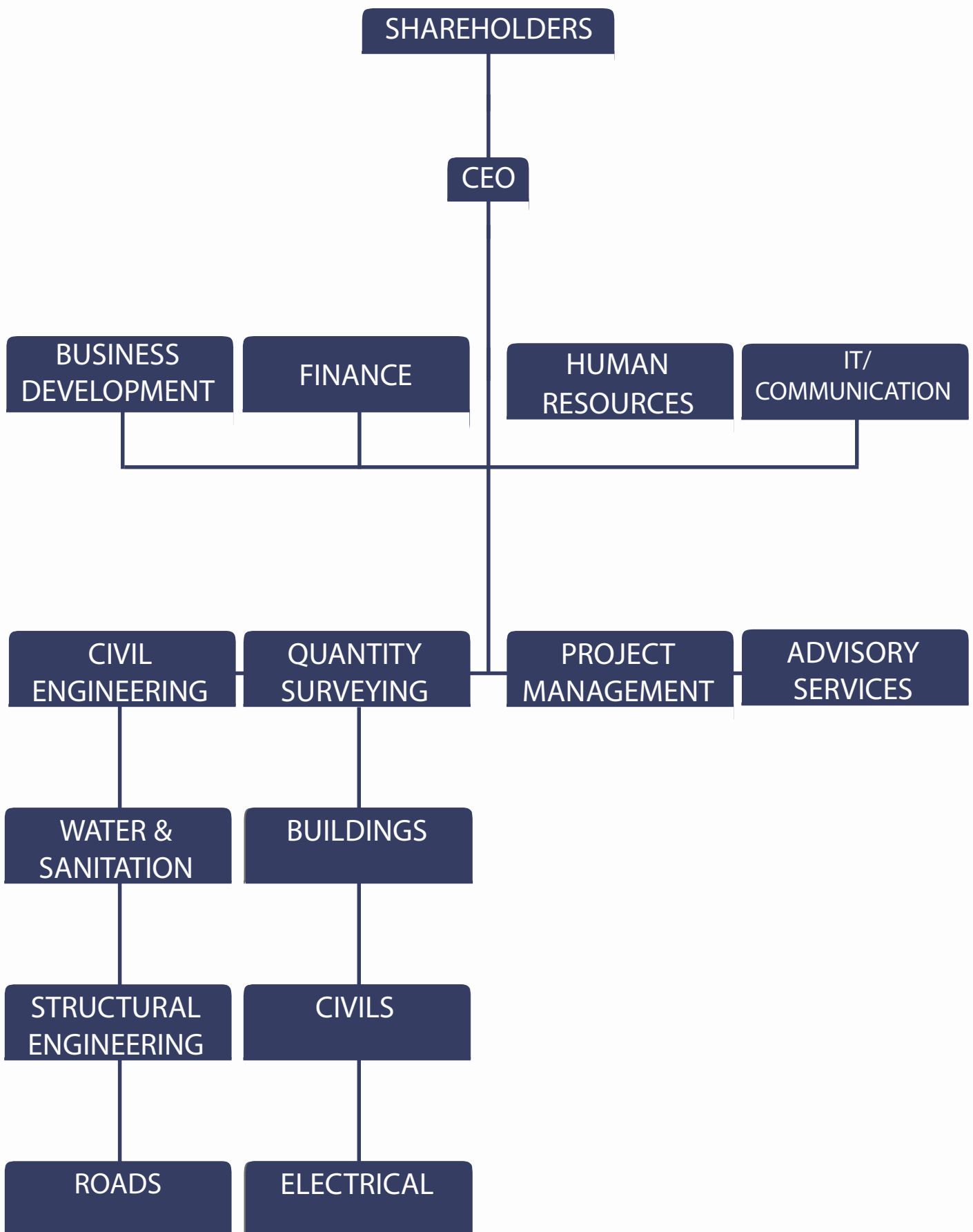
STRATEGIC OBJECTIVES

Our strategic objectives are to:

- Maintain a track record of efficient delivery of services,
- Promote and develop team effort,
- Retain results driven and performance based culture,
- Build sustainable, reliable and profitable relationships with clients, suppliers and associates.

