



ILISU CONSULTANTS CC

CIVIL & STRUCTURAL ENGINEERING

COMPANY PROFILE 2026

Project Management · Structural Engineering · Civil Engineering
Water & Environmental Engineering · Property Development

20+

Years of Experience

R2.7B+

Project Value Delivered

4

Core Service Divisions

ECSA

Registered Professionals

1. COMPANY OVERVIEW

Ilisu Consultants CC is a multi-disciplinary engineering firm established in 2004, headquartered in Pinetown, KwaZulu-Natal. The company specialises in Project Management, Structural Engineering, Civil Engineering, Water and Environmental Engineering, and Property Development.

With over two decades of sustained delivery across the public and private sectors, Ilisu has built a distinguished track record on projects ranging from community health facilities and bulk water infrastructure to large-scale housing and road networks.

AT A GLANCE

Established	2004
Headquarters	Pinetown, KZN
ECSA	PrEng × 3 PrTech × 1
NHBRC	Reg. No. 159940
Sectors	Public & Private
Coverage	KwaZulu-Natal wide

2. VISION, MISSION & VALUES

VISION

› To be a leading player in the engineering field and the client's first choice provider of quality, innovative services.

MISSION

- › Deliver projects exceeding client expectations
- › Foster employee growth and potential
- › Build trusted, long-term partnerships
- › Participate in sustainable community development

VALUES

- › Mutual Trust & Respect
- › Dedication to Service Quality
- › Participation & Teamwork
- › Recognition of Excellence

3. CORE SERVICES

ENGINEERING UNIT

- ▶ Bulk water supply systems
- ▶ Water & wastewater treatment works and pump stations
- ▶ Water & wastewater reticulation
- ▶ Ground water reservoir design & construction
- ▶ Design and rehabilitation of roads
- ▶ Structural engineering (steel, RC & prestressed concrete)

CONSTRUCTION UNIT

- ▶ Hospitals and clinics
- ▶ Low-cost & social housing
- ▶ Water supply infrastructure & purification
- ▶ Maintenance and repairs
- ▶ Concrete and retainer structures
- ▶ Water, sewer and stormwater installation
- ▶ Landfill site engineering & design



- Project management & contract administration
- Labour-intensive contract management
- Housing project packaging & management

INSTITUTIONAL & SOCIAL DEVELOPMENT

- Social facilitation
- Capacity building
- Training and mentorship
- Community liaison

4. KEY PERSONNEL

Name	Qualification	Position	Registration
Thokoza Bulose	BSc Eng (Civil), GDE (Sanitary Eng)	Founder / Director	PrEng · ECSA 20050182
Patrick Masuku	BSc Civil Engineering	Chief Structural Engineer	PrEng · ECSA 960251
Mthetheli Sikhosana	BSc Eng (Civil)	Associate Senior Engineer	PrEng · ECSA 20170127
Daniel Terblanche	T5 Masters Diploma (Tech & Transportation)	Senior Technologist	PrTech · ECSA 9370075
Albert Muzangwa	ND Civil Engineering	Senior Civil & Structural Tech	—
Nonzolo Mvumbi	ND Civil Engineering	Technician	Candidate · 200920056
Sphephelo Msibi	S4 Civil Engineering	Technician	Candidate · 201620635
Raeesa Abdul Gaffoor	LLB	Conveyancer / Attorney	Attorney & Conveyancer

5. KEY PROJECTS

5.1 Building Structural Projects

Umphumulo Hospital – New Core Block (WIMS 044012)

Client	KZN Dept. of Public Works / Dept. of Health
Location	Umphumulo, KwaZulu-Natal
Contract Value	R 994,991,496.94 (All Phases) Phase 1: R 689,142,853.82
Services	Structural & Civil Engineering as part of a multi-disciplinary team
Period	2023 – Ongoing
Scope	<i>Phased construction of a new core block incorporating Maternity, Neonatal, Mental Health Unit, Gateway Clinic, Guard House and related external works.</i>

King Dinizulu Hospital – Flood Damage Repairs

Client	KZN Department of Health
Location	Durban, KwaZulu-Natal
Contract Value	R 3,646,024.23
Services	Structural Engineering, Contract Administration, Construction Supervision
Period	September 2024 – February 2025

Scope

Remedial works across eight areas addressing water ingress, strip and replacement of failed bitumen torch-on waterproofing membrane, refurbishment of structural expansion joints and stormwater management.

