



# **ENGINEERING & CONSTRUCTION**

## **COMPANY PROFILE**



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## **1. INTRODUCTION**

Horstein Construction is a project company which is focused on delivering general building and civil engineering contracting, management contracting, construction management and project management services in the built environment. Horstein is based in Harare and has presence in South Africa and Botswana.

### **Mission statement**

The mission of the company is to deliver prime building and civil engineering services in order to deliver prestigious building, civil engineering, infrastructure projects in the transport sector, sports facilities, industrial plants that deliver enhanced value to clients.

### **Core Purpose**

To undertake construction services for the built-environment and development for projects that contribute to the development of Africa.

### **Vision Statement**

To be the most sought after construction services company of first choice in Africa in 5 years.

### **Key Competencies**

Our key skills include prime contracting, construction management, project monitoring and evaluation, project management, design management. Our market focus is building and civil engineering projects including low and high rise buildings, roads, dams, bulk water supply and waste water treatment, power generation, sports facilities such as stadia, industrial process engineering, pipelines, railway infrastructure and stations and airports. Horstein business strategy is underpinned by relationship marketing and management. Through this Client based strategy, Horstein's list of Client base continues to grow.

## 2. CORPORATE INFORMATION

The following summarises the corporate information.

Harare Office Address	No. 41 Camberley Road Ashdown Park  Workshop - Stand No. 3442 Tynwald Harare. Cell 0773 473 544.  P.O. Box A 1287 Avondale Harare
Telephone	+ 263 8644 124 848
Telefax	+ 263 4 306964
E-mail	<a href="mailto:smchiswo@gmail.com">smchiswo@gmail.com</a>
VAT No.	10020332
Attorneys	Muvingi & Mugadza
Johannesburg Office	Unit 5A Palm Springs 100 Johannesburg Road, Lyndhurst 2076 Johannesburg, South Africa
Telephone	+ 27 11 039 5371
Fax	+ 27 86 585 8275
E-mail	<a href="mailto:smchiswo@gmail.com">smchiswo@gmail.com</a>

### Registration

Registration categories in which the company is registered:

- Category A ZBCA building and civil engineering
- Category A CIFOZ building and civil engineering

### 3. MANAGEMENT

Senior management of Horstein comprise the following:

#### **Sherman M. Chiswo - Managing Director**

Sherman Chiswo has 23 years' experience in construction and infrastructure development. Key competence areas include construction management, contract management, risk management and project management from project inception to handover. Sherman has worked in the SADC region including Botswana and South Africa. He holds an MBA in Construction and Real Estate from The University of Reading UK, MSc in Project Management - University of Pretoria, a BSc. Engineering Hons (Civil) - University of Zimbabwe. Sherman is responsible for general management, business strategy, contract management, business development. He is a registered professional engineer, a member of the Zimbabwe Institution of Engineers (ZIE), South African Institute of Civil Engineers (SAICE), Project Management South Africa (PMSA), Association of Arbitrators and The Royal Institution of Chartered Surveyors.

#### **Charles Sungwa – Commercial Director**

Charles Sungwa has more than 20yrs experience in Quantity Surveying, specializing in cost management and contractual claims consultancy. He is a Chartered Surveyor has worked as a Quantity Surveyor up to director level in Zimbabwe, Botswana, United Kingdom and Republic of South Africa. Charles has worked as a key member on several internationally recognized building construction and civil engineering projects. Charles is a holder of an MSc. Project Management (University of Greenwich,UK), Post Graduate Certificate in Construction Law& Dispute Resolution (University of Central Lancashire, UK), Diploma in Quantity Surveying (CEM,UK) and a National Diploma in Construction Engineering. He is a professional Member of The South African Council of Surveyors (PrQS), a professional Member of The Association of South African Quantity Surveyors (PMAQS) and a Member of The Royal Institution of Chartered Surveyors, UK(MRICS)

#### **Tsika Nemato – Technical Director**

Tsika Nemato has more than 20 years experience in Civil Engineering in various portfolios including design of roads, stormwater, sewer and related municipal infrastructure. He is a professional engineer and registered mentor in the built environment. Tsika holds an MSc Real Estate, University of Pretoria, MSc Project Management, University of Pretoria, South Africa 1991 and Bachelor of Science Engineering (Honours) from University of Zimbabwe. He is affiliated to the following professional institutions: SA Council for the Project & Construction Management Professions (Reg. No. D/667/2005) Professional Civil Engineer, Engineering Council of South Africa (ECSA) (Reg. No. 960543) Corporate Member, Institute of Municipal Engineers of South Africa (Member No. N760) Competent Person, National Home Builders Registration Council (Reg. No. 1081) Corporate Member, South African Institution of Civil Engineering (SAICE) (Member No. 966600) Corporate Member, Zimbabwe Institution of Engineers (Member No. ZIE952692) Associate Member, Chartered Institute of Business Management (Member No. 0103004) Associate Member, Association of Arbitrators (Southern Africa) (Member No. 1870)