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- *We always deliver quality, high value services and projects on time.*
 - *We embrace innovation to create growth.*

GOVERNANCE & MANAGEMENT STRUCTURE



SERVICE OFFERING: CIVIL ENGINEERING

Our main focus is to render services to both public and private sector clients. We continuously strive to provide excellent professional services consistent with our reputation relying on the extensive experience and competency gained through the years by our practitioners.

Our Civil Engineering Division capacity lies in;

Roads, Structures, Water & Sanitation Projects

- Planning and design
- Measuring and costing
- Evaluation and negotiation
- Project management and quality assurance
- Project audits

Structural Engineering

- Schematic Design
- Detailed Design
- Procurement
- Construction Supervision



DELIVERY CAPACITY

Our Civil and Structural Engineering team has to date designed in excess of 350 kilometres of roads, most of the secondary roads being upgrading of gravel to tar road projects. We have dedicated water services and structural engineering departments with capability to execute large projects from feasibility to implementation. This includes conducting feasibility studies and design of large scale water projects.

To date we have designed and implemented in excess of 400 kilometres of bulk pipeline, water reticulation, sewer lines, reservoirs, water treatment plants, multi storey buildings, sports facilities, mining projects (e.g. conveyor belts) and bridges.

Some of the projects that we have been engaged in are Makhuvha Stadium, Mabopane Railway Station, D192 Marken Road, Scheizer Reinecke to Myra Road, Moutse Bulk Water, Makhado Sinthumule Bulk Water, Bebeluane Industrial Park (Matola, Mocambique), Ventersdorp Water Treatment Works and Musina Internal Sewer.

Within the Civil Engineering team are qualified staff that are registered with Engineering Council of South African (ECSA), South African Council for the Project & Construction Management Professions and SABTACO.

To date we have designed and implemented in excess of thirteen (13) bulk water treatment plants and water reticulation projects with in excess of 400 kilometers of bulk pipeline.

PROJECTS

ROADS:

D192 (MARKEN ROAD) - WATERBERG DISTRICT- LIMPOPO PROVINCE, SOUTH AFRICA

Client: Roads Agency Limpopo (RAL)

Upgrading of road D192 (from gravel to tar) from Marken town to the intersection with road D2644, a length of 26.2 kilometers. The road serves as an alternative route to Road P19/1 through the "Kloof Pass" which has steep gradients and sharp curves which are hazardous to heavy vehicle due to the chances of brake failure. This section of road through "Kloof Pass" is also prone to rock falls especially during the rainy season and require extensive and expensive remedial works to the adjacent embankments.

The project needed to integrate the rural population living in remote areas into the mainstream of the country's economic and social life by providing an all weather road link, as well as to establish a wider national road network. A socioeconomic impact assessment was also undertaken which consisted of a social and economical research with particular emphasis on the local community. The engineering study consisted of traffic study and a materials investigation. Further engineering consisted of the geometric design, a hydrological study with associated storm water management. The hydrological study indicated that the existing bridge structure over the Klein Mokgalakwena River was too small and had to be replaced by a 64m four span bridge structure.

As this road was intended to be an alternative to the "Kloof Pass" the pavement design was critical and had to be optimized to cater for the expected growth in heavy laden vehicles and to provide the critical link to the fast growing Lephalale area where massive coal mining and the R4 billion expansion of Medupi Power Stations are taking place.



WATER & SANITATION:

MOUTSE BULK WATER SUPPLY - SEKHUKHUNE DISTRICT - LIMPOPO PROVINCE, SOUTH AFRICA

Client: Greater Sekhukhune District Municipality

The Moutse Bulk Water Supply Project is located in the Greater Elias Motsoaledi and the Ephraim Mogale Local Municipalities, west of Groblersdal and Marble Hall in the Limpopo Province (South Africa). It is a unique bulk water supply project of international standard particularly in terms of being financially, technically, socioeconomic and environmentally sound.

