



BHEKHANI (PTY) LTD



PROFILE

SUSTAINABLE SOLUTIONS

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Our Background

Established in 2020 Bhekhani is a multi-disciplinary built environment engineering consultancy. Service offerings include Civil Engineering, Structural Engineering, Environmental management and Project Management.

With a strong and reliable network of professionals, we can also provide geotechnical, electrical and mechanical engineering services. Bhekhani is a 100% black-owned engineering and consulting company.

Our Core Values

- Sustainable engineering solutions
- Sound business ethics Honesty and transparency
- Professionalism, partnership and co-operation with clients and stakeholders
- Customer focus

Key Associates

PROJECT MANAGEMENT PROFESSIONAL | ECSA | SAICE

Our Mission

BHEKHANI IS COMMITTED TO SUPPORT INITIATIVES AND INTERVENTIONS THAT SEEK TO REDRESS SOCIAL AND ECONOMIC IMBALANCES TO PROMOTE SOCIO-ECONOMIC DEVELOPMENT BY:

- Rendering high quality sustainable professional services.
- Developing human resources through in-house training programmes.
- Encourage community participation in the planning process of development projects.
- Encouraging labour intensive methods of construction where technically and economically viable.
- To always promote Black empowerment.
- To provide our client with a professional and quality product on time at a reasonable cost by utilizing our skills, expertise and effective combination of all our resources in all our projects company.

Our Vision

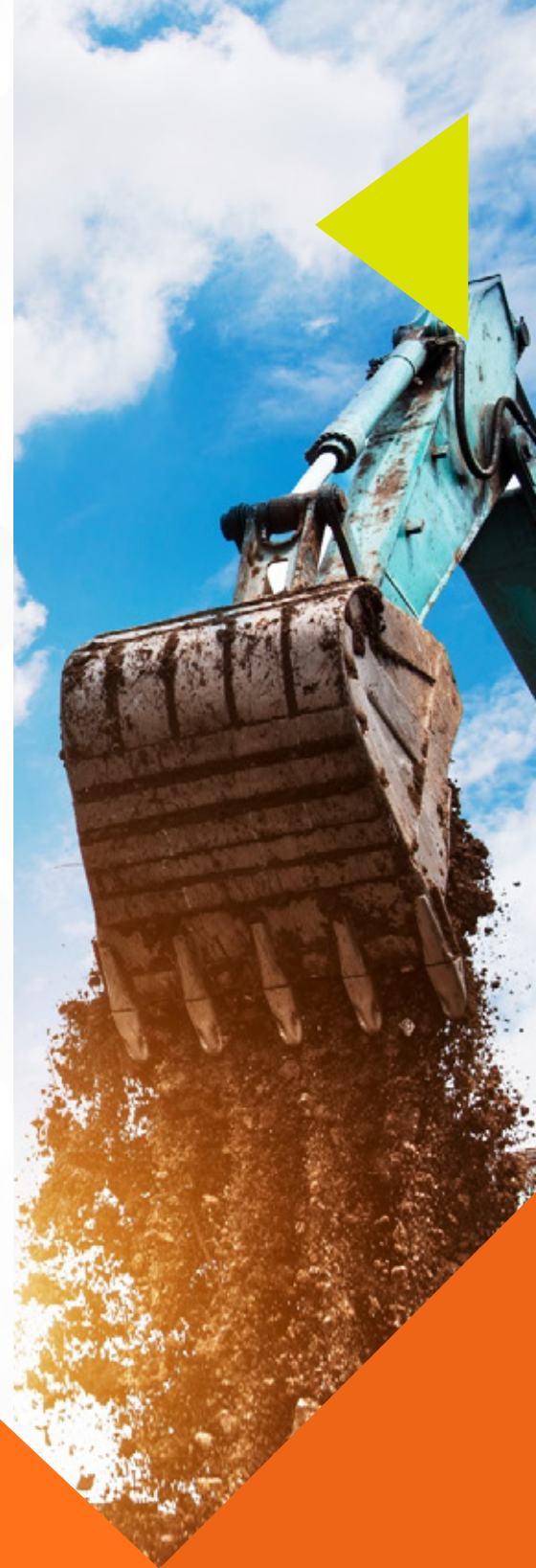
To be a company of choice in the provision of engineering and project management professional services by continuously influencing the industry positively.