#### **Langton Kunaka – Contracts Manager**

Langton Kunaka has 19 years experience in management of construction projects. He holds a BSc Eng. Hons from University of Zimbabwe. Langton is responsible for operations management of all building construction projects.

**David Moyo – Contracts Manager**

David Moyo has 16 years experience in management of construction projects. He holds a BEng. Hons from University of Johannesburg. David is responsible for operations management of all civil engineering projects

**Douglas Macheke – Project Manager**

Douglas Macheke has 15 years experience in commercial management of construction projects. He holds a BSc Eng. Hons from University of Zimbabwe. Langton is responsible for technical operations of all construction projects

**Teckson Sibanda - Projects Quantity Surveyor**

Teckson Sibanda has 20 years experience in commercial management of construction projects. He holds a National Diploma in Quantity Surveying from Harare Polytechnic. Redding is responsible for commercial management of construction projects.

**Yeukai Sikuyakufa- Estimator**

Yeukai Sikuyakufa has 18 years experience in Estimating and Commercial administration in construction. He holds a Diploma in Estimating and Tendering from City and Guilds College in the U.K. He is responsible for bid management.

**Cain Dlamini - Site Agent**

Cain Dlamini has 20 years experience in construction supervision and site management. He is responsible for site management.

**Tichaona Phillip - Site Agent**

Tichaona Phillip has Certificate in Land Survey and has 18 years experience in land surveying, construction supervision and site management.

**Owen Mandaza - Administrator**

Owen Mandaza is has 5 years experience in administration and finance. He holds a Bachelor of Education degree in Educational Administration Planning and Policy Studies.

## 4. CAPABILITY

The capabilities of Horstein cover the following areas:

- Construction – Civil Engineering and Building
- Strategic Alliance with Rondebult Construction Machinery
- Management Contracting
- Construction Management and Project Management
- Development Management
- Infrastructure Development
- Engineering, Construction and Procurement
- Transaction Advisory
- Engineering Services
- Public Private Partnership Facilitation
- Project Finance Facilitation
- Cost Engineering and Quantity Surveying

### **Construction**

Horstein is a leading construction company known for our ability to meet client requirements while delivering high-quality projects. Our management expertise and comprehensive services cover the civil engineering and building construction sectors as general contractors. The market sectors covered are low and high rise office, residential and commercial buildings, roads, heavy civils, sports facilities, railway infrastructure and transport intermodal facilities. Over the years Horstein has built capacity to operate as a design and construct constructor on prestigious developments for the whole life cycle of the project. We also have a strong commitment to health and safety and we operate incident & injury free wherever we have a presence. A national delivery capability, combined with a sector-focussed approach, allows us to provide innovative and industry-leading project management, design and construction services driven by detailed sector knowledge and experience. Our design teams combine traditional design skills with specialist technical capabilities in areas ranging from architectural to urban design and strategic procurement. We are committed to forging lasting relationships, delivering to the highest standards in safety, quality and sustainability.

Horstein is a leader in civil infrastructure. We create packaged solutions for the delivery of infrastructure assets, including development, financing, design and construction. We offer

advanced technical capabilities and significant construction resources for the creation of critical transport and infrastructure assets, under a variety of delivery models.

We have a strong commitment to health, safety, environmental management and community engagement. Our in-house resources include a large earthmoving fleet. We are industry leaders in earthworks, paving, bridges and concrete structures.

Our engineering business is a national leader in road building, responsible for delivering some of the most ambitious, innovative and complex road infrastructure projects.

The key to our success is our self-performance capability. We control the critical elements of project delivery via the operation of a large plant fleet, batching plants, paving equipment, experienced delivery crews and a precast facility.

We deliver roads under a variety of contracting models, including design and construction, alliances, construct-only, public private partnerships, concessions and availability tolling, tailoring solutions to meet our clients' needs. Horstein has experience in road reclamation in road reconstruction. Road reclamation uses existing materials and strengthens them through the introduction of additives such as cement, emulsion, tar and foamed bitumen.

