



BUILT ENVIRONMENT CONSULTANTS (PTY) LTD

COMPANY PROFILE

Engineering, project management and built environment consulting
for the South African public sector.

ESTABLISHED

2015

B-BBEE

LEVEL 1

OWNERSHIP

100% BLACK YOUTH OWNED

HEAD OFFICE

CENTURION

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Kago means to build. That is the whole brief.

Kago Built Environment Consultants (Pty) Ltd was established in 2015, formerly trading as Kago Consulting Services. We are an engineering and project management firm specialising in civil engineering and project management, with in-house capability across electrical and mechanical engineering, quantity surveying, occupational health and safety, and survey.

Our team is an integrated group of engineers, technologists, technicians, surveyors, quantity surveyors, health and safety specialists and project managers. One firm carries a project from feasibility through to final account, so nothing is lost in the handover between consultants.

Most of our clients are in the public sector, where budgets are fixed, procurement is scrutinised and communities are waiting. We plan for that from day one: buildable designs, defensible cost plans, and reporting that stands up to audit.

Our mission

To provide the best services and solutions to our clients, the communities they serve, and South Africa as a whole.

What we stand for

- Operational excellence, on time and within budget.
- Work that improves the quality of life in emerging communities.
- Transformation as practice, not as a certificate.
- Safety and continual improvement on every site.

02 • COMPANY PARTICULARS

The company at a glance

REGISTERED NAME Kago Built Environment Consultants (Pty) Ltd

FORMERLY Kago Consulting Services

COMPANY REGISTRATION K2015002926

DATE OF INCORPORATION 12 January 2015

COMPANY STATUS Active, in good standing

B-BBEE STATUS Level 1 contributing entity

OWNERSHIP 100% black owned • 100% black youth owned

INDUSTRY Civil engineering, project and construction management

PROFESSIONAL BODIES ECSA • SACAP • SACPCMP • SABTACO

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Why appoint Kago Built

A Level 1 contributor gives your organisation the maximum recognised B-BBEE procurement recognition available. Beyond the scorecard, you get a single accountable professional team, disciplines that talk to each other because they sit in the same office, and a director who is personally registered in both project management and engineering.

Leadership



Mr Mosimanekago Meshack Mokae

MANAGING DIRECTOR

PR CPM (SACPCMP) • PR TECH ENG (ECSA)

Mr Mokae founded the firm in 2015 and leads it as Director. He is one of the few practitioners in the sector to hold professional registration on both sides of the delivery equation — as a Professional Construction Project Manager with the SACPCMP and as a Professional Engineering Technologist with ECSA.

That dual registration is deliberate. It means the firm's project management advice is grounded in engineering reality, and its engineering decisions are made with the programme, the contract and the client's budget in view.

His technical specialisation is transportation engineering, carried through his B-Tech and master's research. He is currently reading for a doctorate in civil engineering, and continues to supervise and mentor candidate engineers and technologists within the practice.

Qualifications

MEng Civil Engineering (Transportation)

B-Tech Civil Engineering (Transportation)

National Diploma Civil Engineering

PhD in Civil Engineering — in progress

Professional registration

Pr CPM — SACPCMP

Professional Construction Project Manager

Pr Tech Eng — ECSA

Professional Engineering Technologist

Six disciplines, one accountable team

Appoint us for a single service or for the full professional team. Either way you deal with one point of accountability.

-
- | | | |
|----|--|---|
| 01 | Civil & structural engineering | Roads, stormwater, bulk earthworks and water services, reinforced concrete and structural steel. We design for buildability and for the maintenance budget that follows handover, not only for the drawing. |
| 02 | Electrical & mechanical engineering | Reticulation, internal and external lighting, standby power, HVAC, fire and wet services for public buildings, campuses and transport facilities. |
| 03 | Project & programme management | Multiple concurrent packages coordinated against one programme, one budget and one reporting line, with progress reporting formatted for council and committee scrutiny. |
| 04 | Quantity surveying | Cost planning, bills of quantities, procurement documentation, interim valuations and final accounts, prepared to survive audit. |
| 05 | Occupational health & safety | Construction Regulations compliance, safety files, baseline risk assessment, site audits and environmental management planning. |
| 06 | Topographical & geotechnical survey | Site suitability, contour and detail survey, and geotechnical investigation completed before design begins, so ground conditions are a known quantity rather than a variation order. |
-

Stages 1 to 7, start to close-out

We are appointed across the full range of standard work stages. Clients engage us for the complete cycle or for any stage within it.

