

Delca

Systems

Engineering · Procurement · Construction · Finance



CORPORATE PROFILE

August 2021

31 years of service excellence

South Africa | Zambia | United Kingdom
www.delcasystems.co.za | www.delca.co.uk

About us

Delca Systems (Pty) Ltd is a multi-disciplinary firm, providing a spectrum of services in engineering, procurement construction and financial advisory. Established in 1990, Delca Systems has developed a high reputation of service excellence.

Fields of Service	Associated Disciplines	Professional Registrations
<ul style="list-style-type: none"> • Project and Programme Management • Civil and Structural Engineering • Municipal Services • Water and Sanitation Engineering • Architecture and Quantity Surveying • Retail and Commercial Developments • Traffic and Transportation Engineering • Freight and Logistics • Equipment and Commodity Aggregation 	<ul style="list-style-type: none"> • Community Negotiations • Conflict Resolution • Economic & Financial Analysis • Maintenance Management Systems • Facilities Management • Development Facilitation • Management Information Systems • Institutional Management • Policy Formation • Financial Packaging & Facilitation 	<ul style="list-style-type: none"> • Engineering Council of South Africa • Consulting Engineers South Africa • Construction Industry Development Board • National Home Builders Registration Council • Central Supplier Database for Government (SA) <p>Delca Systems (Pty) Ltd administration systems has been assessed and approved by QAS International to the following management systems, standards and guidelines: ISO 9001:2015</p>

Our Presence

South Africa (est. 1990)

- Westville, Durban, KwaZulu Natal (HEAD OFFICE)
- East London, Eastern Cape
- Nelspruit, Mpumalanga
- Mahikeng, North West
- Port Elizabeth, Eastern Cape
- Ladysmith, KwaZulu Natal
- Johannesburg, Gauteng

Zambia (est. 2018)

- Lusaka

United Kingdom (est. 2019)

- London

Our History

De Leuw Cather, Parent Company (1965 to 2000)

Delca Systems (since 1990)

1965 to 1970

- **De Leuw Cather** established in South Africa in **1965**.
- Technologies exchanges with De Leuw Cather Canada (DELCAN).
- Average staff complement of 70.

Services:

- Transportation Planning & Engineering.
- Highway Engineering & Design.
- Major Bridge Structures Design.
- Geotechnical Engineering.

Achievements

- Completed the first Transportation Study in South Africa for the Durban City Council.
- Completed the Blueprint of the future Freeway Network System for South Africa.

1970 to 1980

- New offices opened in **Johannesburg, Cape Town, Pretoria and Durban**.
- Average staff complement of 230.

Services expanded

- Concrete Technology Freeway Pavement Design.
- Municipal Engineering.
- Commercial Developments.
- Project Management.
- Materials Technology.
- Research & Development.

Achievements

- Planning of the KwaZulu-Natal Provincial Arterial System.
- Design of sections of National Route N2.
- Designs of Systems Interchanges on National Routes N2 & N3.
- Design of Bramlin Markram Arterial (Port Elizabeth).
- Preliminary Planning of National Route N11.
- Transportation Studies for various Cities.

1980 to 1990

- New office in **Port Elizabeth**.
- Average staff complement of 270.

Services expanded

- Pipelines/Petro Chemical.
- Vehicle Scheduling Systems.

Achievements

- Design of the Tom Jones Interchange Systems (Award Winning) in Kempton Park, Johannesburg.
- Development of the South African Road Traffic Signs Manual.
- Development of a Vehicle Scheduling System for South Africa.
- Development of the Urban Transport Guidelines Manuals.
- Maseru Safety Study for World Bank.
- Recognised as among the Top5 Engineering Companies in South Africa.
- Managing Director elected as President of the South African Association of Consulting Engineers (2 terms).

1990 to 2000

- Completion, Close-out and Handover of large projects (roadworks and interchanges).
- Partitioning of national company by primary province.
- **Delca Systems** was established in **1990**.
- Average staff complement of 115.

Services expanded

- Software Development.
- Vehicle Tracking Systems.
- Town & Regional Planning.

Achievements

- Development of the first Vehicle Tracking System in South Africa.
- Development of the Freeway & Arterial Planning Manual.
- Development of the Traffic Signal Integrated Systems for Cape Town Central.
- Graphics Enhancement to the Deltran Transportation Suite of Programs.
- Secondment of Experts to the National Department of Transport (NDoT) and Council for Scientific and Industrial Research (CSIR).