### **Strategic Alliance with Rondebult Construction Machinery**

Horstein Construction has a strategic alliance agreement with Rondebult Construction Machinery that is based in South Africa and has branches in Bulawayo and Harare. This strategic alliance was concluded in order to augment the plant and machinery capability of Horstein Construction in undertaking major highways, heavy industrial civil engineering and infrastructure projects. Rondebult is a reputable supplier of construction and mining equipment, offering a wide range of machinery of unparalleled quality that is widely used in mining, construction, industrial and port operations. Rondebult Construction Machines has built a brand with a large employee team, advanced technologies and strong technical strength that is respected by its customers throughout the SADC region.

### **Infrastructure Development**

Horstein is cognisant of the demand for infrastructure development in Southern Africa and Africa at large. Horstein has developed expertise in innovative procurement and in PPPs to engender delivery of the much needed infrastructure, a pre-requisite for economic growth. The sectors of focus in this regard include toll roads, railway and energy.

Horstein's Infrastructure Development business, arranges project finance, is a developer and manager of infrastructure projects and assets. It provides a fully integrated infrastructure

solution - from project inception through project financing and development into long term ownership and asset management.

Horstein also provides high quality strategic, financial and implementation advice to select clients, enabling them to capitalise on our team's significant transaction history in financing, developing and investing in projects and businesses in the infrastructure sector.

Significant recent project finance infrastructure include:

- Vaal University of Technology Students Residents, Vereeniging, South Africa R168m
- Mayfair Residential Housing, Johannesburg, South Africa R95m
- Lenz Social Housing Project, Lenasia, Johannesburg, South Africa R352m
- Monash University Students Residence, Rooderpoort, South Africa R185m
- Lesotho District Hospitals PPP BOT \$200m
- Transit rail project in currently being negotiated

We are focussed on providing quality financial, equity sponsorship and development advice across a broad range of sectors including:

- Healthcare and hospitals
- Courts and justice facilities
- Education
- Resources related infrastructure
- Transport
- Energy
- Water and waste water
- Accommodation

### **Management Contracting**

The depth of management experience and expertise at Horstein, has seen the company appointed management contractor as a member of the professional team. In this approach the construction work is carried out by works or package contractors who are employed, coordinated and administered by the management contractor. Management contracting provides an opportunity for early appointment of Horstein to work alongside the design team and develop a programme for the construction, design and tender documents in appropriate works packages. Horstein brings skills to provide construction and buildability advice during the design development.

### **Construction Management and Project Management**

The company has been engaged as construction manager and project manager on third party projects. Horstein prides itself in the provision of a diverse range of skilled and experienced project management practitioners. At Horstein, we rely on good management, a thorough understanding of the construction processes and the ability to procure the best contractors, subcontractors and suppliers whilst managing the cost objectives. Horstein provides all technical and administrative management services, effectively planning and managing the project from initial bid stage through to the certificate of occupancy and final closeout. We seek to get involved early in the design phase and share our extensive knowledge and experience. This improves the buildability of the project, minimize and reduce prevalence of claims and conflict.

The project management capabilities of the company through its sister company Nungu Projects, has seen the company appointed to act as programme managers for large and prestigious projects such as the 2010 FIFA World Cup Stadia development. Program management is implemented in cases where a number of related projects are undertaken to achieve a common objective.

### **Property Development**

Horstein has developed competencies in property and infrastructure development using innovative procurement. This business focuses on the commercial, industrial and retail markets and selected developments in the residential market.

### **Transaction Advisory**

Horstein has a sound track record of transaction advisory engagements with the private sector and public sector including the metropolitan and local municipalities. In undertaking transaction advisory services Horstein is endowed with skills to develop project scoping. In most cases public organisations the transaction advisor shall to provide its services in a manner that is suitable to the client requirements. Beyond scoping, our transaction advisory services extend to production of feasibility studies for project using a public sector comparator and PPP reference models. The feasibility studies enable the client to determine:

- full project cycle costs
- affordability limits
- risks and their costs
- optimal value-for-money methods of delivery.

If, on the basis of the feasibility study, a PPP solution is decided on, and if the client requires it, Horstein will provide the necessary technical, legal and financial advisory support for the

procurement of a private partner. This will expedite in compliance with all elements of legislation and all implementing regulations.

### **Public Private Partnership Facilitation**

Horstein is cognisant of the demand for infrastructure development in Southern Africa and Africa at large. Horstein has developed expertise in innovative procurement and in PPPs to engender delivery of the much needed infrastructure, a pre-requisite for economic growth. The sectors of focus in this regard include toll roads, railway and energy. The services offered include PPP bid team mobilisation, feasibility management, bid preparation, agreement frameworks, implementation management and operational interface.

