Profile

Our background
GIBB is a leading multi-disciplinary engineering consulting firm based in South Africa with 67% Black ownership. The firm has a strong African orientation with a wide geographical footprint on the continent.

The firm has been operating since 1956 and has proven capabilities in delivering world-class projects of any magnitude. GIBB prides itself on delivering high quality projects underpinned by an independently certified ISO 9001 quality system since 1999.

GIBB recognises and appreciates the potential offered by the African continent. Accordingly, GIBB has, over the years, developed an in-depth understanding of the challenges of developing infrastructure in Africa. This has contributed to the firm’s position as the partner of choice for the private sector, state owned enterprises (SOEs) and governments who seek knowledgeable people, with proven experience and the expertise to respond to the numerous infrastructure demands and needs of the continent.

Our experience
GIBB has executed various and complex projects across various sectors and engineering disciplines across many African countries. The firm remains committed to achieving excellence in every project, and is proud to be the firm of choice for the continent’s greatest engineers, who are leading experts in their fields. GIBB’s technical expertise is enhanced through our relationships with various global partners.

GIBB is conscious of the environment in which it operates in and continuously seeks ways to offer sustainable solutions on its projects.

The winning combination of top talent, in-depth industry knowledge, well-earned reputation for excellence and commitment to timeous, within budget delivery ensures that the client is guaranteed ultimate success of every project. GIBB’s long track record of industry awards is a testament of the recognition by our industry peers.

Our service offering
In addition to its traditional service offerings and in line with GIBB’s objectives of providing comprehensive solutions to clients, SVA International, one of Africa’s leading architectural practices has joined forces with the GIBB Group of firms. This has expanded the GIBB offering beyond engineering, to architecture and urban planning.

With offices in all major cities in South Africa and the rest of Africa, SVA’s areas of expertise include retail, hospitality, commercial, health, education and residential.

Our project exposure
The GIBB Group of firms operates across the entire Africa continent and has recently undertaken projects in:
Angola, Botswana, Ghana, Lesotho, Malawi, Mozambique, Namibia, Nigeria, Rwanda, Seychelles, Swaziland, Tanzania, Uganda, Cameroon, DRC, Mauritius, Ethiopia, Senegal, Kenya, Djibouti, Gambia, Zambia and Zimbabwe.

Our markets
The markets GIBB operates in are:
• Transportation
• Freight and Logistics
• Power and Energy
• Water
• Sanitation
• Housing and Community Infrastructure
• Property Developments in retail, hospitality, commercial and residential
• Geotechnical and Tunnelling
• Natural and Built Environment
• Mining Infrastructure
• Health Infrastructure
• Education Facilities
GIBB provides a comprehensive range of engineering and associated management services across the full power and energy value chain.

Our services include:

- Primary energy
- Generation
- Transmission
- Distribution
- Reticulation
- Electrical installation
- Carbon management
- Connection management
- Co-generation
- Civil engineering
- Demand side management
- Electrical control systems
- Electrical engineering
- Electrical reticulation
- Electrification schemes
- Energy auditing
- Energy efficiency
- Energy Master Planning
- Energy services company (ESCO)
- Facility energy management
- Harmonic analysis
- HVAC
- Load management and control
- Loss management
- Low pressure services
- Maintenance strategies and planning
- Mechanical engineering
- Metering solutions
- Municipal electrical engineering services
- Network design
- Nuclear energy support
- Power factor correction
- Project management
- Renewable energy solutions
- Reticulation systems
- Rural electrification
- Substation design
- Transmission engineering
- Tariff studies
Projects demonstrating GIBB’s Power and Energy Services

**PROJECT NAME**  
South African Renewable Energy Programme

**CLIENT NAME**  
Private clients

**LOCATION**  
South Africa

GIBB responsibilities
Site assessment, preliminary design, preparation of tender documentation bid preparation and construction monitoring as part of the Department of Energy’s renewable energy procurement process for >150MW of wind and solar power projects.

---

**PROJECT NAME**  
Rural Electrification Schemes

**CLIENT NAME**  
Eskom

**LOCATION**  
Eastern Cape, South Africa

GIBB responsibilities
Design of the network, tender preparation, GIBB was also responsible for the installation supervision and project management for a range of rural electrification schemes across the Eastern Cape.