Jozini Community Health Centre

Client	Independent Development Trust (IDT) / KZN Department of Health
Location	Jozini, KwaZulu-Natal
Contract Value	R 270,000,000.00
Services	Civil & Structural Design, Construction Supervision
Period	March 2012 – December 2016
Scope	<i>Full design and supervision of all civil and structural engineering works including structural building works, internal roads and upgrading of gravel road D850 to blacktop surface.</i>

G.J. Crookes Hospital – Flood Damage Recovery

Client	KZN Department of Health
Location	Durban, KwaZulu-Natal
Contract Value	Ongoing
Services	Civil & Structural Engineering, Project Management (Stages 1–6)
Period	2023 – Ongoing
Scope	<i>Asbestos eradication, flood damage recovery and associated structural rehabilitation works.</i>

Port Shepstone Hospital – Water Storage Reservoir

Client	KZN Department of Health
Location	Port Shepstone, KwaZulu-Natal
Contract Value	Design Stage (2025)
Services	Civil Engineering Design, Water Supply Infrastructure
Period	2025
Scope	<i>Design of 1.26 ML storage reservoir, borehole integration, filtration system and associated pipeline infrastructure for a 329-bed facility with future expansion capacity.</i>

5.2 Water Distribution & Civil Infrastructure

Inanda Dam – Storm Damaged Water Infrastructure Rehabilitation

Client	KZN Department of Water Affairs
Location	KwaZulu-Natal
Contract Value	R 850,000,000.00
Services	Water Infrastructure Rehabilitation – reservoirs, pump stations, bulk mains
Period	—
Scope	<i>Rehabilitation of storm-damaged bulk water supply infrastructure including concrete reservoirs, pump stations and distribution mains serving the greater Durban metropolitan area.</i>

Water Supply to Nongoma Wards 4 & 12

Client	Mhlathuze Water / Zululand District Municipality
Location	Nongoma, KwaZulu-Natal
Contract Value	R 122,961,148.14
Services	Design and Engineering Services (in association with Ilifa Africa Engineers)
Period	2015
Scope	<i>Retrofit of surface water infrastructure, borehole improvements, construction of new ground water reservoirs (10,002 kL – Ward 4; 11,725 kL – Ward 12) and reticulation networks.</i>

Lower Thukela Bulk Water Supply Scheme

Client	KZN Department of Water & Sanitation
Location	KwaZulu-Natal
Contract Value	—
Services	Bulk Water Supply Infrastructure – reservoir design, pipeline, pump stations
Period	—
Scope	<i>Engineering services for bulk water supply infrastructure including ground water reservoir design, pipeline design and pump station specification.</i>

Abaqulusi Water Supply – Wards 5, 6, 7 & 22

Client	Mhlathuze Water / Dept. of Water and Sanitation
Location	Abaqulusi Municipality, KwaZulu-Natal
Contract Value	R 30,046,187.39
Services	Technical Consultant, Construction Supervision
Period	January 2018 – May 2018
Scope	<i>Natural spring protection, construction of 7.5 km HDPE pipeline (25–75 mm diameter), break pressure tanks and 10 community standpipes.</i>

Refurbishment of UMzimkhulu Water Supply Schemes

Client	Sisonke District Municipality
Location	UMzimkhulu, KwaZulu-Natal
Contract Value	R 35,000,000.00
Services	Plan, Design, Construction Supervision
Period	May 2007 – July 2011
Scope	<i>Refurbishment of 22 water supply schemes including water treatment plants, pump stations, concrete reservoirs and bulk distribution networks.</i>