- 1 Inception**
Establish the client brief, budget parameters and the site's real constraints.
- 2 Concept & viability**
Test options against cost, programme and statutory requirements.
- 3 Design development**
Develop the accepted concept into a coordinated, costed design.
- 4 Documentation & procurement**
Produce tender documentation and run a defensible procurement process.
- 5 Contract administration**
Supervise the works, certify payment, control quality and variation.
- 6 Close-out**
Practical completion, defects liability, as-builts and operating manuals.
- 7 Final account**
Reconcile and close the contract with a full, auditable record.

Reporting you can table

Every appointment includes progress reporting written for the people who have to defend the project — a council committee, an accounting officer, an internal auditor. Plain language, a clear cost position, and the risks named before they become claims.

Work we have signed our name to

NO	PROJECT	CLIENT	LOCATION	DISCIPLINES
01	Design and construction of a sports complex, Casteel	Bushbuckridge Local Municipality	Mpumalanga	Civil & structural · Project management
02	Staff accommodation, dormitories, conference centre and recreation amenities, Nylsvlei Nature Reserve	DBSA, on behalf of LEDET	Limpopo	Project management · Civil & structural · QS
03	Luthuli Link Route, Phase 1 and 2	Thembisile Hani Local Municipality	Mpumalanga	Civil & structural · Project management
04	Mountain View Link Route, Phase 1 and 2	Thembisile Hani Local Municipality	Mpumalanga	Civil & structural · Project management
05	Supervision of maintenance of road D1021, Mopani to Nzhelele Nature Reserve, Makhado Local Municipality	Roads Agency Limpopo (RAL)	Vhembe District, Limpopo	Civil & structural · Project management
06	Matholesville Extension 3-5 township establishment — 1,653 housing units	Gauteng Department of Human Settlements	Gauteng	Civil & structural · Project management
07	Wedela Extension 3 roads and stormwater, Phase 8 — culvert bridge replacement	Merafong City Local Municipality	Carletonville, Gauteng	Civil & structural · Project management
08	Water use licence application (WULA), Carletonville	Merafong City Local Municipality	Gauteng	Civil & structural

06 · PROJECT REGISTER, CONTINUED

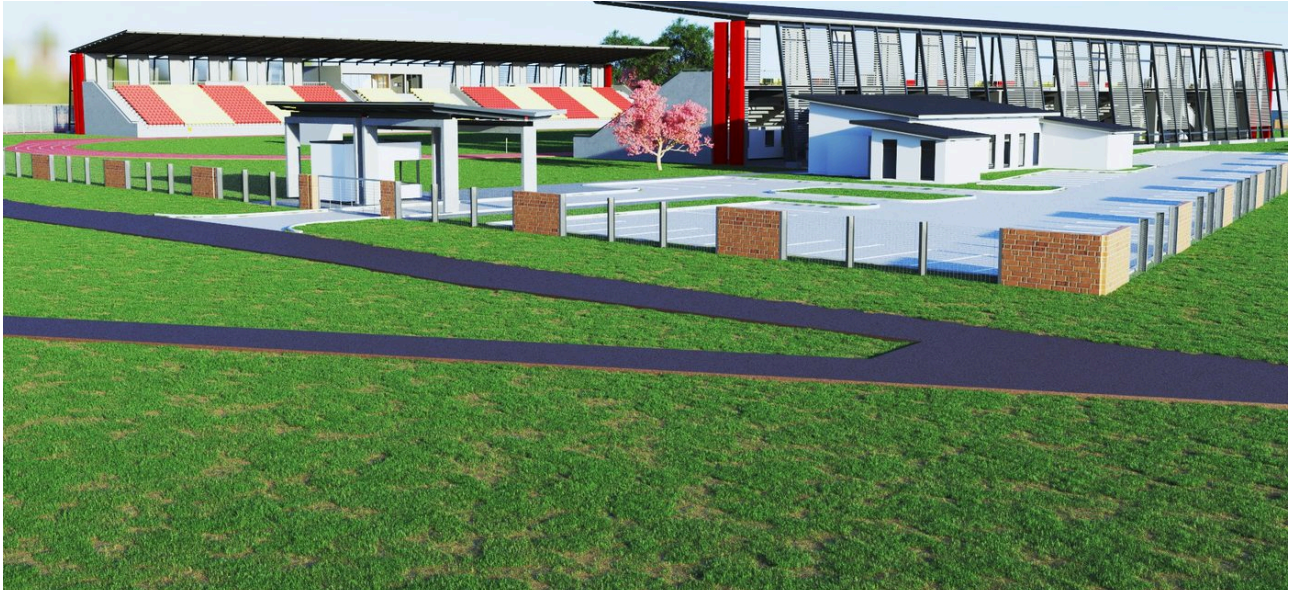
NO	PROJECT	CLIENT	LOCATION	DISCIPLINES
09	Rahima Moosa Mother and Child Hospital remedial works	Gauteng Department of Infrastructure Development	Gauteng	Occupational health & safety
10	Construction of Rapulana Clinic	North West Department of Health	North West	Civil & structural
11	Construction of Potchefstroom Hospital archive	North West Department of Health	North West	Civil & structural
12	Soweto Gateway Feature	Johannesburg Development Agency	Gauteng	Civil & structural · Project management
13	Kaalfontein and Matholesville multipurpose centres	Johannesburg Development Agency	Gauteng	Project management
14	Jabulani Precinct, Phase 5	Johannesburg Development Agency	Gauteng	Project management
15	Jabulani Interchange transportation facility centre	Johannesburg Development Agency	Gauteng	Quantity surveying
16	Johannesburg City Library	City of Johannesburg	Gauteng	Electrical & mechanical