2000 to 2010

- New offices opened in **Nelspruit, East London, Ladysmith and Mafikeng**.
- Average staff complement of 140.

Services expanded

- Service Station Integration Design.
- Transaction Advisory.
- Mediation.
- Social Facilitation.

Achievements

- Development and Implementation of Operational Plans & Systems for the 2010 FIFA World Cup South Africa™ for the Mbombela Host City.
- Transportation Plans for KwaZulu-Natal Province, Richards Bay, eThekweni, Newcastle & Ladysmith.
- 50-year Transportation Plans for the Ports of Durban & Richards Bay.

2010 to 2021

- **Delca Systems Zambia** established in **2018**.
- **Delca Systems Limited (United Kingdom)** established in **2019**.
- Average staff complement of 115.

Services expanded

- Integrated Public Transport Planning.
- Freight & Logistics.
- Risk Management.
- Financial Feasibility Studies.
- Financial Packaging & Facilitation.
- Equipment and Commodity Aggregation.

Achievements

- Preliminary Design & Feasibility for Public & Private Partnership on the development of the Mbombela Cultural Centre.
- Development of the Mbombela Integrated Public Transport Network.
- Development of the National Freight Logistics Policy.
- NDoT National Freight Secretariat.
- National Household Survey Management.

Our Core Team

Directors

Managing Director
Mr Z Ndlela
MBA, BBA, NDip (Transport & Safety)

Director: Traffic and Transportation
Mr R Palkowski
BSc Civil (Hons),
MSc Traffic & Transportation

Director: Civil & Construction
Management
Mr H Rimensberger
BSc Civil Eng

Director: Project Management &
Quantity Surveying
Ms M Mafara
BSc QS (Hons), BSc CEM (Hons), MBA

Operations

Chief Operations Officer
Mr A Dhebideen
BTech Civil Eng, MDP, LIC7

Finance

Financial Officer
Ms N Moodley
BCom (Hons), CA (SA)

Legal

Compliance Officer
Ms N Seetal
BProc (Law) (SA)

Administration

HR & Administration Manager
Ms M Dunbar
HR Management

Senior Managers

Civil Engineering
Mr P Hwenje
BSc (Hons) Civil Eng, MSc Civil Eng

Civil Engineering
Mr C Morck
BSc (Hons) Civil Eng

Civil Engineering
Mr P Ramaselela
BSc Civil Eng

Civil Engineering
Mr J McLeod
BSc (Hons) Civil Eng

Civil Engineering
Mr S Hansraj
BEng (Hons) Civil Eng

Structural Engineering
Mr C Morrissey
BSc Civil Eng, MBA

Electrical Engineering
Mr S Munnik
BSc Electrical Eng, MPhil Eng

Architecture
Ms S Buthelezi
BSc Architecture

Mechanical Engineering
Mr M Razak
NHD, Welding/Fabrication Level 2

Quantity Surveying
Mr N Chiluvane
BSc (Hons) QS, MBA

Environmental Engineering
Mr K Naidoo
BA (Hons) Environmental

Freight & Logistics, Commodity Trading
Capt. A Pathak
ISPS, Nautical Science, MBA

Technical Support and Administration

Divisional Managers, Technical and Administration Staff

Project and Programme Management

- Public Transport Facilities, Schools, Multi-purpose Centres, Health Facilities, Housing, Retail Centres and complete Site Development
- Plan, design and implement projects, track progress, control resources, manage risks, estimate and communicate
- Engage stakeholders, review projects, audit and quality assurance, training and development, plan strategy

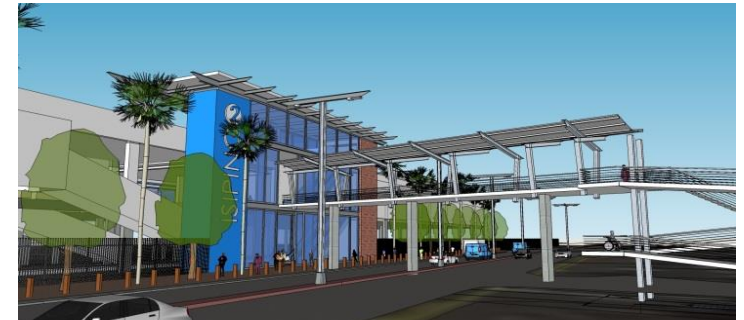
Civil and Structural Engineering

- Planning, design and construction of roads, parking facilities, retail centres, airport and fuel service stations
- Construction of roads and related services in large business/industrial estates as well as residential estates
- Bulk water and sewer services and reticulation in urban and rural areas
- Rehabilitation of roads and stormwater management systems