The project will supply free basic water to the inhabitants of the Moutse region, as per the policy of the government of South Africa. The project is economically sound in that it will supply water at the lowest possible pumping costs, taking water from the Olifants River at Groblersdal which is situated 80m and 140m higher than the other two existing water abstraction points at Marble Hall and the Flag Boshielo Dam respectively. It therefore saves considerable amounts of energy costs while following the shortest route to Moutse East where 75% of the inhabitants of Moutse reside. The pumping main to Moutse East and the gravity pipeline to Moutse West will cut right through the heart of Moutse and will ensure that all the reservoirs and steel tanks have constant supply of water. It also consists of an extended Groblersdal Water Purification Plant and a 6,62km long pumping main with a diameter of 500 mm to two reservoirs on the western outskirts of the town of Groblersdal. At these reservoirs a pumping station will pump water via a 30,9km long pumping main with a diameter of 600 mm to the Lusaka Reservoirs in Moutse East. On route a 4,5km long branch pipeline will supply water to the Elandsdoorn Reservoir in Moutse East. The entire Moutse East will therefore be supplied from the Lusaka and Elandsdoorn Reservoirs, including the Philadelphia Hospital at Dennilton and the shopping centre at Elokshishini. The gravity pipeline to the Spitspunt Reservoir in Moutse West will be 51,353km long and will supply all the villages in the northern parts of Moutse East and the entire Moutse West with bulk water. The estimated cost of the is R560m at 2010 price levels.



PROJECTS

SPORTS AND RECREATION:

MAKHUVHA SPORTS FACILITY

Client: Thulamela Local Municipality - Vhembe District - Limpopo Province - South Africa

A 5000 seat capacity pavilion with ancillary facilities including tennis Courts; basketball Courts; Volleyball Courts and swimming pools.



SERVICE OFFERING: QUANTITY SURVEYING

Our main focus is to render services to both public and private institution sector clients. We continuously strive to provide excellent professional services consistent with our reputation relying on the extensive experience and competency gained through the years by our practitioners.

(Building, Civil and Electrical Projects)

Traditional Quantity Surveying Services:

Feasibility and Sensitivity Analysis, Cost Advice and Cost Planning, Contract Advice and Procurement, Contract Administration, Cost Control and Preparation.

Additional Quantity Surveying Service:

Replacement Cost Analysis, Reinstatement Assessments, Work in Progress Assessments and Dispute Resolution.

Specialised Quantity Surveying Service:

Loan Audits, Supervisory QS-Watching Assessments and Construction Loss Adjustment Assessments.

Accompanying Services:

Asset Register Compilation, Whole Life Cycles Asset Maintenance and Cost Advice, Determining Maintenance Budgets and Managing Maintenance.

Project Management

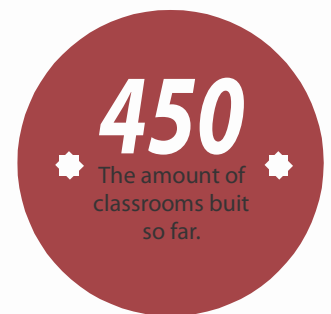
Contract Administration, Time Management and Planning, Value Engineering.

Construction Management

Sub Contractor Management, Cost Control, Procurement, Mentorship Programme and Field Management.

Development Management

Project Viability Studies, Land Assessment, Project Funding and Financial Engineering.



DELIVERY CAPACITY

Our quantity surveying team has the required experience in feasibility planning, costing and delivery of complex projects of varying magnitudes. Over the years we have gained valuable experience in providing services in social and commercial infrastructure projects. These include residential, educational, health, electrical and office projects. Within the team, there are qualified staff registered with the Association of South African Quantity Surveyors, South African Council for the Project & Construction Management Professions, Project Management South Africa and SABTACO.

Our quantity surveying team has the required experience in feasibility planning, costing and delivery of complex projects of varying magnitudes.

To date we have built in excess of 500 classrooms, numerous health facilities (we are part of the design team for the Limpopo Academic Hospital), a total of 6 office projects, 2 warehouses/factories, 3 police precincts Ekurhuleni Metro Police Department, South Africa (EMPD) and in excess of 10 000 low cost housing and social housing units.

PROJECTS

HOUSING:

KLIPTOWN GOLF COURSE PRECINCT – SOWETO GAUTENG PROVINCE, SOUTH AFRICA

Client: Department of Local Government and Housing, Gauteng Province, South Africa

The Kliptown Golf Course Precinct project is located in Soweto, Johannesburg. It is a turnkey project for construction of bulk earthworks, installation of infrastructure (sewer and water) services, and 934 residential units of different typologies and external works.

