



EXCELLENCE IN TECHNOLOGY + ENGINEERING



## VISION & MISSION

### VISION

To be a fully competent medium enterprise offering specialised, quality engineering services, management consulting development and training

### MISSION

Employing the professional skills of accomplished staff, AMB delivers efficient and sustainable engineering, development and training solutions to our clients for the benefit of the communities of South Africa.



## COMPANY BACKGROUND

AMB Engineers (Pty) Ltd (AMB), a 100% Level 1 BEEE rated company, was founded and is owned by Bhekuyise Henry Makedama. A family man, Bhekuyise takes pride in the name AMB, derived from the initials of the first names of each of his three daughters.

Bhekuyise has significant experience in the Civil Engineering industry - in the design, contract administration and project management of various sorts of civil engineering projects.

In establishing AMB, Bhekuyise's vision was to build a company competent in the small to medium size business space, known for its professional service, quality of work and meaningful interaction with clients, during its first five years of operation. The AMB team is made up of highly skilled co-opted business associates, passionate about innovation - who will take up shareholding once sufficient traction in the industry is realised.

With the combined skill and experience of over 20 years in the industry, AMB focuses on infrastructure projects, including the design and construction of water and sanitation projects: roads and storm water projects: design and construction of sports facilities and community halls. AMB also offers Management Consulting services in the local government space (development of Annual Reports; facilitating Strategy Development, etc.) and Training and Development

AMB is driven by passion - striving for effectiveness and competitiveness in the delivery of quality services to our clients, focusing on the interests and the needs of local communities.



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### OBJECTIVES

- To provide quality services that meet clients' needs
- To operate in close proximity to the client through establishment of satellite offices in areas of operation.
- To deliver projects on time and cost electively.
- To broaden our customer base by diversifying our company offering
- To adhere to engineering principles in all our design criteria
- To resource the company with the requisite technical skill and promote professionalism in all our dealings.
- To contribute towards the development of young engineers; technologists and technicians.

### VALUES

**QUALITY OF SERVICE**  
**COST EFFECTIVENESS**  
**& EFFICIENCY**  
**TIMEOUS DELIVERY**  
**CUSTOMER CARE**  
**PROFESSIONALISM**

### TARGET MARKET

- Local, District & Metropolitan Municipalities
- Provincial Government
- National Government
- Private Sector
- Non Governmental Institutions
- State Owned Enterprises

### VALUE PROPOSITION

We set ourselves apart from others through offering engineering services with a developmental agenda being central to such services. All projects have a professional Engineer/Technologist certifying the quality of design and construction. AMB forges relationships with academia with the aim of strengthening research and development in the area of Roads and Transport Planning as our strong pillar of success. Training and Development is strengthened through partnerships with training specialists.



# SERVICES

The AMB associate team of highly skilled; experienced Professional Engineers and Engineering Technologists, all of whom have worked on high profile large engineering projects, deliver Strategy Development and Facilitation, Development and Training as well as the following services:

## PROGRAMME & PROJECT MANAGEMENT

AMB has strong Project and Programme Management ability, offering a range of services geared at ensuring that projects are correctly specified, budgeted, and managed.

These include:

- Initial Needs Analysis
- Feasibility Studies
- High-level Scoping and Cost Determination
- Project Motivation
- Detailed Planning and Costing
- Budget Management
- Tender and Contract Documentation
- Project and Construction Management
- Management of Service Providers
- Reporting Requirements

## ROADS & TRANSPORTATION PLANNING

AMB's experience and technical ability in roads and transportation planning, design and construction management is without question - providing quality services from the beginning to the end of the project life cycle, using the latest techniques and technology. Employment of local community members on projects is prioritised, with the objective of creating new employment opportunities and crucial skills development.

Our services include preparation of business plans, feasibility studies, design investigations, route planning and location, geometric design, pavement design, documentation, contract administration and construction supervision for the following:

- Urban arterials, collectors and streets
- National roads, freeways and interchanges
- Roads and parking areas for public and private building, commercial, industrial and housing developments
- Taxi and pedestrian facilities
- Bridges and retaining structures

## SOLID WASTE MANAGEMENT

AMB works with environmental specialists with extensive experience in the disposal of solid waste planning, environmental impact assessments, design, licensing, management and monitoring of municipal solid waste disposal sites.