Municipal Services

- Planning, design and construction of public transport facilities
- Construction of new roads and related municipal services
- Bulk water and sewer services and reticulation
- Demographic studies
- Institutional support

We have a full complement of qualified and dedicated professionals with extensive experience.



Water and Sanitation Engineering

- Feasibility studies and business plans
- Water demand and water loss management
- Network designs (bulk and distribution)
- Conservation, treatments and rainwater harvesting schemes
- Agricultural systems

Architecture and Quantity Surveying

- Aesthetically progressive and pleasing architectural solutions which contribute to a sustainable environment
- Cost-engineering, cost-management and quantity surveying

Retail and Commercial Development

- Project planning and design
- Retail brokerage and investment sale brokerage
- Financing and joint venture development.
- Anchor tenant negotiations

Our approach is diverse and inclusive, aspiring to excellence, performance and achievement.



Traffic and Transportation Engineering

- Route location feasibility investigations of National and Provincial Routes
- Road framework planning for cities and town
- Public transport studies, including strategic systems planning, operations and management, infrastructure and policy studies
- Public transport infrastructure planning and implementation
- Micro traffic impact assessments through to CBD studies
- Dynamic traffic simulation analysis
- Parking studies, accidents investigation, road safety, traffic calming, intersection signalisation and specialist research

Freight and Logistics

- Vehicle scheduling and inventory systems
- Location studies for transport hubs
- Operational studies
- Hazmat and abnormal loads routing
- Heavy goods vehicle network modelling and simulation analysis
- Freight logistics forum secretariat (for five provinces)

We played a principal role in a wide variety of planning, development and policy studies.



Equipment and Commodity Aggregation

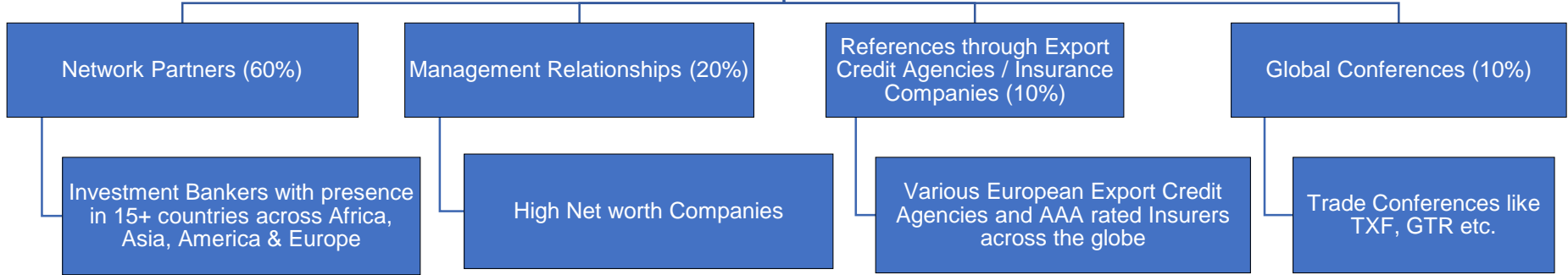
- Based on the rich experience of promoters in EPC, we are venturing into trading and aggregation of physical commodities and equipments in the international marketplace.
- We venture our business with experienced and reputable local and international partners present in excess of **18 countries**.
- Our Clients are primarily be based of **Asia, UAE and African** countries.
- We guarantee commitment to local and international shipping requirements and to deliver goods safely and securely with consistency and reliability.
- We have established a network of leading manufacturers, traders, suppliers, distributors and bring the synergy to ensure a cost competitive advantage to out Clients.
- We pride ourselves on exceptional service delivery in ensuring the distribution channel between the Supplier and the Buyer is complete.

We focus on global market demands, lifecycle engineering and value chain management.

