

**Company**  
**Profile 2025**

# Gouden Electrical and Instrumentation Zambia Ltd

**Supply & Installation Specialists of  
Electrical, Control, and Instrumentation**

**Head Office:**  
364 Off Gardenia  
Avondale  
Lusaka  
Zambia



## Company Introduction

Gouden Electrical and Instrumentation Zambia Ltd is a local Zambian company, established in 2024, with wealth of experience gained from our South African company in completing large-scale capital projects. Gouden Electrical and Instrumentation Zambia Ltd specializes in the Engineering, Procurement, and Construction/Project Environment within the field of Electrical, Control, and Instrumentation.

Our Directors and Management team are experienced and have sound knowledge in the Electrical, Control, Instrumentation, Construction, Maintenance and Project Management industries.



# Gouden Directors and Management Team



**Moffat Kavwanda**  
Country Director

Moffat has over 27 years experience within the construction industry.



**Lourens van der Merwe**  
Group Managing Director

Lourens has over 18 years experience within the electrical, control and instrumentation industry.



**Jeanette Ngwane**  
Director

Jeanette has over 23 years' experience in conducting business in the mining sector



Winner of Technology of Women in Business National Award 2005



**Marius van der Merwe**  
Group Financial Director

Marius has over 13 years' experience within the electrical, control and instrumentation industry.



**Fred Biddlecombe**  
Construction Director

Fred has over 17 years' experience with the electrical, control and instrumentation industry.





# Company Core Business

## Products and Services

Gouden Electrical and Instrumentation Zambia Ltd specializes in the Engineering, Procurement, Construction / Project Management Environment specializing in the following areas:

### Electrical:

Electrical capability includes the entire Spectrum from Low, Medium and High Voltages up to 275kv. The Design, Supply and Installation are as follows but not limited to

- Supply and Install of Electrical Cables from Low to High Voltages
- Supply and Install of Electrical Terminations and Joints from Low to High Voltages
- Supply and Install of Electrical Distribution Boards including Certificate of Compliance (COC)
- Supply and Install of Hazardous Electrical Equipment on Zone Classification Areas
- Supply and Install of Field Isolators, Stop/Start Stations, or any Electrical Field Panels
- Supply and Install of Motor Control Centres (MCC's) and Sub-Stations
- Supply and Install of Small Lights to High Mast and Street Lights.
- Supply and Install of any form of Lighting and Small Power
- Supply and Install of Earthing and Lightning Protection
- Supply and Install of Renewable Energy Equipment
- Supply and Install of Low to High Voltage Transformers
- Supply and Install of Medium Voltage Testing E.g. VLF Testing, Speed Trace Testing, etc.
- Supply Maintenance Personnel for day to day Maintenance and Breakdowns.
- Supply, Manufacture and Install of light Steel Structures for Cables, Steel Frames for Panels, etc.



## Control:

Control capability includes the entire Spectrum such as PLC and DCS Systems. The Design, Supply and Installation are as follows but not limited to

- Supply and Install of Programmable Logic Controller (PLC's) Systems
- Supply and Install of Distributed Control System (DCS's) Systems
- Supply and Install of Remote Input/Output (RIO) Systems
- Assisting with the Interface Commissioning from Control Systems to the Field Instruments
- Supply Maintenance Personnel for day to day Maintenance and Breakdowns.
- Supply, Manufacture and Install of light Steel Structures for Control Systems, Steel Frames for Panels, etc.

## Instrumentation:

Instrumentation capability includes the entire Spectrum such as Instrument loops e.g. Temperature, Pressure and Flow. The Design, Supply and Installation are as follows but not limited to

- Supply and Install of Instrumentation Cables.
- Supply and Install of Instrumentation Terminations.
- Supply and Install of Instrumentation Field Junction Panels.
- Supply and Install of Hazardous Instrumentation Equipment on Zone Classification Areas
- Supply and Install of Instruments that measures a physical quantity such as Flow, Temperature, Level, Distance, Angle, or Pressure.
- Supply Maintenance Personnel for day to day Maintenance and Breakdowns.
- Supply, Manufacture and Install of light Steel Structures for Cables, Steel Frames for Panels, etc.



