

# **IZAZI**

*Consulting Electrical and Mechanical Engineers*

*Company Profile*



## Consulting Electrical and Mechanical Engineers

**Introduction** Izazi is a consulting engineering firm offering services in mechanical, electrical and wet services engineering disciplines. It conducts its business ideally on a partnership basis with its clients, based on mutual trust, respect and honesty. It is committed to use all its resources to deliver an excellent service.

The company is based in Randburg, Gauteng.

**Objectives** To provide its Clients with a cost-effective, quality and on-time service by:

- Delivering relevant technically advanced and economically viable solutions for their Clients' evolving developmental needs.
- Continuously improving their resources and design processes so that they are up-to-date with the fast changing world of technology.
- Nurturing and developing their employees through training and development programmes that will contribute positively to their personal advancement, the engineering profession, and society as a whole.
- Forming joint ventures and pledging unity of service with other professional firms where called for in best interest of their clients.

**Ownership** The Company is owned by two directors: Stanley Salida, who heads the electrical engineering section of the practice, as well as Trinesh Chanka, who heads the mechanical engineering section. Each director holds 50% of the issued shares. Trinesh is registered as a Professional Engineer, and Stanley is registered as a Professional Technologist. Both are actively involved in the day to day operation of the practice.

**BBBEE** As a product of black economic empowerment itself, Izazi has adopted a policy of employing previously disadvantaged individuals and developing their careers and abilities with assistance from experienced PDI and non-PDI staff. This strategy is adopted to meet the company's very strong commitment to the maintenance of high professional standards.

Izazi has maintained its Level 2 BBBEE Contributor rating, as verified again in February 2014. The Company is also noted as a Value Adding Enterprise with a Procurement Recognition Level of 125% with 100% Black Ownership.

***Mission***

The mission of Izazi is clear-cut, and its standards are high. It has prepared itself for work that is challenging, demanding, and as diverse as the multifaceted environment of Africa. In the execution thereof, its mission is to develop the vast talent available amongst the previously disadvantaged members of the population.

***Ability***

Izazi was established in May 1997, and its ability to meet Client's requirements over a wide spectrum of services is assured through the staff it employs. The firm has already built up an impressive track record in a relatively short period of time.

Izazi has been a member of Consulting Engineers South Africa (CESA), formerly known as the South African Association of Consulting Engineers, since 2004 and current members of the South African Federation of Hospital Engineering (SAFHE) and Green Building Council of South Africa (GBCSA).

***Services***

The offices of Izazi are well equipped and their technical and administrative staff give them a competitive edge and enables them to provide a spectrum of services which includes:

- Investigations into requirements
- Feasibility studies
- Community liaison
- Technical reports
- Design
- Tender documentation
- Contract administration
- Post completion engineering audits.

**Fields of  
Operation**

**Izazi offers services in the following fields:**

**ELECTRICAL SERVICES**

- Electrical reticulation and power distribution
- Outdoor area, sports field and roads lighting
- Power and lighting in institutional, commercial and industrial buildings
- Standby power and un-interruptible power supplies
- Vertical transportation (Lifts and escalators)
- Industrial electrical services
- Energy management services
- Hospital services
- Access control and security
- Intrusion detection
- Communication systems
- Facility condition audits and management of refurbishment programmes

**MECHANICAL SERVICES**

- Air conditioning, heating and ventilation (HVAC) installations
- Cold Room and Refrigeration Installations
- Internal drainage installations
- Domestic water installations
- Kitchen installations
- Laundry Installations
- Medical and liquid petroleum gas installations
- Pumping plants
- Hospital services
- Laboratory piping services
- Steam boiler and distribution installations
- Fire detection and protection services
- Building Management Systems

### ***Software Employed***

The following specialist software packages are, amongst others, routinely used for design and drawing work:

- AutoCad and Microstation Computer Aided Drawing Packages
- Loadexs, Bsimac7 and Quick Building Heat Load Analysis and Air-conditioning Design Software
- FireWind Fire Engineering Software for Design of Smoke Ventilation Systems, Building Analyses in Respect of Fire Safety, Planning of Escape Routes, etc.
- Pipexs and Sprink Water Reticulation Design Packages for Domestic, Industrial, and Fire Protection Services
- ReticMaster Electrical Reticulation Analysis Software
- CART Electrical Reticulation Design Software
- Vdrop Voltage Drop Analysis Software
- RELUX Lighting Design Software
- REVIT MEP 3D Modelling Design Software, on which Izazi currently carries out the majority of piped services designs

### ***Typical Projects***

A list of typical projects currently underway, or completed in the recent past, accompanies this submission as a separate document and Curriculum Vitae of key personnel are also available.

## **References**

The following are references in respect of projects in which Izazi has been involved. Prospective clients are urged to contact these for first hand opinions of the company's ability.

<b>Name</b>	<b>Position and Organisation</b>	<b>Contact Number</b>
Saeed Sadzradeh	Project Manager, Mpumalanga Provincial Government Dept. Works	013 766 6840
Arnold Van Der Merwe	Chief M&E Engineer, Mpumalanga Provincial Government Dept. Works	013 766 6875 082 608 2011
Obed Madhzini	Project Manager, Gauteng Provincial Government, Dept Works	011 355 2812
Albert De Bruin	Project Manager, City Property	012 319 8735 082 494 6054
Theuns Langenhoven	General Manager, Netcare Properties	011 301 0242 082 574 5530
Andre Carstens	Development Manager, HealthPartners UK	082 820 7618
Candace van Zantwijk	Project Manager, Turner and Townsend for University of Johannesburg	011 214 1400 082 552 1120



**Consulting Electrical and Mechanical Engineers**

***Contact Data***

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