### **Project Finance Facilitation**

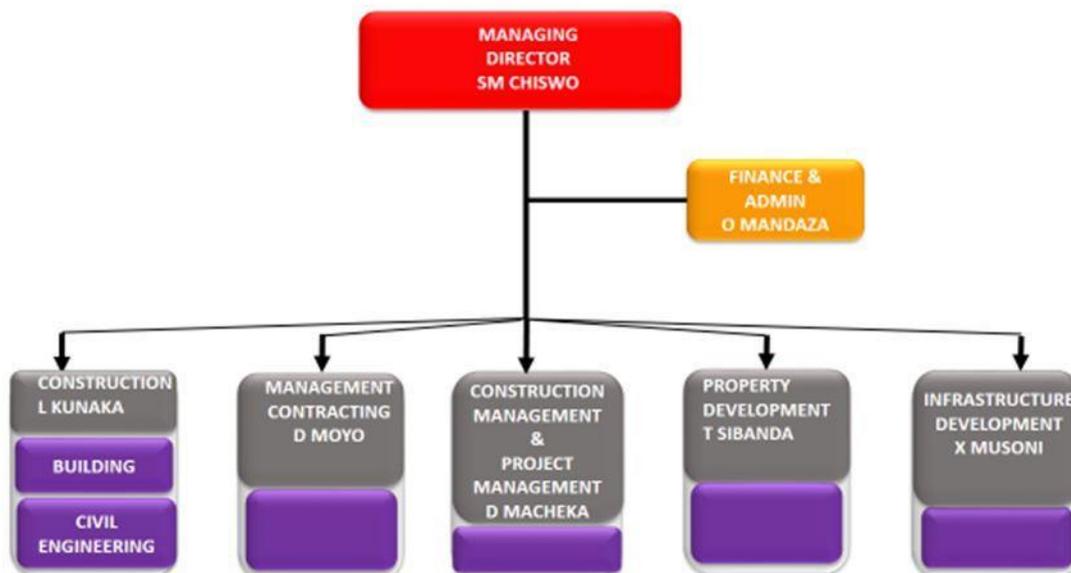
Horstein is involved in various initiatives, through partnering and strategic alliances in packaging projects for project finance and fundraising. This is being explored in the commercial sector, housing developments and in infrastructure development initiatives. Our understanding of the built environment has positioned us as a leading contributor to project finance initiatives.

### **Professional Cost Engineering and Quantity Surveying**

All clients in property building need a full understanding of the costs to be incurred in their investments, proper cost monitoring and control of their investments during the execution of the project from the start to final project completion. The main interest of clients is to be constantly informed about project costs so that no shocking financial conclusion is reached.

In order to safe guard the clients' interests and to assure them of achievement of the full value for their investments, we offer a full range of Professional Project Management.

## HORSTEIN -ORGANIZATION STRUCTURE



Horstein Organisation Structure

## 5. EXPERIENCE

### RECENT AND COMPLETED PROJECTS – ZIMBABWE

#### Civil Engineering

1. Roads and concrete bunkers facility for ZIMASCO at Ngezi, on a design and construct basis

Client : ZIMASCO Middle and North Dyke  
Contact: Mr. A. Murwisi  
Tel: 067- 23500

Value : US\$8.4m

Duration for Completion : 20 Months (to March 2013)

2. Roads, Stormwater, Water and Sewerage Infrastructure Construction in an existing township for Medium and Low Density Housing at Tati Siding, Francistown

Client : North Eastern District Council

Engineer : Group Consult Botswana

Value : US\$28.3m

Duration for completion : 18 months (March 2010 to October 2013)

3. Roads, Stormwater and Sewerage for a new township for Medium and Low Density Housing at Platinum Park for Mimosa Mining Company, Zvishavane

Client : Mimosa Mining Company  
Contact: Mr. P. Mutakiwa; Tel: 054 - 230000  
Project Manager : Turner & Townsend  
QS : Turner & Townsend  
Structural Engineer : Arup Bulawayo  
M&E Engineers : Arup Bulawayo  
Value : US\$6.3m  
Duration for completion : 8 months (March to October 2009)

### **Building Construction**

4. Construction of cluster houses in Mabelreign

Client : Deltafin Investments  
Value : US\$4.5m  
Duration for Completion : 6 Months (to Dec 2006)

