

GOLDEN ENERGY (PTY) LTD

SUPPLY & INSTALLATION SPECIALISTS OF
Electrical | Control | Instrumentation
Security (Building Technology) | Renewable Energy

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Company Introduction

Golden Energy (Pty) Ltd is an existing Black Woman owned company, established in 2014. Golden Energy (Pty) Ltd specializes in the Engineering, Procurement, and Construction/Project Environment within the field of Electrical, Control, Instrumentation and Security Building Technology. A flagship, multi-phase capital project initiated in 2022 and currently executed for industry leaders DRA Global and Northam Platinum at the Northam Platinum Zondereinde #3 Shaft. The project has already exceeded a cumulative value of R150 million, firmly establishing it as one of the most significant projects in the company's history, with additional phases and value growth actively underway.

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



Golden Energy Shareholders & Directors



Lourens van der Merwe
Managing Director &
Shareholder

Lourens has over 19 years
experience within the
electrical,
control and
instrumentation
industry.



Jeanette Ngwane
Commercial Director &
Shareholder

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
Financial Director &
Shareholder

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



Fred Biddlecombe
General Manager &
Shareholder

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



Management Team



Fred Biddlecombe
General Manager



Tinus Bekker
Projects Execution
Manager MIE



Martin Kotze
QC/ QA Manager



Carel Visser
Commercial & Legal
Manager



Lulu Tsambo
Financial Manager



Johan Yssel
Chief Health, Safety
and Environmental
Officer



Jonathan Truyens
Human Resources
Manager



Willem Loubser
Senior E&I
Estimator



Gerhard van Niekerk
Operations Manager
Construction



Bryce Abrahams
Planner



Vision / Mission Statement

Vision Statement:

Our vision is to be the preferred Electrical, Control, Instrumentation, Security (Building Technology) and Renewable Energy 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, Instrumentation, Security (Building technology) and Renewable Energy sectors at fair and market competitive prices.



Company Core Business

Products and Services

Golden Energy (Pty) 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., 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.



Security:

Security Building Technology capability includes the entire Spectrum to Protect Buildings, Property, and Assets against Unauthorized Persons or Intruders. The Design, Supply and Installation are as follows but not limited to

- Supply and Install of Security, Networking and Fibre Cables.
- Supply and Install of Security, Networking and Fibre Connections and Splicing.
- Supply and Install of Security, Networking and Fibre Field Junction Panels.
- Supply and Install of Security and Automation Control Panels
- Supply and Install of Security Access Control devices such as Card Readers, Magnetic Lock Door units, Biometrics, Fire/Smoke Detection, Alarms, Face Recognition, etc.
- Supply and Install of Security CCTV Systems
- Supply and Install of Security Perimeter Fencing and Boom Gates.
- 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.

Renewable Energy:

Renewable Energy capability includes the entire Spectrum from Design, Supply and Installation of Renewable Energy Systems.



Quality Management System

Golden Energy (Pty) 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 and Sub-Contractors Health, Safety requirements, the Environment, Client satisfaction 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 Golden Energy (Pty) Ltd is ISO compliant, but not yet certified.



Advantages and Benefits

Golden Energy (Pty) Ltd Advantages Relative to Competing Products and Services

Golden Energy's biggest advantage over our opposition is the fact that the company offers the full spectrum namely Electrical, Control, Instrumentation, Security Building Technology and Renewable Energy (ECI & S). Most of our opposition only provides for one or two of these services. Golden Energy (Pty) 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.



Quality Policy Manual

Golden Energy (Pty) Ltd recognizes that providing products and services of the highest possible quality is a fundamental requirement for the future well-being of our business and the relationship between our internal and external customers. Our goal is to ensure that through established standards and measurements, the level of quality at Golden Energy (Pty) Ltd matches or exceeds our customer's expectations. To accomplish this goal, we are committed to delivering, and continually striving to improve the quality, products, and services. We are also committed to deliver our products and services on time and within budget, thereby achieving a high degree of customer satisfaction.

Golden Energy (Pty) Ltd Policy Manual consists of the following policies and can be made available on request

- Quality Policy
- SHEQ Mission Statement
- No Smoking Policy
- Anti Bribery & Corruption Policy
- Electronic & Internal Communications Policy
- HIV / AIDS Policy
- Quality Objectives
- Minimum Age for Employment Policy
- SHEQ Policy
- Transportation Policy
- Employment Equity Policy
- Change Management Policy
- Drug-Free Workplace Policy
- HIV/AIDS Policy Statement
- Sexual Harassment Policy
- Prohibiting Forced Labour Policy