## Communication:

Communication capability includes the entire spectrum such as Leaky Feeder Systems, Two-way Radios, Body Worn Cameras, and CCTV

The Design, Supply and Installation are as follows but not limited to

- Supply and Install of Leaky Feeder cables and amplifiers.
- Supply Analogue and Digital Radios such as Kenwood, Motorola, Hytera, DMR, etc.
- Supply Hytera Body Worn Camera's in full HD video quality, infrared, night vision with the ability to stream live footage to other devices.
- Supply and Install CCTV to satisfy all security and infrastructure management requirements such as Appearance Search, Facial Recognition, Focus of Attention, License Plate Recognition, etc.

## Innomotics (Formerly Siemens) LV Motor Distributor:

The supply of LV Motors Innomotics (Pty) Ltd, carrying a legacy of over 150 years of innovation from Siemens, is a leading provider of motors.

- Offers highest quality and efficiency.
- Easy to use and extremely compact.
- Special types for special demands.
- Lightweight aluminium design.
- Efficiency up to IE4.
- Applications - Pumps, Fans, Compressors, c/w intralogistics with gearbox.





# Vision / Mission Statement

## **Vision Statement:**

Our vision is to be the preferred Electrical, Control, and Instrumentation Company within our sector both internally and externally.

## **Mission Statement**

Our Pledge is to perform for our Customers, Shareholders and Employees the highest level of quality and integrity within the Electrical, Control, and Instrumentation sectors at fair and market competitive prices.



# Quality Management System

Gouden Electrical and Instrumentation Zambia Ltd Quality Management System have identified the Resources, Structure, Levels of Responsibility and Authority to ensure that the documented Standard Procedures achieve their intended goals of Protection of the Employees, Client satisfaction and Sub- Contractors Health, Safety requirements, the Environment, of the services provided, Compliance to the Quality Policy, Company Objectives and Recognition of Compliance to ISO 9001 /14001 & 45001

The Standard Procedures, Standard Operational Procedures and Documentation have been structured and adapted to control the company's particular type of operations, the environment within which they operate services, the training / competency of their personnel and the uniqueness of the scope of business within which the company operates.

The Quality Management System is categorized into four definite areas: -

- Management Responsibility and Review.
- Resource Management
- Product Realization
- Measurement, Analysis, and Improvement

Please note that Gouden Electrical and Instrumentation Zambia Ltd is ISO compliant, but not yet certified.





# Advantages and Benefits

## Gouden Electrical and Instrumentation Zambia Ltd Advantages Relative to Competing Products and Services

Gouden's biggest advantage over our opposition is the fact that the company offers the full spectrum namely Electrical, Control, and Instrumentation.

Most of our opposition only provides for one or two of these services.

Gouden Electrical and Instrumentation Zambia Ltd can offer everything in one package for clients.

### Other benefits include the following

- Selection and Utilization of Highly Skilled Artisans.
- Artisans are Qualified and Trained to enhance skills and competency.
- Subordinate Managers are qualified to comply with industry standards, with relevant qualifications in the field of expertise required.
- Installation / Maintenance teams who are familiar with Safety, Quality, and Specifications Standards.
- Senior Management is visible and involved in all projects and maintenance to ensure that Safety, Quality, and Environmental Standards are adhered to.
- Senior Management frequently liaise with Stakeholders to ensure that all goals are accomplished e.g. HSE, Progress, Schedule, Budget, etc.



## Social Plan

Gouden Electrical and Instrumentation implement social plans to address key performance indicators (KPIs) such as

- local employment.
- local procurement.
- skills development.
- corporate social investment.

As part of our commitment to sustainable and responsible business practices. These social plans are designed to foster positive relationships with the local communities, ensuring that the benefits of mining operations extend beyond the company itself. By focusing on local employment, procurement, and skills development, Gouden E&I can help strengthen the local economy and workforce. Corporate social investment initiatives further support the community's well-being by funding education, healthcare, infrastructure, and other vital services. Ultimately, these social plans not only enhance the company's reputation and social license to operate but also contribute to long-term, shared prosperity for both the company and the community.