DWAF Schools Water & Sanitation Programme

Client	Mhlathuze Water / Dept. of Water Affairs
Location	UThungulu, Ilembe, Mzinyathi, Umgungundlovu, Zululand
Contract Value	R 200,000,000.00
Services	Principal Agent, Design & Contract Administration
Period	August 2008 – November 2009
Scope	<i>Provision of sanitation facilities and potable water supply (including paraplegic-accessible facilities) to learners and educators in rural and urban schools.</i>

5.3 Landfill Site Engineering

Landfill Site Engineering & Environmental Civil Works

Client	Various Municipalities – KwaZulu-Natal
Location	KwaZulu-Natal
Contract Value	Multiple Projects
Services	Geotechnical Investigation, Liner System Design, Leachate Collection, Stormwater Management, Cell Design, Closure Capping
Period	Ongoing
Scope	<i>Ilisu provides engineering design services for municipal solid waste landfill sites, covering cell design and lining systems, leachate collection and treatment, stormwater management, gas venting systems and final closure capping. Services include environmental impact assessments, geotechnical investigations and construction monitoring to ensure compliance with Department of Environment requirements.</i>

5.4 Housing & Human Settlements

Austerville Refurbishment of Residential Flats

Client	MFP Business Consulting / eThekweni Municipality
Location	Austerville, KwaZulu-Natal
Contract Value	R 570,000,000.00
Services	Civil & Structural Design, Supervision
Period	Current – Design Stage
Scope	<i>Multi-storey residential buildings up to 15 floors benefiting approximately 600 families.</i>

Unkosi Inlil Housing Project

Client	eThekweni Housing Department
Location	Mandeni, KwaZulu-Natal
Contract Value	R 150,000,000.00
Services	Structural & Civil Design, Construction Supervision, Building Inspection
Period	April 2008 – May 2013
Scope	<i>Construction of approximately 2,000 low-cost houses (40 m² block structures).</i>

Cato Crest Housing Project

Client	eThekweni Municipality
Location	Chesterville, Durban, KZN
Contract Value	R 24,000,000.00
Services	Civil & Structural Design, Construction Supervision
Period	March 2018 – November 2019
Scope	<i>Appointed as Structural Engineers: geotechnical assessments, foundation design, suspended slabs and roofing for 71 double-storey residential units. Detailed geotechnical investigations ensured safe, cost-effective construction and alignment with the Municipality's densification strategy. Reference: Zilungile Kunene, Senior Manager Housing, eThekweni Municipality (April 2025).</i>

Driefontein Housing Project

Client	KwaDukuza Municipality / Department of Human Settlements
Location	Driefontein, KwaZulu-Natal
Contract Value	R 13,663,525.00
Services	Implementing Agent, Project Management
Period	September 2019 – Ongoing
Scope	<i>Project Managers and Civil Engineering Consultants for 1,500 excised sites. Services included land surveying, geotechnical investigations, township</i>

establishment approvals, and design of water, sanitation, road and stormwater reticulation systems. Tranche 1 planning and Staged Tranche 2 (including construction of 60 houses) successfully completed. Reference: KwaDukuza Municipality (Ms N NKawula, April 2025).