5. Medium density township development - Construction 66 houses, for ZIMASCO at Ngezi, on a design and construct basis

Client : ZIMASCO  
Value : US\$6.5m  
Duration for Completion : 6 Months (to Dec 2007)

6. Kitchen and Canteen Facility for ZIMASCO at Ngezi, on a design and construct basis

Client : ZIMASCO Middle and North Dyke  
Value : US\$3m  
Duration for Completion : 6 Months (to March 2006)

7. Refurbishment of Service Centre — Bulawayo

Client : Econet Wireless  
Architect : Mukamba Architectural Practice  
QS : TN Zunzanyika Associates  
Structural Engineer : Desma Consultants  
M&E Engineers : CGM Consulting Engineers  
Value : US\$6.5m  
Duration for completion : 11 Months (February to December 2006)

8. Medium and Low Density Housing — 145 medium and low density houses at Mimoso, Zvishavane
- Client : Mimoso Mining Company  
Contact: Mr. P. Mutakiwa; Tel: 054 - 230000
- Project Manager : Turner & Townsend
- QS : Turner & Townsend
- Structural Engineer : Arup Bulawayo
- M&E Engineers : Arup Bulawayo
- Value : US\$6.3m
- Duration for completion : 8 months (March to October 2009)
9. New Switchroom and Transmission Room — Bulawayo
- Client : Econet Wireless
- Architect : Mukamba Architectural Practice
- QS : TN Zunzanyika Associates
- Structural Engineer : Desma Consultants
- M&E Engineers : CGM Consulting Engineers
- Value : US\$5.7m
- Duration for completion : 8 months (March to November 2006)
10. Refurbishment of Office Block — Bulawayo — Management Contract
- Client : Econet Wireless
- Architect : Mukamba Architectural Practice
- QS : TN Zunzanyika Associates
- Structural Engineer : Desma Consultants
- M&E Engineers : CGM Consulting Engineers
- Value : US\$3.5m
- Duration for completion : 11 Months (February to December 2007)
11. Construction of Guard Rooms and Ablutions on base station sites — Harare to Beitbridge and Harare to Mutare Routes
- Client : Econet Wireless
- Structural Engineer : Sirston Consultants
- Value : US\$1.4M
- Duration for completion : 6 Months (October to March 2010)

#### 12. Construction of Data and IT Service Centre at Masasa

Client	:	CBZ Bank
Architect	:	Kurebgaseka Architects
Value	:	US\$2.25M
Duration for completion	:	6 Months (October to March 2009)

#### 13. Medium density housing — 35 medium density houses at Tynwald, Harare

Client	:	Public Service Housing Development Co.
Architect	:	Nyambuya Associates
QS	:	TN Zunzanyika & Associates
Structural Engineer	:	CGM Consulting Engineers
M&E Engineers	:	CGM Consulting Engineers
Value	:	US\$4.3m
Duration for completion	:	6 months (March to August 2009)

#### 14. NSSA Cornerstone House Refurbishment

Client	:	NSSA
		Contact: Mr. S.P. Chiduza
		Tel: 04 - 723822
Principal Agent	:	ABS Consultancy
Value	:	US\$1.2m
Duration for Completion	:	6 Months (to Dec 2014)