# Company Experience

**Golden Energy Company Experience – Selected Projects Completed**

Nr.	Client	Plant Type	Project Description	Value	Time Frame	Year Completed
1	Lonmin Platinum BMR	Platinum Base Metals Refinery	Autoclave E&I Upgrade (80% C&I) (20% Electrical)	R 1,100,000.00	6 weeks	2015
2	PPC SLURRY	Cement	PV Solar Lighting Upgrade (100% Electrical)	R 1,300,000.00	6 weeks	2015
3	Lonmin Platinum BMR	Platinum Base Metals Refinery	SANS Compliance project (100% Electrical)	R 1,700,000.00	6 weeks	2015
4	Lonmin Platinum BMR	Platinum Base Metals Refinery	BOPA Lighting and Small Power Project (100% Electrical)	R 2,200,000.00	8 weeks	2015
5	Lonmin Platinum Smelter	Platinum Smelters	Blending Plant E&I Upgrade (60% Electrical) (40% C&I)	R 4,200,000.00	8 weeks	2015
6	Lonmin Platinum Smelter / BMR	Platinum Base Metals Refinery / Platinum Smelters	Various Small Projects & Maintenance consisting of Overhead Lines, Power Factor Corrections, MV Joints & Terminations, Earthing, C&I etc. (60% Electrical) (40% C&I)	R 45,000,000.00	Ongoing	2015-2024
7	Aquarius Platinum K2 / MINOPEX	Platinum Concentrator Refinery	Aquarius DMS Dump Expansion E & I Work (70% Electrical) (30% C&I)	R 1,300,000.00	6 weeks	2016
8	Anglo ACP	Platinum Acid Refinery	ACP Analyzer Installation Project (80% C&I) (20% Electrical)	R 1,000,000.00	4 Weeks	2016
9	Siemens Oil & Gas / Transnet	Petrochemical	Transnet Terminal 1 & 2 Electrical and Security Installations ( 50% Security) (30% Electrical) (20% C&I)	R 5,000,000.00	16 Weeks	2016
10	Lonmin Platinum Smelter	Platinum Smelters	Hot Purged Air Dryer Project - (15% Electrical) (60% C&I) (25% Mechanical)	R 10,000,000.00	12 weeks	2017
11	Anglo Waterfall Smelter ACP	Platinum Acid Refinery	525V DML Relocation Upgrade (100% Electrical)	R 1,600,000.00	5 Weeks	2017
12	Lonmin UG2 Concentrator	Platinum Concentrator Refinery	Bulk Tailings Upgrade (60% Electrical) (40% C&I)	R 17,500,000.00	16 weeks	2017
13	Lonmin Smelter	Platinum Smelters	Lighting & Small Power Upgrade Hot & Wet Sections accordance to SANS 1042 (100% Electrical)	R 4,000,000.00	8 Weeks	2017
14	Lonmin UG2 Concentrator	Platinum Concentrator Refinery	Medium Voltage Installation (100% Electrical)	R 1,000,000.00	3 Weeks	2017
15	Siemens NMPP / Transnet	Petrochemical	NMPP Pump Stations Maintenance (80% Access Control/CCTV) (20% EC&I)	R 3,000,000.00	6 Weeks	2017
16	Lonmin K4	Platinum Concentrator Refinery	Copper Liquid Project (80% Electrical) & (20% C&I)	R 1,600,000.00	5 Weeks	2018
17	Siemens NMPP / Transnet	Petrochemical	NMPP National Operating Centre Automation & Security Installation (80% Access Control/CCTV) (20% EC&I)	R 8,000,000.00	12 weeks	2018
18	Siemens RBCT	Petrochemical	RBCT Stacker 2 Reclaimer E&I Works (60% Electrical) (40% C&I)	R 12,500,000.00	20 weeks	2018
19	Lonmin Smelter	Platinum Smelters	Furnace Run Out Shutdown (70% C&I) (30% Electrical)	R 1,400,000.00	4 Weeks	2018
20	Lonmin BMR	Platinum Base Metals Refinery	Autoclave 300 E&I Upgrade (80% C&I) (20% Electrical)	R 1,200,000.00	5 Weeks	2019
21	Northam Platinum	Platinum Smelters	NP4 Furnace E&I Upgrade (60% Electrical) (40% C&I)	R 7,500,000.00	10 weeks	2019
22	Ethele / Transnet	Petrochemical	Transnet NMPP Pump Stations Maintenance Contract Durban to Heidelberg (90% Access Control/CCTV) (10% EC&I)	R 5,000,000.00	3 year contract	2019
23	Lonmin Platinum Smelter	Platinum Smelters	CCH Substation Upgrade (80% Electrical) (20% C&I)	R 2,800,000.00	8 weeks	2019
24	Sibanye Platinum	Platinum Smelters	CASOX Belt Filters (70% Electrical) (30% C&I)	R 5,200,000.00	10 weeks	2019
25	Sibanye Platinum	Platinum Smelters	Dual Alkali Project (70% Electrical) (30% C&I)	R 3,300,000.00	12 weeks	2020