06 • PROJECT REGISTER, CONTINUED

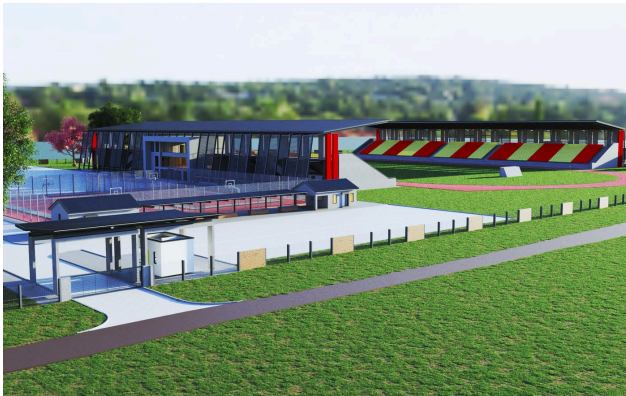
NO	PROJECT	CLIENT	LOCATION	DISCIPLINES
17	Murray Park Library	City of Johannesburg	Gauteng	Electrical & mechanical
18	Inner City taxi ranks	Johannesburg Development Agency	Gauteng	Electrical & mechanical
19	Construction of SAFE ablution blocks	National Education Collaboration Trust	Multiple provinces	Civil & structural • Project management
20	Construction of Lephalale building archive	Lephalale Local Municipality	Limpopo	Project management
21	Refurbishment of Unisa main campus	University of South Africa	Pretoria	Civil & structural • Electrical & mechanical

07 • FEATURED PROJECT

Sports complex, Casteel



GRANDSTAND, ATHLETICS TRACK AND MULTIPURPOSE COURTS – DESIGN VISUALISATION



MAIN GRANDSTAND AND PUBLIC ENTRANCE • SEATING BOWL AND ANCILLARY BUILDINGS

A full sports complex for Casteel, taken from design through construction: a covered main grandstand, a tiered seating bank opposite, athletics track, multipurpose hard courts, change and ablution facilities, entrance control, parking and the supporting site infrastructure.

CLIENT	Bushbuckridge Local Municipality
LOCATION	Casteel, Mpumalanga
SCOPE	Design and construction
DISCIPLINES	Civil and structural engineering, project management

07 • FEATURED PROJECT

Nylsvlei Nature Reserve



CONFERENCE CENTRE — DESIGN VISUALISATION



CONFERENCE CENTRE, GARDEN ELEVATION • DORMITORY BLOCK

Planning, design development, procurement documentation and works supervision — work stages 1 to 7 — for staff accommodation, dormitories, a conference centre and associated recreation amenities. Building inside a protected wetland reserve sets the terms: a light footprint, natural stone and timber-toned screening, deep overhangs for passive shading, and services that do not compromise the vlei.

CLIENT	Development Bank of Southern Africa (DBSA)
END USER	Limpopo Economic Development, Environment and Tourism (LEDET)
LOCATION	Nylsvlei Nature Reserve, Limpopo
SCOPE	Stages 1–7
DISCIPLINES	Project management, civil and structural engineering, quantity surveying

07 • FEATURED PROJECT

Wedela Extension 3 culvert bridge



THE ROUTE CLOSED AT THE FAILED CROSSING • NEW KERB AND CHANNEL ALONG THE APPROACH

The existing corrugated culvert bridge on Alfred Kobi Street collapsed under flooding, cutting Wedela Extension 3 off from the D92. We were appointed for the full professional scope: scoping, preliminary and detailed design, tender documentation, and construction supervision and management.