Umlazi Infill Housing Phase 1, Part 5 – 2,825 Sites (Contract 1H9807)

Client	eThekweni Municipality Housing Unit
Location	Umlazi, KwaZulu-Natal
Contract Value	R 395,000,000.00
Services	Large-Scale Housing Development, Bulk Infrastructure, Civil Works, Community Facilities
Period	January 2007 – August 2010
Scope	<i>The largest component of the Umlazi Infill programme: large-scale construction of 2,825 residential sites including community facilities and bulk infrastructure. A benchmark for public-private collaboration, completed with adherence to ESG principles despite complex logistical challenges. Reference: Ms Nompumelelo Mncadi, Manager: Projects, eThekweni Municipality.</i>

Umlazi Infill Housing Phase 1, Part 2 – 1,080 Sites (Contract 1H7354)

Client	eThekweni Municipality Housing Unit
Location	Umlazi, KwaZulu-Natal
Contract Value	R 180,000,000.00 (top structures)
Services	Structural Engineering Services, Housing Site Construction
Period	July 2012 – September 2014
Scope	<i>Structural engineering services for the construction of 1,080 housing sites. Project met all technical and regulatory requirements with zero critical defects at final inspection. Commended for effective community engagement and supply chain logistics management. Reference: Ms Nompumelelo Mncadi, Manager: Projects, eThekweni Municipality.</i>

Umlazi Infill Housing Phase 1, Part 2 – 671 Sites (Contract IH-7354)

Client	eThekweni Municipality Housing Unit
Location	Umlazi, KwaZulu-Natal
Contract Value	R 100,000,000.00
Services	Civil Works, Infrastructure, Construction of Fully Serviced Stands
Period	March 2013 – November 2016
Scope	<i>Construction of 671 residential sites including civil works, infrastructure and handover of fully serviced stands. All deliverables including as-built drawings and compliance certificates submitted to the Municipality. Project completed to specification with professionalism and timely delivery. References: Zilungile Kunene (eThekweni) and Ms Nompumelelo Mncadi, Manager: Projects.</i>

Umlazi Infill Housing Phase 1, Part 2 – 363 Sites (Contract 1H7354)

Client	eThekweni Municipality Housing Unit
Location	Umlazi, KwaZulu-Natal
Contract Value	R 58,000,000.00 (top structures)
Services	Structural Engineering, Turnkey Delivery of Residential Sites
Period	May 2015 – December 2016
Scope	<i>Structural engineering and turnkey delivery of 363 residential sites. Works completed within agreed timeline and budget with a 98% satisfaction rating from beneficiary inspections. Reference: Ms Nompumelelo Mncadi, Manager: Projects, eThekweni Municipality.</i>

Storm Damage 2019 – Western Region (Contract 1H-42893)

Client	eThekweni Municipality – Human Settlements
Location	Western Region, KwaZulu-Natal
Contract Value	R 35,000,000.00
Services	Structural Engineering Consultancy: Platform Design, Retaining Wall Design, Foundation Design, Site Monitoring, Payment Certification
Period	2019 – August 2022
Scope	<i>Lead structural engineering consultancy for 100 storm-damaged top structures, 117 retaining walls and 129 transit camps. Issued 100 Top Structure Completion Certificates (August 2022) verifying compliance with KZN Human Settlements standards. Project delivered within scope. Reference: Mr Bonginkosi Khumalo, Senior Manager Housing, eThekweni Municipality.</i>

SJ Smith Community Residential Units – Block D

Client	eThekweni Municipality (Human Settlements)
Location	KwaMashu, KwaZulu-Natal
Contract Value	R 18,456,158.60 (adjusted)
Services	Project Management, Civil & Structural Design, Construction Supervision
Period	2013 – 2018
Scope	<i>Refurbishment of 68 residential units including decanting of 310 tenants and conversion of Beer Hall for temporary accommodation.</i>

Ndwedwe Disaster Housing

Client	iLembe Municipality / Ndwedwe Local Municipality
Location	Ndwedwe, KwaZulu-Natal
Contract Value	R 10,700,084.72
Services	Project Management, Engineering Services
Period	December 2023 – Ongoing
Scope	<i>Pre-construction of 83 units and construction of 52 replacement housing units for families affected by the 2019 disaster.</i>