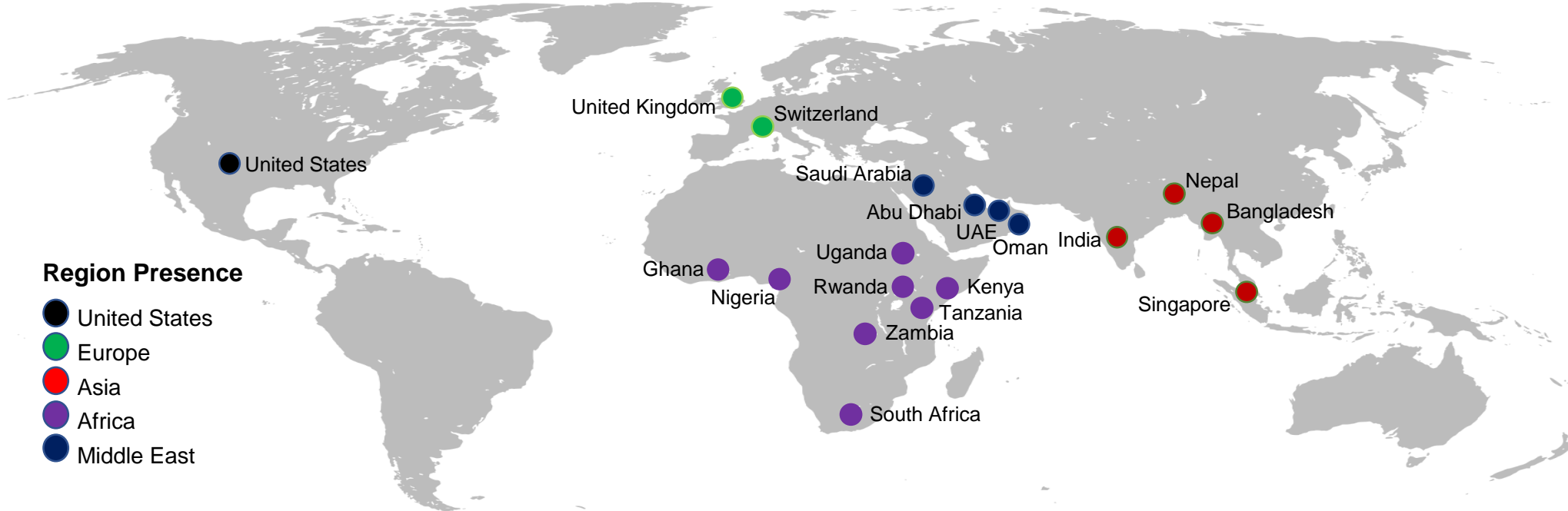


Origination Source

Equipment & Commodity Origination Source



Global Clientele Presence



Financial Advisory

- We work with corporate clients and financial investors on providing support to conceptualize, establish and execute greenfield as well as brownfield projects.
- We are entrenched in building relationships & arranging financing for our clientele by leveraging our deep understanding of local markets, regulatory frameworks and business culture, as well as by way of our extensive network and expertise in complex problem-solving.
- Using our strong relations with International Lenders and along with our strategic partners, we can provide highly competitive financing from Tier 1 Banks and Funders.
- We have expertise in execution of supply contracts with multiple financing options including credit enhancement structures. We ensure that overall cost is minimized while maximizing profitability.
- We are sector-agnostic and work across diverse sectors, however our team has extensive experience of working in Infrastructure, Agriculture, Manufacturing, Healthcare & Financial Services sectors in Africa.
- We partner with experts in the financial services space to provide bespoke structuring and fund-raising solutions for our clients.

We have a dedicated team that works on providing advisory services to clients to establish and execute market entry and financing strategies across Africa.