## PROJECTS PHOTOS



Bulk earthworks – Tati Siding Francistown



Road construction – Tati Siding Francistown



Mimosa Mining Company Medium Housing



Zimasco Ngezi Mine Medium cost Housing



Concrete Bunkers for ZIMASCO Mutorashanga



Tynwald Housing Development for PSHDC



Econet Wireless Head Office - Bulawayo

### NSSA Cornestone House Refurbishment



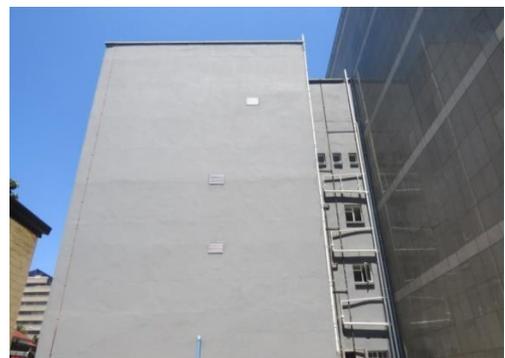
S. Machel Elevation



West elevation adjacent to RBZ



Completed typical floors



North elevation with marmoran finish

## RECENT AND CURRENT PROJECTS - SOUTH AFRICA

### Roads Projects – South Africa

No	Project Name	Project Description	Project Value	Duration
01.	Gauteng Department of Roads Construction Of Road K46 (P79/1) Phase 2 Between Pwv5 And N14 (P158/2) (Diepsloot)	Construction of 4 lane K46 highway and Interchange in Diepsloot. 100 000 m3 fill material, 30 000m3 of concrete	R550,134,286.00	36 months 03/2016 – 02/2019
02.	Eastern Cape / Rehabilitation of N2 between Ibika & Tetyana (52km) Project No. NRA N.002-178-2003/1	Patching and reseal of the 12.5m wide N2. Section 17 (26km) used 13.2/6.7 double seal while UTFc surface was applied to Section 18 (26km)	R107,168,542.70	15 months 01/2010 – 03/2011
03	Rehabilitation of K roads in Erkhuruleni Municipality	Upgrading of municipal roads (14km) in Benoni	R65,136,388.00	12 months 01/2010 – 12/2010
04	Rehabilitation of Pretoria road off the N12, Benoni, Erkhuruleni Municipality	Upgrading and dualisation of the Pretoria road off the N12 (12km) in Benoni	R63,478,321.05	15 months 03/2010 – 06/2011
05.	Greater Kokstad Internal Streets. Bid No. 06/2005	Rehabilitation and reseal of Greater Kokstad Municipality Internal Streets.	R13 594 545.44	10 months 08/2010 – 05/2011
06.	Mpumalanga Dept of Roads and Transport EPWP Contractor Learnership	Rehabilitation and maintenance of Provincial Gravel road (Vukuphile Projects) in Enhlanzeni DM, and Gert Sibande DM	R35,647,438.00	2 Years 11\2009- 03/2009
07.	Project No: 59921 Manguang Municipality Pavement Management system	Visual Assessment of unsealed and surfaced roads in Bloemfontein and Thaba Nchu		4 Months 01\2009-05\2009
08.	Ndwana Access Road	Rehabilitation of a Gravel Road	R1,984,027.00	2 Months 07\2009-09\2009
09.	Gxulu Gravel Road	Regravelling	R1,400,000.00	3 Months 06\2009-09\2009
10.	Port St Johns CBPW Gravel Road	Rehabilitating and regravelling of roads in Mathana, Mtabalala, Nonjojo, Mthafana and Mateku communities	R2,964,542.56	4 Months 06\2008-010\2008
11.	Qaukeni T25 Gravel road	Regravelling of a Provincial Road old route No. T25	R2,700,000.00	3 Months 05\2008-07\2008
12.	Mbangweni-Ncama Gravel Road	Regravelling of Mbangweni-Ncama Access Gravel road in Ntabankulu LM	R8,699,735.00	3 Months 06\2008-08\2008

13	Mente Access Road	Gravelling of Menté Road in Mbashe LM	R5,991,327.31	5 Months 02\2008-06\2008
14	Mcelwane Access Road	Access gravel road in the Mbashe LM	R4,474,006.00	2 Months 06\2008-07\2008
15	Ingquza Access Road	Gravel Access Road in the Qawukeni LM	R22,700,000.00	6 Months 05\2007-11\2007
16	Tonti Access Road	Gravel road in Ntabankulu LM	R17,655,000.00	6 Months 02\2007-05\2007
17	Mhleleni Access Road	Gravel Access road in Ntabankulu LM	R3,022,975.00	3 Months 04\2006-07\2006
18	Lujecweni Access Road	Gravel Access road in Nyandeni LM	R2,434,348.00	3 Months 06\2006-08\2006
19	Spitzkop Access Road	Gravel road in Umzimkulu LM	R14,252,814.40	5 Months 02\2006-07\2006
20	Moyeni Access Road	Gravel road in Umzimkulu LM	R3,611,197.09	2 Months 02\2007-04\2007
21	Makhulong Access Road CBPWP	Gravel road in Alfred Nzo DM	R13,555,750.00	4 Months 05\2006-07\2006
22	Hlabatshane Gravel Road	Construction of gravel surfaced road and associated storm water drainage	R13,500,000.00	4 Months 01/2007

## Building and Infrastructure Projects – South Africa

### MTPA Tourism Infrastructure Projects

Transaction Advisor

Client Mpumalanga Tourism and Parks Agency  
Contract Period 18 months (September 2016 to February 2019)

### Mayfair Residential Housing Development

Project Management and Quantity Surveying.

Client DAKU Group of Companies  
Contract Value R95 million

### LENZ Social Housing Project

Project Management and Quantity Surveying.