Service Offering

Bhekhani provides the full services normally expected from consulting engineers and depending on the Project, we would provide some or all of the services listed below:

- Identify projects in co-operation with relevant stakeholders; provide full project description and list main actions to be taken.
- Prepare and finalise feasibility.
- Studies for the identification and implementation of EPWP Labour Intensive Projects.
- Prepare to cost and where needed, assist to submit funding applications, for example, MIG funding.
- Conceptualise the project on approval of funding application.
- Evaluate and assess the various options.
- Prepare detailed designs, plans and working drawings.
- Draw up tender documentation and contracts.
- Call for tenders, evaluate submissions and make appointments of experienced contractors.
- Alternatively, execute the project with labour-based construction methods with emphasis on training of local emerging contractors.
- Coordinate and manage the project in cooperation with stakeholders.
- Monitor and supervise conventional construction and EPWP Labour-Intensive Projects.
- Construction management and monitoring for emerging contractors who have not yet completed the NQF Level 2 and 4.
- Issue payment certificates and monitor the total budget.
- Post project reviews.
- Project management.



Civil Engineering

- Urban and township roads
- Bulk Earthworks Design and Optimization
- Stormwater Management Plans
- Sewer Drainage Designs
- Geometric design
- Pavement design
- Stormwater management systems & Flood line determination

Transport Engineering

- Traffic impact assessments
- Network modelling
- Urban traffic management
- Assessment & designs of complex intersections/junctions
- Detailed signalization designs of intersection signals
- Parking assessment & design
- Safety assessment

Water Engineering

- Water supply and reticulation
- Wastewater treatment plants
- Process design
- Reservoirs and water towers
- Reservoirs and water towers
- Infrastructure rehabilitation and assessment
- Water resources modelling and planning

Structural Engineering

- Foundation engineering
- Heavy industrial concrete and structural steel
- Light industrial structures
- Commercial sector concrete and steel
- Condition assessments and investigations
- Retaining structures
- High and Low Rise Residential & Office Buildings



Environmental Engineering

- Environmental Impact Assessments (EIAs)
- Environmental management plans
- Environmental monitoring
- Tailings dam water balance modelling
- Design and sizing of pollution control dams
- Water Use License Applications (WULA's)

Project Management

- Requirement's definition & analysis
- Contract negotiation & administration
- Project control systems design
- Process development
- Schedule development
- Financial planning & forecasting
- Resource allocation

Other Services done in partnership with associates

- Geotechnical Investigations
- Land Surveying
- Architectural services
- Quantity Surveying

Quality Management System

Bhekani has in place a Quality Management System that complies with the ISO 9001:2015 system including Document Control Procedure, Control of Records Procedure, Control of Non-Conforming Product/ Service, Corrective Action Procedures, Preventative Action Procedures, Internal Audits, and other Internal Processes. The company's Quality Policy is available on request as well as: Quality Manual, Project Quality Plan, and Quality Control Plan. The company is working towards attaining the ISO 9001:2015 certification.

In managing projects, we subscribe to the internationally recognised PMI's PMBoK (Project Management Body of Knowledge), which ensures that good practice project management methodologies are implemented in our projects depending on the client and the nature of the project. Our Engineering design work is based on credible and recognised standards and codes such as SANS, DIN, BS or others, depending on the client and nature of the project.

The lead Project Managers, Engineers or Valuers have one or more of the following certifications:

- PMP,
- Pr CPM,
- Pr Eng, and
- Pr Tech Eng.