Recent Project Experience

Transport Sector

Client	Project Description	Start	End	Status	Value (ZAR)	Value (USD)
Local Government	50-Year Transport Plan for Richards Bay Port	2005	2008	Complete	R 22 000 000	\$ 1 466 667
Local Government	Traffic Impact Assessments (retail, residential, industrial & commercial developments)	2010	2021	Ongoing	R 6 000 000	\$ 400 000
Local Government	Nelspruit Public Transport Rank & Ancillary Facilities	2008	2021	Ongoing	R 120 000 000	\$ 8 000 000
Local Government	Mbombela Public Transport Restructuring & Nelspruit Intermodal Interchange	2008	2009	Complete	R 120 000 000	\$ 8 000 000
Local Government	Mbombela Public Transport Legacy: World Cup 2010	2009	2010	Complete	R 422 700 000	\$ 28 180 000
Local Government	Mbombela Integrated Public Transport Network (IPTN) and Implementation Programme	2011	2021	Ongoing	R 872 400 000	\$ 58 160 000
National Government	National Household Travel Survey	2012	2013	Complete	R 5 000 000	\$ 333 333
National Government	National Transport Forum Provision of Secretariat Services	2014	2017	Complete	R 5 600 000	\$ 373 333
Local Government	Umhlatuze Integrated Rapid Public Transport Network	2015	2021	Ongoing	R 28 000 000	\$ 1 866 667
Local Government	Main Road R40 Stations: Rocky's Drift Public Transport Facility (Aesthetic Upgrades)	2016	2017	Complete	R 1 100 000	\$ 73 333
Local Government	Main Road R40 Rob Ferreira Public Transport Facility	2016	2018	Complete	R 13 400 000	\$ 893 333
Local Government	Main Road R40 TUT Public Transport Facility	2016	2018	Complete	R 8 200 000	\$ 546 667
Local Government	Riverside Public Transport Facility	2016	2018	Complete	R 17 200 000	\$ 1 146 667
Local Government	Bosch Street Public Transport Facility	2016	2018	Complete	R 13 800 000	\$ 920 000
Local Government	Public Transport By Laws	2016	2017	Complete	R 450 000	\$ 30 000
Local Government	Bus Operators Technical Advisors IRPTN (Go! Durban) Phase 1	2018	2021	Ongoing	R 17 000 000	\$ 1 133 333

Recent Project Experience

Health Sector

Client	Project Description	Start	End	Status	Value (ZAR)	Value (USD)
Provincial Government	Madadeni Psychiatric Hospital	2010	2013	Complete	R 1 300 000	\$ 86 667
Provincial Government	DOH Clinics Programme	2010	2015	Complete	R 20 000 000	\$ 1 333 333
Provincial Government	Addington Isolation Ward	2010	2011	Complete	R 6 800 000	\$ 453 333
Provincial Government	Ngwelezane Isolation Ward	2010	2011	Complete	R 7 800 000	\$ 520 000
Provincial Government	Manguzi Isolation Ward	2010	2011	Complete	R 7 300 000	\$ 486 667
Provincial Government	Mseleni PMTCT	2010	2011	Complete	R 5 700 000	\$ 380 000
Provincial Government	Pixley Ka Seme Regional Hospital	2012	2021	Ongoing	R 2 100 000 000	\$ 140 000 000
Provincial Government	Pomeroy Community Helath Centre	2012	2015	Complete	R 161 000 000	\$ 10 733 333
Provincial Government	King Edward Hospital	2012	2015	Complete	R 16 000 000	\$ 1 066 667
Provincial Government	Edendale Hospital Accommodation	2012	2014	Complete	R 7 300 000	\$ 486 667
Provincial Government	Ceza Hospital Accommodation	2012	2014	Complete	R 11 800 000	\$ 786 667
Provincial Government	Ekhombe Accommodation	2012	2015	Complete	R 21 300 000	\$ 1 420 000
Provincial Government	Pholela Accommodation	2012	2015	Complete	R 18 200 000	\$ 1 213 333
Provincial Government	Charles Johnson Accommodation	2012	2013	Complete	R 1 400 000	\$ 93 333
Provincial Government	Manguzi Hospital Accommodation	2012	2013	Complete	R 3 200 000	\$ 213 333
Provincial Government	Catherine Booth MDR Clinic	2013	2014	Complete	R 18 000 000	\$ 1 200 000

Recent Project Experience

Health Sector - Continued

Client	Project Description	Start	End	Status	Value (ZAR)	Value (USD)
Provincial Government	Department of Health Maintenance Programme	2013	2015	Complete	R 116 000 000	\$ 7 733 333
Provincial Government	Fort Napier Accommodation	2013	2015	Complete	R 13 800 000	\$ 920 000
Provincial Government	Umbumbulu Community Health Centre	2015	2015	On Hold	R 198 000 000	\$ 13 200 000
Provincial Government	Dannhauser Community Health Centre	2016	2018	Complete	R 178 000 000	\$ 11 866 667
National Government	Development Bank of South Africa - Renovations to 26 Clinics	2017	2018	Complete	R 24 800 000	\$ 1 653 333
Provincial Government	Ladysmith Hospital Multi-Year Plan	2018	2021	In Planning	R 2 100 000	\$ 140 000
National Government	Development Bank of South Africa - Assessments & Renovations to 18 Clinics	2019	2021	Ongoing	R 97 000 000	\$ 6 466 667
Provincial Government	Umphumulo Hospital	2019	2021	Ongoing	R 45 000 000	\$ 3 000 000
Provincial Government	Untunjambili Hospital	2019	2021	Ongoing	R 35 400 000	\$ 2 360 000