Client Ahanang Housing Company  
Contract Value R256 million

### Carlton Centre 49<sup>th</sup> Floor Refurbishment

Main Contractor for design and build contract involving gutting the existing office interior and replacing with a new state-of-the art, energy efficient modern design with optimum space utilisation.

Client	Transnet Properties
Contract Value	R40million
Contract Period	10months (January 2013 to October 2013)

### Structural Steelwork Replacement to Port Jetty

Main Contractor for Design and Build contract

Client	Transnet National Ports Authority (TNPA)
Contract Value	R65million
Contract Period	8 months (May 2013 to December 2013)

### Upgrading of the Thohoyandou Intermodal, Thohoyandou

Construction Managers managing the main contractor WBHO in the construction of the first Intermodal Facility in South Africa

Client	Intersite Property Management Services
Contract Value	R320m
Contract Period	24 months (June 2010 to May 2012)

### Construction of the 2010 FIFA World Cup Stadia 10no.

Program Managers in JV with ARUP through its associate company Nungu Projects, for financial and technical management monitoring and control of stadia development projects for the stadia.

Client	Department of Sport and Recreation
Contract Value	R18bn
Contract Period	24 months (December 2008 to November 2010)

Gautrain Rapid Rail Link Projects, comprising 45 projects of earthworks, viaducts, bridges, railway, tunnels and stations

Program Managers in JV with ARUP for financial, technical management monitoring, control

Client	Gauteng Provincial Government
Contract Value	R24billion
Contract Period	54 months

#### Upgrading and Rehabilitation of 38km of City of Ekurhuleni Roads

Client	City of Ekurhuleni
Contract Value	R65m
Contract Period	12 months (November 2008 to October 2009)

#### Rehabilitation of 26km of Township Roads

Client	Nkangala Municipality, Mpumalanga
Contract Value	R15m
Contract Period	4 months (October 2008 to January 2009)

#### Upgrading of the Loftus Train Station, Hatfield Pretoria

Client	PPI Joint Venture
Contract Value	R15m
Contract Period	12 months (January 2009 to December 2009)

#### Upgrading of the Soshanguve Giant Stadium

Constructors for the construction of new grandstands and ancillary facilities.

Client	City of Tshwane
Contract Value	R65m 12/2008

#### Actonville Police Station Upgrading

Client	Department of Public Works
Contract Value	R25million

## PROJECTS PHOTOS – SOUTH AFRICA



Skywalk



Cable Car



Bourke's Luck Pothole Hotel



Byde Hydropower

MTPA Tourism Projects Comprising of Skywalk, Cable Car, Bourke's Luck Pothole Hotel and Blyde Hydropower.



Mayfair Residential Housing Development.



LENZ Social Housing Project.



Maputo light rail transit – Feasibility Study.



Upgrading of Roads, Ekurhuleni



Diepkloof Interchange Bridge on N12



Diepsloot Interchange Bridge,



N2 Upgrade – Ibika to Tetyana, Eastern Cape



Gautrain Rapid Rail Link



Mombela Stadium – Nelspruit

### 2010 FIFA World Cup™ Stadia Development



Peter Mokaba Stadium – Polokwane



Soccer City Stadium - Johannesburg



Greenpoint Stadium – Cape Town



Moses Mabhida Stadium – Durban

### Transport Intermodal Facility Development



Thohoyandou Intermodal Facility Taxi Loading Area



Thohoyandou Intermodal Facility West Elevation and Town Square

# Upmarket Grade A Office Accommodation Development

## Offices Refurbishment for Transnet at Carlton Centre



Clear passageways to Executive Offices



Lift Lobby



Executive Offices

### Carlton Centre Typical Floors Refurbishment for Transnet



Executive Boardrooms



Entrance to reception



Boardroom automated curtaining

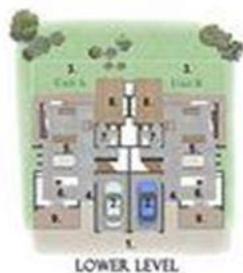


Waiting area to Executive Boardrooms



Folding doors to Executive Boardrooms

**PROPERTY DEVELOPMENT**



- 1. Driveway
- 2. Garage
- 3. Garden
- 4. Entrance Hall
- 5. Open Plan Living
- 6. Kitchen
- 7. Toilet
- 8. Open Deck
- 9. Yard
- 10. Stairs
- 11. Master Bedroom
- 12. Main en suite
- 13. Bedroom
- 14. En Suite
- 15. Bathroom
- 16. Double Volume
- 17. Balcony