Our Clients



MOSES KOTANE
LOCAL MUNICIPALITY



home affairs

Department:
Home Affairs
REPUBLIC OF SOUTH AFRICA



Phakama Research & Development



Ekurhuleni
METROPOLITAN MUNICIPALITY



CITY OF
MBOMBELA
THE ULTIMATE DESTINATION



BRIGHT ALLOYS
THE BRIGHT GROUP



EMFULENI
LOCAL MUNICIPALITY
Val River City, the Cradle of Human Rights



**rural development
& land reform**

Department:
Rural Development and Land Reform
REPUBLIC OF SOUTH AFRICA



Shell



MGM VVIP CLUB



SERITI



City of
Ekurhuleni

KANGRA



VUSI'S FARM



EMALAHLENI
LOCAL MUNICIPALITY

Project Experience

| PROJECT | END USER CLIENT | SCOPE | LOCATION |
|--|---|--|--------------|
| Moll Africa Stormwater Management | Moll Africa | Stormwater infrastructure design | Emalahleni |
| Reitspruit crushers | Menco | Stormwater Management Plan | Ermelo |
| Makhulong Stadium | City of Ekurhuleni | Structural design | Tembisa |
| Katlehong parks Depot | City of Ekurhuleni | Fuel | Katlehong |
| Upgrading of Matsafeni northern outfall Sewer | Mpfumelelo Business Enterprises | Structural engineering design | Mbombela |
| Upgrading of Siyathemba Stadium | Xavier Boulevard | Forensic study | Standerton |
| Masoyi Stadium | Mbombela Municipality | Civil and structural engineering design for | Mbombela |
| House Ngobeni | Owner | Structural design | Mbombela |
| Mkhondo Agrihub | Department of Rural development and land reform | Sewer design | Limpopo |
| Jane Furse Farmers Production support unit | Department of Rural development and land reform | Civil and structural design | Limpopo |
| House Molema | Owner | Structural Design | Limpopo |
| Department of Home affairs new office building | Department of Home Affairs | Civil and structural design | Eastern Cape |
| Ledig Water Supply 5ML reservoir | Moses Kotane Municipality | Structural design | North west |
| White River House | Owner | Structural design | Mbombela |
| Repair of spillway and gravel roads at Goedehoop dam South32 | SOUTH32 | Civil and structural design | eMalahleni |
| Phakhama Research development warehouses | Phakhama Research develop | Bulk earthworks platforms, stormwater and sewer | Rooderpoort |
| Vaal University of Technology Substation repairs | Emfuleni Local Municipality | Civil and structural design | Vaal |
| Avalanche Flats | Ntwaleng Khuba Trust | Civil & Structural Designs | Mbombela |
| Matatiele Mixed Use Development | DHA | Civil & Structural Designs | Matatiele |
| Rehabilitation Of Vosloorus Stadium | City Of Ekurhuleni | Structural Assesments and Designs | Vosloorus |
| Formalisation Of Mahushu Illegal Water Connections | City Of Mbombela | Assesments & Remedial Water Reticulation Designs | Mahushu |
| Kabokweni Collapsed Sewer | City Of Mbombela | Design Of Sewer Rehabilitation Works | Kabokweni |
| White River Collapsed Sewer | City Of Mbombela | Design Of Sewer Rehabilitation Works | White River |
| Shell Ultracity Polokwane North Bound And South Bound | Shell | Stormwater Management Designs | Polokwane |
| Shell Ultracity Musina | Shell | Stormwater Management Designs | Polokwane |

Project Experience

| PROJECT | END USER CLIENT | SCOPE | LOCATION |
|--|--|--|---------------------|
| Univesity Way Housing Development Marondera | MCM VVIP Club | University way housing development is a Proposed Smart City development situated in the Town of Marondera. The development will consist of 650 housing units and retail outlets. Bhekani was appointed as the Civil and stuctural engineer on the project | Marondera, Zimbabwe |
| Siyangoba Ward 12 Rehabilitation of water reticulation and house connections | SERITI / EMALAHLENI LOCAL MUNICIPALITY | Water reticulation rehabilitationfor 700 houses. The scope of work also includes new house connections. Bhekani was appointed for the qulaity control and site monitoring of project implementation | Emalahleni |
| Construction Of Outfall Sewer and Water Connections at Thubelihle | SERITI / EMALAHLENI LOCAL MUNICIPALITY | "Bhekani was appointed for stage 1 to 6 .The scope of works entails amongst other the following activities: Design and construction of approximately 200 meters of 300 mm diameter UPVC pipe outfall sewer line, Provision of house potable water connections and water meters to 400 households, Rerouting of a section of 250 mm diameter water pumping main within Thubelihle extension 5 approximately 1000 meters." | Kriel |
| Stormwater Management plan | VUSI'S FARMS PTY LTD | Bhekani was appointed to do a Stormwater management plan for Vusi's farms Strawberry farm in Carltonville in support for water use Licence application | Carltonville |
| Upgrading of Esther Park Substation | CITY OF EKHURHULENI | Upgrading of Esther park susbtsaion to 132/11kVA. Bhekani was appointed to provide stage 3 to stage 6 Civil and structural Engineering services. | Kempton Park |
| Atom Road Substation | CITY OF EKHURHULENI | Upgrading of the 33/6.6 kV Atom Road Substation. Bhekani was appointed to provide stage 3 to stage 6 Civil and structural Engineering services. | Germiston |
| Standerton V-Drain | SERITI | Bhekani was appointed to design and supervise the constnction of stormwater drains in Standerton | Standerton |
| Ballengeich Kangra Coal Acid Mine Drainage | KANGRA COAL | Kangra coal appointed Bhekani to do design for passive sustainable treatment options for Acid Mine Drainage (AMD) for the Ballengeich Siding in support of Water Use lience application. | Newcastle |





HEAD OFFICE

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Gauteng

MPUMALANGA

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CONTACT US

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