Recent Project Experience

Buildings and Property Sector

Client	Project Description	Start	End	Status	Value (ZAR)	Value (USD)
National Government	National Schools Programme (47 Schools)	2005	2021	Ongoing	R 1 636 500 000	\$ 109 100 000
Provincial Government	KZN Provincial Schools Programme (96 Schools)	2010	2018	Complete	R 993 300 000	\$ 66 220 000
Local Government	Port Shepstone Intermodal Facility	2010	2021	Ongoing	R 498 600 000	\$ 33 240 000
Provincial Government	Community Services Offices (7 Centres)	2011	2014	Complete	R 112 900 000	\$ 7 526 667
Local Government	Mbombela Science & Heritage Centre	2012	2021	On Hold	R 260 000 000	\$ 17 333 333
Local Government	Mbombela International Convention Centre	2012	2021	On Hold	R 1 800 000 000	\$ 120 000 000
Private Developer	Edgars Oudtshoorn	2013	2014	Complete	R 30 000 000	\$ 2 000 000
Private Developer	Melmoth Shopping Centre	2013	2014	Complete	R 25 000 000	\$ 1 666 667
Private Developer	Mqanduli Shopping Centre	2014	2016	Complete	R 63 000 000	\$ 4 200 000
Local Government	Mooi River Small Town Rehabilitation Programme	2015	2017	Complete	R 5 000 000	\$ 333 333
State Owned Enterprise	Isipingo Retail Development	2016	2021	Ongoing	R 358 300 000	\$ 23 886 667
Private Developer	Mpushini Industrial Park	2016	2021	Ongoing	R 900 000 000	\$ 60 000 000
Local Government	Dannhauser Local Municipality Offices	2017	2021	Ongoing	R 139 000 000	\$ 9 266 667
State Owned Enterprise	Mandeni Youth Enterprise	2019	2021	Ongoing	R 5 800 000	\$ 386 667

Recent Project Experience

Infrastructure Sector

Client	Project Description	Start	End	Status	Value (ZAR)	Value (USD)
Local Government	Rehabilitation of Mnyamana Road in Ulundi Unit A	2011	2011	Complete	R 5 500 000	\$ 366 667
Local Government	Rehabilitation of Roads in Ulundi Unit B South	2012	2013	Complete	R 13 000 000	\$ 866 667
Local Government	Construction of Jimali Gravel Roads	2012	2015	Complete	R 12 500 000	\$ 833 333
State Owned Enterprise	Ntuzuma Magistrates Court	2012	2013	Complete	R 232 900 000	\$ 15 526 667
Local Government	Construction of 2.1Km Nyanda Gravel Road	2013	2014	Complete	R 3 400 000	\$ 226 667
Local Government	Construction of 2.5Km Ezingadini Gravel Road	2013	2014	Complete	R 4 500 000	\$ 300 000
Local Government	Construction of Ndebele Gravel Road	2013	2014	Complete	R 3 800 000	\$ 253 333
Local Government	Construction of 5Km Tholwethu Gravel Road	2013	2014	Complete	R 3 400 000	\$ 226 667
Local Government	Rehabilitation of Roads in Ulundi Unit D	2013	2015	Complete	R 12 000 000	\$ 800 000
Local Government	Rehabilitation of Roads in Ulundi Unit C	2013	2013	Complete	R 17 000 000	\$ 1 133 333
Local Government	Paving of Emadoshini Road in Ward 13, Bhekuzulu Location & Stormwater	2014	2015	Complete	R 7 700 000	\$ 513 333
Local Government	Ngwane Road Phase 2	2014	2014	Complete	R 3 100 000	\$ 206 667
State Owned Enterprise	Renovation and upgrade of x 8 Railways Stations	2015	2016	Complete	R 24 000 000	\$ 1 600 000
Local Government	Nyandeni & Port St Johns Municipalities	2015	2016	Complete	R 33 000 000	\$ 2 200 000
Local Government	Construction of Ntabankulu Gravel Roads	2015	2016	Complete	R 5 200 000	\$ 346 667
Local Government	Construction of N.J Mbuli Gravel Roads	2015	2015	Complete	R 4 300 000	\$ 286 667