18 Sectional Title Units Available

14x 2 bedroom, 2 bathroom units - 150m<sup>2</sup>  
 4x 3 bedroom, 2 bathroom units - 180m<sup>2</sup>  
 All with spacious open plan ground floor living  
 Private gardens



Units:  
 2 Bedroom Units  
 1-9, 11, 13, 15, 17 & 18  
 3 Bedroom units  
 10, 12, 14 & 16  
 Not for Sale  
 19 - 22



sectional title units



Sectional Title



Full Title



Upmarket Housing

## 6.0 PLANT AND EQUIPMENT RESOURCES

### 1.0 Earthmoving Equipment

2 no. Dozer D6	CAT D6H
2 no. Dozer D6	CAT D6R
5 no. Grader	CAT 140G
2 no. Grader	CAT 140H
3 no. TLB	JCB 3CX 4x4
1 no. Excavator	Komatsu 200
1 no. Excavator	CAT 325
1 no. Excavator	JCB JS330
2 no. Front End Loader	CAT 928F
2 no. Front End Loader	CAT 928G
1 no. Front End Loader	CAT 936
8 no. Dump truck	Bell B20B
4 no. Vibro Roller	Bomag 212 30T
3 no. Pad foot roller	Bomag 211 D40
6 no. Grid roller	
4 no. Tractor	Massey Ferguson MF 399
2 no. Tractor	Massey Ferguson MF 4880
4 no. disc harrow	
2 no. Bitumen distributor	Mercedes 2527
2 no. chip spreader	Entyre
2 no. pneumatic roller	Bomag BW16
2 no. drum pad roller	

### 2.0 Hoisting Equipment

1 no. Tower Crane	Liebherr 35c
3 no. Goods hoists	
1 no. passenger hoist	
1 no. 15T mobile crane	Kato

### 3.0 Trucks and Browsers

<u>MAKE</u>	<u>MODEL</u>	<u>TYPE</u>
4 no. Bedford	TL 13-16	7 ton dropside
5 no. Nissan	UD390	5m <sup>3</sup> Tipper
8 no. Hino	FE	10m <sup>3</sup> Tipper
2 no. horse	ERF	30 ton
3 no. trailer	Brookhouse	30T Dropside
4 no. water bowser	Super Comet	5000 Litre
2 no. water bowser	Brookhouse	10000 Litre

### 4.0 Other Vehicles

3 no. Mazda	T 3500	3,5 ton Dropside
4 no. Isuzu	2,5 D	Pick-up
1 no. Isuzu	3.2	Station wagon 4x4
2 no. Isuzu	2.5	Double cab 4x4
5 no. Mazda DX	2,5 D	Pick-up 4x4
5 no. Nissan	3.0 D 1 tonner	Pick-up
2 no. Isuzu D/cab	2.8 D	Double cab
1 no. Landrover D3	3.0 D	Station wagon

## 5.0 Concrete Mixers

<u>MAKE</u>	<u>MODEL</u>	<u>TYPE</u>
12 no. Hubert Davies	10/7	Concrete Mixer (diesel)
3 no. IMF	14/10	Concrete Mixer (diesel)
5 no. Winget	10/7	Concrete Mixer (electric)

## 6.0 Concrete Dumpers

<u>MAKE</u>	<u>MODEL</u>	<u>TYPE</u>
8 no. Winget	Tip Dumper 2WD	1 m <sup>3</sup> capacity

## 7.0 Vibrating Rollers

13 no. Bomag BW 75S Hand roller

## 8.0 Vibratory Floats and Pokers

5 No. Wacker Vibrators and Pokers

## 9.0 Compressors

5 no. Atlas Copco 90XAS 275 CFM Mobile Compressor  
 3no. Ingersoll Rand XA 350 CFM Mobile Compressor  
*(Both with air hoses and jackhammers, breakers, etc).*

## 10.0 Generators

1 no. CAT 150 kVA generator  
 1 no. CAT 50 KVA Mobile Generator  
 4 no. Honda 5.5kVa generators

## 11.0 Miscellaneous

4 no. Honda	Portable Engine Welder
8 no. Honda	50mm Water Pumps
3 no. Hitachi	Portable Electric Welder

## 12.0 Tools and Equipment

Angle-Grinders	16 no.
High-Impact Drills	12 no.
High-Load Frames (3ft., 4ft. & 5ft.)	10500 no.
Industrial Drills	20 no.
Quick-Stage Frames	10250 no.
Rock-Breakers	8 no.
Steel Props (from 3ft. to 9ft. in length)	12550 no.
Steel Soffit Formwork Panels	20950 m <sup>2</sup>