The contract was executed in two sections; Section 1 comprising civil works and 561 housing units of differing sizes and configuration with a total value of R75.5m and Section 2 comprising 373 Housing units of differing sizes and configuration with a total value of R58.8m.



SCHOOLS:

XHIRULURHULU PRIMARY SCHOOL

Client: IDT, Giyani, Limpopo Province, South Africa

The Xhirulurhulu Primary School (Grade R to Grade 7) was implemented as part of the "Eradication of Dilapidated Schools" programme within the Limpopo Province. Rendeals Four Consulting was appointed as Quantity Surveyors as well as Principal Agent and led the team of consultants through the implementation of this project. The School is a state of the art facility.

The project entailed construction of multiple school buildings, civil works and landscaping. The school has 16 classrooms, a laboratory, computer and multimedia centre, a library, multipurpose classroom and administration block. In addition to this are a multipurpose hall and ablution facilities and also the equipping of the science laboratories; computer and multimedia centre and all required furniture for the school. A rainwater harvesting system was also incorporated into the school to ensure the sustainability of the landscaped areas and to irrigate the school's vegetable garden.



PROJECTS

COMMERCIAL BUILDINGS:

VHEMBE DISTRICT MUNICIPALITY OFFICES - LIMPOPO PROVINCE, SOUTH AFRICA

Client: Vhembe District Municipality - Limpopo Province - South Africa

This is a Greenfield project wherein Rendeals Four Consulting has been appointed as a lead partner in a consortium with the brief to conduct a feasibility study, design, and commission and supervise the construction of a 16000 m² office accommodation for the client. Our role includes project management, quantity surveying and civil and structural engineering services.

We are involved in the site selection process and coordination of all related elements including site evaluation for bulk services, geotechnical investigations, traffic studies and environmental impact assessment.



• R250m

HOUSING:

PHOMOLONG HOUSING PROJECT - MASERU, LESOTHO

The seven storey apartment blocks architecture has been driven by unique forms, textures and hues of the Mountainous Kingdom. From the mystical waterfalls that plunge through the country to the monumental sandstone cliffs that abound the countryside, all have played part to the content and context of the building.

The 7 storey apartment will be serviced with two elevators, allowing universal access to all levels. Communal laundries will be located in each tower. As the site ground level will be used for parking, a roof garden including children's crèche, gyms and play areas provided, safe from traffic and secure from the street. Roof gardens will also be located on balconies of the levels 4 and 5 and Penthouse level.

Solar PV cells will be installed on the roof to feed into the grid. Rainwater harvesting is incorporated to assist in the irrigation of the roof garden and apartment balconies. It is envisioned that most of the building will have the ability to be naturally ventilated and each tower will have a light well to filter natural daylight within their courtyard spaces, thereby reducing the necessity to artificially illuminate them. All light fittings within the units will be LED and all showers will have low flow roses installed. The exterior walls will also be insulated to reduce the need for heating the interior winter.



• R80m

PROJECTS

INDUSTRIAL BUILDINGS: SWIFT AIR INTERNATIONAL OFFICES AND WAREHOUSE - GAUTENG PROVINCE, SOUTH AFRICA

Client: Swift Air International - Gauteng Province - South Africa

New warehouse and offices for Swift air international is situated in Jet Park -Boksburg within the jurisdiction of Ekurhuleni Metropolitan Municipality and approximately 7km from OR Tambo International Airport. The building has a total building area of approximately 1264.56m² with ground and mezzanine floors that provide a large warehouse and office space.

Swift Air International is an international airfreight company with similar warehouse facilities in Durban and Cape Town which are used to store goods and documents.



SERVICE OFFERING: PROJECT MANAGEMENT & MANAGEMENT CONSULTING

Project Management and Advisory Services

Our approach in delivery of projects is based on the following key stages of project development and management;

- Project initiation
- Project conception and design (including conclusion of project plan)
- Contracting and/or procurement
- Resource mobilization and project implementation (monitoring and evaluation is integrated in approach)
- Project closeout

We strongly believe that being a multidisciplinary firm affords us an advantage to draw from lessons gained in diverse projects and integrate the lessons learnt therein to increase our delivery capacity. Our strong engineering background drives us to always focus on efficiency in resource (including time) utilization.