- Development of Solid Waste Management Strategies
- Studies into the development & closure of solid waste disposal facilities
- Permits Applications for Landfill Sites (both for operating and for closure)
- Sewerage treatment plants, network & pump stations

## MANAGEMENT CONSULTING

With passion, skill and well-established capabilities, AMB provides management consultancy for all project types for the lifecycle of projects.

AMB's expertise allows us to support our clients at every level, regardless of size or complexity offering customised and creative solutions.

AMB assesses each new project from our client's perspective to gain an in-depth understanding of their objectives and establish the overall scope, providing extensive consultation and analysis.

To keep projects on schedule, reduce technical complexity risks, meet budget requirements and ensure compliance with relevant regulations, quality standards, construction permits and insurance guidelines, AMB utilises the very latest technologies.

## STRUCTURAL ENGINEERING

AMB's experience in planning, design, management and supervision in Structural Engineering extends to:

- Building services: residential and low-cost housing
- Elevated reinforced concrete towers
- Forensic investigations
- Sporting facilities reinforced and pre-stressed
- Structural steelwork
- Temporary structural design
- Concrete structures
- Refurbishment and restoration
- Liquid retaining structures
- Structural survey of existing structures
- Bridges



**Best  
Services**

# PROJECTS

## BHEKI MAKEDAMA - EXPERIENCE IN PROJECTS

No.	Project Name	Contract Value	Project Status	Nature of Involvement
1.	Facilitate the Rollout of Rural Road Asset Management System	R200 000	Complete	Project Facilitation and Technical input
2.	Design of R61-Ngangelizwe Road and a Bridge	R20M	Complete	Design
3.	Design of Rietvlei Culvert Bridge and Access Road	R3M	Complete	Design and Construction Supervision
4.	Design and Construction of Rietbron Internal Streets	R21M	Complete	Project Management
5.	Construction of UMzimkhulu Township Roads & Storm water ( Surfacing)	R15M	Complete	Project Management
6.	Design and Project Management of UMzimkhulu Sewer Reticulation system	R12M	Complete	Project management
7.	Design and Construction of Upper Tabase Water Scheme	R5M	Complete	Design & Construction
8.	Construction of Somerset East Roads & Storm water	R8M	Complete	Project Management
9.	Study and Assessment on the function of Water and Sanitation status in SBDM Municipalities	R800 000	Complete	Project Management
10.	Design and construction of Ibisi Culvert Bridge	R600 000	Complete	Design and Construction supervision

## MOSES CHIROPA - EXPERIENCE IN PROJECTS

No.	Project Name	Contract Value	Project Status	Nature of Involvement
1.	Construction of water and sanitation facilities to 154 schools in the Eastern Cape	R380M	Complete	Project Manager
2.	Construction of EC Mthonsi Lodge in Fort Beaufort	R30M	Complete	Civil Engineer/Project Manager
3.	Upgrade of Vukani road from gravel road to block paving in Grahamstown	R18.5M	Complete	Civil Engineer/Project Manager
4.	Construction of 1003 toilet top structures in Ext 6 in Grahamstown	R16.7M	Complete	Project Management
5.	Upgrade of Koyana road to an IPTS route Section 1-MR449 to Jamela Street	R21M	Complete	Civil Engineer/Project Manager
6.	Upgrade of Koyana road to an IPTS route Section 2- Jamela Street to Johnson road	R25M	Complete	Civil Engineer/Project Manager
7.	Upgrade of Koyana road to an IPTS route Section 3- Johnson road to Qeqe road	R25M	Complete	Civil Engineer/Project Manager
8.	Upgrade of National Route R61 Section 8 through St Barnabas (KM 33.5 TO KM 36.5) and the construction of community access roads	R100M	Complete	Site Agent
9.	Construction of Maphumulo Bulk water Scheme	R53M	Complete	Site Agent
10.	Routine Road Maintenance in the Amathole District	R14M	Complete	Site Agent
11.	Mangxamfu water supply project, Mount Frere	R6M	Complete	Site Agent

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