## Company Experience Continued...

**Golden Energy Company Experience – Selected Projects Completed**

Nr.	Client	Plant Type	Project Description	Value	Time Frame	Year Completed
26	Sibanye Platinum UG2	Xanthate Zone Classification Plan	Xanthate E&I Upgrade (60% Electrical) (40% C&I)	R 2,000,000.00	7 weeks	2020
27	Northam Platinum	Platinum Concentrator Refinery	Concentrate Handling Project (90% Electrical) & (10% C&I)	R 6,500,000.00	16 weeks	2020
28	Northam Platinum	Platinum Smelters	Pneumatic Upgrade (80% C&I) (20% Electrical)	R 3,000,000.00	10 weeks	2020
29	Honeywell/Eskom Kusile Power Station	Power Station	Honeywell CBMS Installations (80% Access Control) (20% EC&I)	R 21,000,000.00	25 weeks	2021
30	Sibanye Platinum K4	Xanthate Zone Classification Plan	Xanthate E & I Upgrade (60% Electrical) & (40% C&I)	R 2,000,000.00	8 weeks	2021
31	Sibanye Smelter	Platinum Smelters	K4 Magra Project (60% Electrical) & (40% C&I)	R 2,200,000.00	4 weeks	2021
32	Anglo American Amandelbult	Platinum Concentrator Refinery	CRP Alternative Feed Project E&I (50% Electrical) & (50% C&I)	R 12,000,000.00	14 weeks	2022
33	Tenova Sibanye	Platinum Smelters	Furnace 1 Rebuild Project E&I (30% Electrical) (70% Instrumentation)	R 17,200,000.00	12 Weeks	2022
34	Sibanye Smelter	Platinum Smelters	Sonic Injection Project (50% Electrical) (50% Instrumentation)	R 11,600,000.00	16 Weeks	2022
35	Anglo American Amandelbult	Platinum Concentrator Refinery	Amandelbult VSD Mill Upgrade EC & I (90% Electrical) (10% C&I)	R 4,500,000.00	6 Weeks	2022
36	Exxaro Grootgeluk / Siemens	Coal	Advance Stockyard Management Reclaimer and Stackers Project (20% Electrical) (50% C&I) (30% Mechanical)	R 4,000,000.00	8 weeks	2022
37	Sibanye Rowland Shaft	Platinum Underground	Stope Isolation Energy Saving Project	R 2,100,000.00	4 weeks	2023
38	Northam Platinum DRA	Platinum Shaft	Zondereinde - DRA Surface EC&I Surface MV Reticulation, Area Lighting, (100% Electrical)	R 35,000,000.00	30 Weeks	2022/2023
39	Anglo American Amandelbult	Platinum Concentrator Refinery	Anglo Platinum UG2 NO. 1 Scavenger Replacement Project (60% Electrical) (40% C&I)	R 17,800,000.00	22 Weeks	2023
40	Sibanye Smelter	Platinum Smelters	Converter Slag Air Granulation Project (60% Electrical) (40% C&I)	R 11,000,000.00	14 Weeks	2024
41	Siemens Lafarge	Cement	Process Control & Electrical System Upgrade	R 5,000,000.00	8 Weeks	2024
42	Anglo Platinum	Platinum Concentrator Refinery	Mass Pull	R 9,000,000.00	16 Weeks	2024
43	PMC - Siemens	Copper Shaft	PMC Winders Upgrade	R 5,000,000.00	12 Weeks	2024
44	Innomotics / Lumwana Barrick	Concentrator	Various Daily Maintenance and Shutdown Work on Electrical (LV & MV) and Instrumentation	ZWM 15,000,000.00	10 Weeks	2024/ 2025
45	Innomotics / Lumwana Barrick	Concentrator	Cyclone Feed Pumps 1, 2 & 3 Upgrade	ZWM 19,670,000.00	15 Weeks	2024/ 2025



### Installation & Commissioning Project

Various Small Projects & Maintenance consisting of Overhead Lines, Power Factor Corrections, MV Joints & Terminations, Earthing, etc.

## Contact Details

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