---

**PROJECT NAME**  
Port Harcourt

**CLIENT NAME**  
Rivers State Government

**LOCATION**  
Port Harcourt, Nigeria

GIBB responsibilities
The development of an energy master plan that included gas and electricity as part of the broad integrated infrastructure urban renewal programme for Port Harcourt in Nigeria.

---

**PROJECT NAME**  
Eskom Capital Expansion Projects

**CLIENT NAME**  
Eskom

**LOCATION**  
South Africa

GIBB responsibilities
Part of a joint venture providing multi-disciplinary project management, engineering and design services to the Kusile and Medupi thermal power generation stations (4800MW each).
PROJECT NAME
Greenpoint Stadium – 2010 World Cup (Package 1)

CLIENT NAME
City of Cape Town

LOCATION
Cape Town, South Africa

GIBB responsibilities
Electrical engineering and stadium lighting design as part of the joint venture responsible for development of the Cape Town stadium.

PROJECT NAME
Waste to Energy

CLIENT NAME
WTE

LOCATION
Johannesburg, South Africa

GIBB responsibilities
Perform a pre-feasibility study and draft a business case for the production of energy from sterilised medical waste. The study covered the following aspects: investigations of fuel and auxiliary fuel; investigation into the utilisation of the energy; regulatory analysis; technology assessment; budget level; financial analysis and business case development and reporting.

PROJECT NAME
OR Tambo International Airport

CLIENT NAME
Airports Company South Africa

LOCATION
Johannesburg, South Africa

GIBB responsibilities
Extensive design of the smoke extraction and air-conditioning systems at the airport.

PROJECT NAME
City of Cape Town, Overhead to Underground Networks

CLIENT NAME
City of Cape Town

LOCATION
Cape Town, South Africa

GIBB responsibilities
Tender and project management to replace old overhead lines with street front underground networks new underground service connections and internal dwelling service connections.
Power and Energy Services projects

LED lighting design
Kelvin Power Station
V&A Waterfront

Valkenburg refurbishment
Cape Gate electrical engineering
Transformer replacement, Seavale

Greenpoint Stadium
City of Cape Town electrical engineering projects
Mtambalala rural electrification

Ponte Building re-metering
Eden Island, Seychelles
Golden Acre electrical engineering
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>CLIENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valkenburg Hospital refurbishment and upgrade</td>
<td>Department of Public Works</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>Cape Town Central Business District buildings audits</td>
<td>Western Cape Provincial Government</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>Pick &amp; Pay stores electrical engineering projects</td>
<td>Pick &amp; Pay Retailers</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>Ponte building re-metering</td>
<td>Vincemus Investments</td>
<td>Johannesburg, South Africa</td>
</tr>
<tr>
<td>Chevron House new building</td>
<td>Chevron (South Africa)</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>Overstrand electrification projects</td>
<td>Overstrand Municipality</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>eThekwini electrical engineering</td>
<td>eThekwini Municipality</td>
<td>KwaZulu-Natal, South Africa</td>
</tr>
<tr>
<td>Msunduzi 33kV line construction</td>
<td>Racec Electrification</td>
<td>KwaZulu-Natal, South Africa</td>
</tr>
<tr>
<td>Tarkastad municipal offices refurbishment</td>
<td>Tarkastad Municipality</td>
<td>Eastern Cape, South Africa</td>
</tr>
<tr>
<td>Plettenberg Bay Health Centre, mechanical and electrical works</td>
<td>Department of Public Works</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>Cofimvaba rural electrification</td>
<td>Scheylsa Electrification</td>
<td>Eastern Cape, South Africa</td>
</tr>
<tr>
<td>Mtambalala electrification</td>
<td>Eskom</td>
<td>Eastern Cape, South Africa</td>
</tr>
<tr>
<td>East London and King Williams Town electrification</td>
<td>Eskom</td>
<td>Eastern Cape, South Africa</td>
</tr>
<tr>
<td>City of Johannesburg gas strategy</td>
<td>SAHA International</td>
<td>Gauteng, South Africa</td>
</tr>
<tr>
<td>Lilongwe Mall electrical engineering</td>
<td>TCI Projects</td>
<td>Malawi, Africa</td>
</tr>
<tr>
<td>MV switchgear replacement</td>
<td>Bela-Bela Municipality</td>
<td>Limpopo, South Africa</td>
</tr>
</tbody>
</table>