Ezibomvini Rural Housing Project

Client	KZN Dept. of Human Settlements / Msinga Municipality
Location	Msinga, KwaZulu-Natal
Contract Value	500 Sites
Services	Civil & Structural Engineering
Period	2011 – 2016
Scope	<i>Rural in-situ upgrade of 500 sites including structural design, slab inspections, wall-plate inspections and project management.</i>

5.5 Roads, Infrastructure & Specialist Projects

Thamela Mthunzi Link Road

Client	Ixopo Local Municipality
Location	KwaZulu-Natal
Contract Value	R 4,958,308.65
Services	Civil Engineering, Construction Supervision
Period	April – December 2020
Scope	<i>Construction of approximately 4.5 km gravel access road linking Thamela and Mthunzi villages including stormwater culverts and low-level stream crossings.</i>

Eskom CNC Pongola – Solar PV Structural Assessment

Client	Eskom
Location	Pongola, KwaZulu-Natal
Contract Value	Design Stage
Services	Structural Engineering Assessment and Installation Guide
Period	March 2026
Scope	<i>Structural assessment of Sector Office and Admin Building roofs for 13.02 kWp solar PV integration, confirming timber truss adequacy and providing wind uplift anchorage specifications.</i>

Dondotha Slope Erosion Protection

Client	Transnet / MTN
Location	Emakwezini, Zululand District, KZN
Contract Value	R 2,992,700.00
Services	Structural Assessment, Design, Construction
Period	2014
Scope	<i>Design and installation of a 60 m × 10 m dry stack retainer wall system with tie-backs and drainage to protect a railway cutting from erosion and rock falls.</i>

5.6 Education & Community Facilities

Department of Education Infrastructure Programme – 23 Schools

Client	Development Bank of South Africa (DBSA) / KZN Dept. of Education
Location	uMkhanyakude District, KwaZulu-Natal
Contract Value	R 62,900,000.00
Services	Assessment, Detailed Design, Procurement, Construction Management
Period	April 2019 – March 2024

UKZN New Livelihood Building

Client	UKZN / KZN Dept. of Human Settlements
Location	Pietermaritzburg Campus, KwaZulu-Natal
Contract Value	R 40,000,000.00
Services	Civil & Structural Design, Construction Supervision
Period	March 2019 – March 2020

KwaNdaba Primary School

Client	IDT / Dept. of Education
Location	KwaMaphumulo, KwaZulu-Natal
Contract Value	R 8,100,000.00
Services	Construction Supervision, Structural & Civil Design
Period	June 2009 – February 2010
Scope	<i>Construction of 3 new classroom blocks, Administration block, ECD block, Multipurpose classroom, Nutrition facility and Ablution blocks.</i>

Mamba & Ntulwane One-Stop Service Stations

Client	IDT / Dept. of Social Welfare
Location	Nkandla, KwaZulu-Natal
Contract Value	R 16,000,000.00
Services	Structural Design, Construction Supervision
Period	April 2008 – April 2009
Scope	<i>Two Community Service Centres (40 km apart), each comprising ECD block, service centre for the elderly, administration offices and community care centre (2,270 m² total).</i>

6. REGISTRATIONS & CERTIFICATIONS

Registration	Number	Date
ECSA Professional Engineer – Thokoza Bulose	20050182	15 August 2005
ECSA Professional Engineer – Patrick Masuku	960251	23 May 1996
ECSA Professional Engineer – Mthetheli Sikhosana	20170127	13 June 2017
ECSA Professional Technologist – Daniel Terblanche	9370075	29 July 1993
NHBRC Developer Registration	159940	Current
CIDB Registration	—	Current

7. CONTACT DETAILS

OFFICE ADDRESS

16 Davidson Road South
Pinetown 3610
KwaZulu-Natal, South Africa

P.O. Box 493, New Germany 3620

GET IN TOUCH

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This company profile is based on verified project documentation and CVs of key personnel. Projects listed have been cross-referenced with design reports, progress reports, close-out reports and financial records.