The site sits next to a gold mine, where the soils are acidic. We identified corrosion as the likely cause of the original culvert's failure and specified cement and materials chosen for corrosion resistance, so the replacement does not fail the same way. The new structure is founded on a reinforced concrete raft 3.5 m below the existing road surface, built off dump-rock pioneer layers with concrete sheet piling and a temporary river diversion, because the base slab sits below the water table.

CLIENT	Merafong City Local Municipality
LOCATION	Wedela Extension 3, Carletonville, Gauteng
BRIDGE	80 rectangular portal culverts (8 × 10) on a 300 mm base slab; deck widened from 7 m to 8.4 m with shoulders, raised block-paved walkways and guardrails
ROADWORKS	2,000 m rehabilitation and stormwater channel; 700 m reseal to the D92 intersection
DESIGN BASIS	TRH17 geometric; TRH4 pavement to class ES7 cemented, 20-year design life; stormwater to a 1:50 year return period
DISCIPLINES	Civil and structural engineering, project management

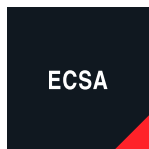
Who we answer to

Our work is concentrated in the public sector: development finance institutions, provincial departments, metropolitan and local municipalities, municipal entities and higher education.

DBSA	Development Bank of Southern Africa DEVELOPMENT FINANCE dbsa.org	BLM	Bushbuckridge Local Municipality MPUMALANGA bushbuckridge.gov.za
LEDE	Limpopo Economic Development, Environment and Tourism PROVINCIAL GOVERNMENT ledet.gov.za	THLM	Thembisile Hani Local Municipality MPUMALANGA thembisilehani.gov.za
RAL	Roads Agency Limpopo STATE-OWNED ENTITY ral.co.za	MCLM	Merafong City Local Municipality GAUTENG merafong.gov.za
GDHS	Gauteng Department of Human Settlements PROVINCIAL GOVERNMENT gauteng.gov.za	GDID	Gauteng Department of Infrastructure Development PROVINCIAL GOVERNMENT gauteng.gov.za
LLM	Lephalale Local Municipality LIMPOPO lephalale.gov.za	NWDH	North West Department of Health PROVINCIAL GOVERNMENT nwhealth.gov.za
JDA	Johannesburg Development Agency MUNICIPAL ENTITY jda.org.za	CJ	City of Johannesburg METROPOLITAN MUNICIPALITY joburg.org.za
USA	University of South Africa HIGHER EDUCATION unisa.ac.za	NECT	National Education Collaboration Trust NATIONAL nect.org.za
JCPZ	Johannesburg City Parks and Zoo MUNICIPAL ENTITY jhbcityparks.com	MG	Mangete Group PRIVATE SECTOR

Registered, and accountable

Our practice and our professional staff are registered with, or hold membership of, the following statutory councils and voluntary associations.



Engineering Council of South Africa

Statutory registration body for the engineering profession, and the only body that may confer professional engineering titles in South Africa.

ecsa.co.za



SA Council for the Project and Construction Management Professions

Statutory council regulating construction project management and construction health and safety.

sacpcmp.org.za



Construction Industry Development Board

Statutory body regulating and grading contractors for public sector construction procurement.

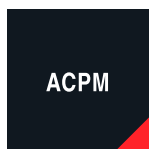
cidb.org.za



South African Institution of Civil Engineering

The professional voluntary association for civil engineering practitioners in South Africa.

saice.org.za



Association of Construction Project Managers

SACPCMP-accredited voluntary association for construction project management professionals.

acpm.co.za



SA Black Technical and Allied Careers Organisation

National body advancing black professionals across the built environment and engineering fields.

sabtaco.org.za

Level 1. 100% black youth owned.

Kago Built Environment Consultants is a Level 1 B-BBEE contributor and is 100% black youth owned. For a client organisation, that is the highest available procurement recognition level under the B-BBEE codes.

We regard transformation as an operating practice rather than a certificate. The firm develops candidate engineers, technologists and quantity surveyors towards professional registration, and prioritises local labour and local subcontractors on the communities where our projects are built.

Our health, safety and environmental commitments run alongside this. We strive for continual improvement in safety, production, quality and community service to the benefit of our stakeholders, employees, customers and the communities we work in.

Registrations and memberships

ECSA

Engineering Council of South Africa

SACAP

South African Council for the Architectural Profession

SACPCMP

South African Council for the Project and Construction Management Professions

SABTACO

South African Black Technical and Allied Careers Organisation



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