Recent Project Experience

Infrastructure Sector - Continued

Client	Project Description	Start	End	Status	Value (ZAR)	Value (USD)
State Owned Enterprise	Agricultural Irrigation System	2014	2018	Complete	R 14 300 000	\$ 953 333
Local Government	Construction of Alpha Gravel Roads	2015	2015	Complete	R 5 800 000	\$ 386 667
Local Government	Construction of St Paul Gravel Roads	2015	2015	Complete	R 8 600 000	\$ 573 333
Local Government	Construction of Bus Halts on R40 through Nelspruit, in Mbombela	2016	2018	Complete	R 54 000 000	\$ 3 600 000
Local Government	Construction of Bus Halts in R538, Contracts 131 A, B & C	2017	2020	Complete	R 27 000 000	\$ 1 800 000
Provincial Government	Mpumalanga Roads – Rehabilitation of D2978 in Matsulu B	2019	2020	Complete	R 28 400 000	\$ 1 893 333
Provincial Government	Mpumalanga Roads – Rehabilitation of D2975 in Matsulu B	2019	2020	Complete	R 30 300 000	\$ 2 020 000
Local Government	Construction of High Street Bridge and Road	2019	2020	Complete	R 12 500 000	\$ 833 333
Local Government	Construction of High Street Bridge and Road	2019	2020	Complete	R 12 500 000	\$ 833 333
Local Government	Community Infrastructure (UNDP Grant Funded)	2021	2021	Ongoing	R 15 000 000	\$ 1 000 000
State Owned Enterprise	Midmar Dam internal roads upgrade program	2021	2021	Ongoing	R 25 000 000	\$ 1 666 667

Recent Project Experience

Equipment and Commodity Aggregation

Description	Value (USD)	Period (Year)	Buyer	Seller
Coal	\$ 120 000 000	2015 - 2018	South Africa / International	South Africa
Coal	\$ 200 000 000	2020 – 2021 - Current	South Africa / International	South Africa
Chrome Ore / Lumps / Ferro	\$ 50 000 000	2012 - 2013	International	South Africa
Chrome Ore / Lumps / Ferro	\$ 50 000 000	2020 – 2021 – Current	International	South Africa
Manganese	\$ 20 000 000	2016 – 2018	South Africa / International	Zambia / Zimbabwe / South Africa
Iron Ore	\$ 200 000 000	2011- 2014	International	South Africa
Iron Ore	\$ 300 000 000	2020 – 2021	International	South Africa
Petroleum Products	\$ 7 000 000 000	2012 – 2013	International	Australia
Petroleum Products	\$ 500 000 000	2016 - 2018	South Africa	USA
Petroleum Products	\$ 200 000 000	2020 - 2021	South Africa	Australia
Agri (Maize, Beans, Sugar)	\$ 150 000 000	2014 – 2016	South Africa / International	Malawi / Brazil / South Africa
Metals (Gold, Copper)	\$ 100 000 000	2015 - 2019	International	Australia / Africa
Medical	\$ 10 000 000	2018 - 2021	Angola	South Africa / International

South Africa (Head Office)

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Zambia

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Lusaka, 10101, Zambia
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Email: info@delca.co.za

United Kingdom

60 Gracechurch Street
London, EC3VOHR, DX700
Tel: +27 66 221 2022
Email: andrewd@delca.co.uk

Regional Offices (South Africa)

Johannesburg

1751 Essenwood Crescent,
Midrand, 1687

Port Elizabeth

126 Caledon Street, Sherwood,
Port Elizabeth, 6025

Eastern Cape

14 Stewart Drive, Berea,
East London, 5201

Nelspruit

Suite 807, 8th Floor, Pinnacle Building,
1 Parkin Street, Nelspruit, 1200

Ladysmith

367 Murchison Street,
Ladysmith, 3370

Mahikeng

33 Warren Street,
Mahikeng, 2745