Rendeals Four Consulting has the required experience to provide project management solutions in both hard (e.g. building and infrastructure) and soft (e.g. strategy formulation, development planning and programme management) project environments.

PROJECT MANAGEMENT PROCEDURES AND QUALITY CONTROL

Rendeals Four Consulting has the required Project Management experience in provision of infrastructure, managing complex projects of varying magnitude. Over the years, we have gained valuable experience in providing services for delivery of various facilities, roads and storm water infrastructure in aid of our clients' investment plans.

Rendeals Four Consulting has embarked on an internal project aimed at developing its project management processes, procedures and systems. The ultimate aim is to attain ISO standards by end of the 2014 financial year.

PROJECTS

ASSGISA SKILL FUND PROJECT - R11.5m

- Implementation of the a 3 year skills development project

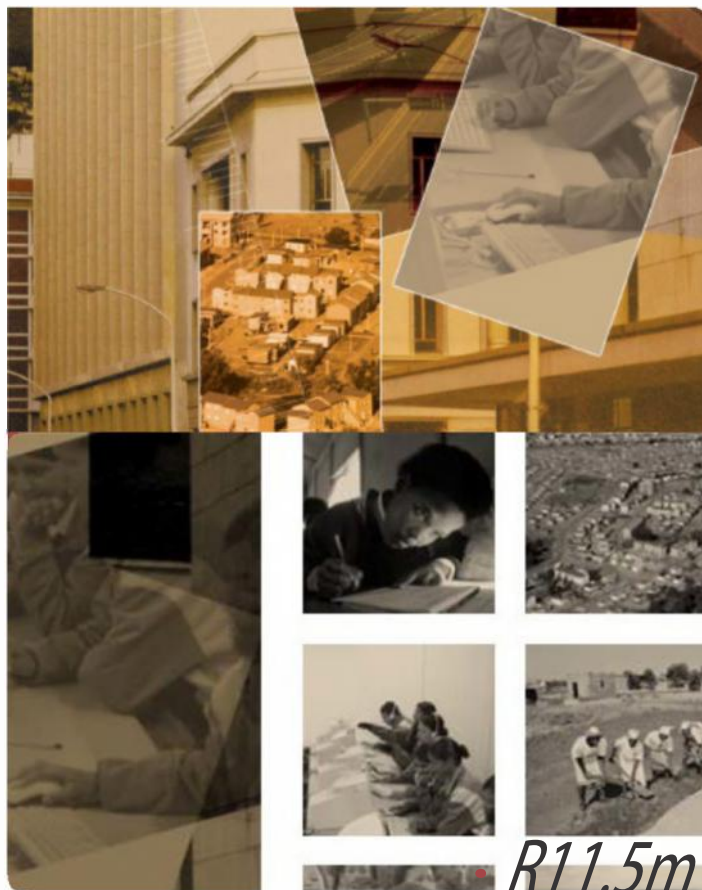
MAPUTO CORRIDOR FLAGSHIP PROGRAMME - 16m

- Revitalization of Maputo Corridor Project

PROJECTS

ASSIGISA SKILLS PROGRAME - LIMPOPO PROVINCE, SOUTH AFRICA

The project constituted one of the nine skills development programmes in S.A, one for each province. Our role was to establish a system for planning and maintaining the training of youth in diverse skills across different sectors of the economy of Limpopo Province in support of the roll out of their Provincial growth and development strategy. We ran the programme in partnership with PWC and our scope covered procurement and management of training providers, management of the beneficiaries and dispensing remittances to trainees over 3 years.



MAPUTO CORRIDOR FLAGSHIP - MPUMALANGA PROVINCE, SOUTH AFRICA

One of the flagship programmes of the Mpumalanga province. With the N4/N12 corridors as a logistics backbone our mandate was to conduct feasibility studies and package projects for implementation by public and private sector players in support of key economic sectors of the province. Our target area was 50km north and south of the corridor, with Bronkhorstspuit/Delmas as starting point and Maputo Harbour as end point. The project therefore also sought to promote regional integration through socio-economic investment. Project duration – 3 Years.



MDCP Projects



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