Company Experience

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)	R1,100,000.00	6 weeks	2015
2	PPC SLURRY	Cement	PV Solar Lighting Upgrade (100% Electrical)	R1,300,000.00	6 weeks	2015
3	Lonmin Platinum BMR	Platinum Base Metals Refinery	SANS Compliance project (100% Electrical)	R1,700,000.00	6 weeks	2015
4	Lonmin Platinum BMR	Platinum Base Metals Refinery	BOPA Lighting and Small Power Project (100% Electrical)	R2,200,000.00	8 weeks	2015
5	Lonmin Platinum Smelter	Platinum Smelters	Blending Plant E&I Upgrade (60% Electrical) (40% C&I)	R4,200,000.00	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)	R50,000,000.00	Ongoing	2015-2025
7	Aquarius Platinum K2 / MINOPEX	Platinum Concentrator Refinery	Aquarius DMS Dump Expansion E & I Work (70% Electrical) (30% C&I)	R1,300,000.00	6 weeks	2016
8	Anglo ACP	Platinum Acid Refinery	ACP Analyzer Installation Project (80% C&I) (20% Electrical)	R1,000,000.00	4 Weeks	2016
9	Siemens Oil & Gas / Transnet	Petrochemical	Transnet Terminal 1 & 2 Electrical and Security Installations (50% Security) (30% Electrical) (20% C&I)	R5,000,000.00	16 Weeks	2016
10	Lonmin Platinum Smelter	Platinum Smelters	Hot Purged Air Dryer Project - (15% Electrical) (60% C&I) (25% Mechanical)	R10,000,000.00	12 weeks	2017
11	Anglo Waterfall Smelter ACP	Platinum Acid Refinery	525V DML Relocation Upgrade (100% Electrical)	R1,600,000.00	5 Weeks	2017
12	Lonmin UG2 Concentrator	Platinum Concentrator Refinery	Bulk Tailings Upgrade (60% Electrical) (40% C&I)	R17,500,000.00	16 weeks	2017
13	Lonmin Smelter	Platinum Smelters	Lighting & Small Power Upgrade Hot & Wet Sections accordance to SANS 1042 (100% Electrical)	R4,000,000.00	8 Weeks	2017
14	Lonmin UG2 Concentrator	Platinum Concentrator Refinery	Medium Voltage Installation (100% Electrical)	R1,000,000.00	3 Weeks	2017
15	Siemens NMPP / Transnet	Petrochemical	NMPP Pump Stations Maintenance (80% Access Control/CCTV) (20% EC&I)	R3,000,000.00	6 Weeks	2017
16	Lonmin K4	Platinum Concentrator Refinery	Copper Liquid Project (80% Electrical) & (20% C&I)	R1,600,000.00	5 Weeks	2018
17	Siemens NMPP / Transnet	Petrochemical	NMPP National Operating Centre Automation & Security Installation (80% Access Control/CCTV) (20% EC&I)	R8,000,000.00	12 weeks	2018
18	Siemens RBCT	Petrochemical	RBCT Stacker 2 Reclaimer E&I Works (60% Electrical) (40% C&I)	R12,500,000.00	20 weeks	2018
19	Lonmin Smelter	Platinum Smelters	Furnace Run Out Shutdown (70% C&I) (30% Electrical)	R1,400,000.00	4 Weeks	2018
20	Lonmin BMR	Platinum Base Metals Refinery	Autoclave 300 E&I Upgrade (80% C&I) (20% Electrical)	R1,200,000.00	5 Weeks	2019
21	Northam Platinum	Platinum Smelters	NP4 Furnace E&I Upgrade (60% Electrical) (40% C&I)	R7,500,000.00	10 weeks	2019
22	Ethele / Transnet	Petrochemical	Transnet NMPP Pump Stations Maintenance Contract Durban to Heidelberg (90% Access Control/CCTV) (10% EC&I)	R5,000,000.00	3 year contract	2019
23	Lonmin Platinum Smelter	Platinum Smelters	CCH Substation Upgrade (80% Electrical) (20% C&I)	R2,800,000.00	8 weeks	2019
24	Sibanye Platinum	Platinum Smelters	CASOX Belt Filters (70% Electrical) (30% C&I)	R5,200,000.00	10 weeks	2019
25	Sibanye Platinum	Platinum Smelters	Dual Alkali Project (70% Electrical) (30% C&I)	R3,300,000.00	12 weeks	2020
26	Sibanye Platinum UG2	Xanthate Zone Classification Plant	Xanthate E&I Upgrade (60% Electrical) (40% C&I)	R2,000,000.00	7 weeks	2020
27	Northam Platinum	Platinum Concentrator Refinery	Concentrate Handling Project (90% Electrical) & (10% C&I)	R6,500,000.00	16 weeks	2020
28	Northam Platinum	Platinum Smelters	Pneumatic Upgrade (80% C&I) (20% Electrical)	R3,000,000.00	10 weeks	2020

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Company Experience Continued...

Nr.	Client	Plant Type	Project Description	Value	Time Frame	Year Completed
29	Honeywell/Eskom Kusile Power Station	Power Station	Honeywell CBMS Installations (80% Access Control) (20% EC&I)	R21,000,000.00	25 weeks	2021
30	Sibanye Platinum K4	Xanthate Zone Classification Plant	Xanthate E & I Upgrade (60% Electrical) & (40% C&I)	R2,000,000.00	8 weeks	2021
31	Sibanye Smelter	Platinum Smelters	K4 Magra Project (60% Electrical) & (40% C&I)	R2,200,000.00	4 weeks	2021
32	Anglo American Amandelbult	Platinum Concentrator Refinery	CRP Alternative Feed Project E & I (50% Electrical) & (50% C&I)	R12,000,000.00	14 weeks	2022
33	Tenova Sibanye	Platinum Smelters	Furnace 1 Rebuild Project E&I (30% Electrical)(70% Instrumentation)	R17,200,000.00	12 Weeks	2022
34	Sibanye Smelter	Platinum Smelters	Sonic Injection Project (50% Electrical)(50% Instrumentation)	R11,600,000.00	16 Weeks	2022
35	Anglo American Amandelbult	Platinum Concentrator Refinery	Amandelbult VSD Mill Upgrade EC & I (90% Electrical)(10% C&I)	R4,500,000.00	6 Weeks	2022
36	Exxaro Grootgeluk / Siemens	Coal	Advance Stockyard Management Reclaimer and Stackers Project (20% Electrical) (50% C&I) (30% Mechanical)	R4,000,000.00	8 weeks	2022
37	Sibanye Rowland Shaft	Platinum Underground	Stopes Isolation Energy Saving Project	R2,100,000.00	4 weeks	2023
38	Northam Platinum DRA	Platinum Shaft	Zondereinde - DRA Surface EC&I Surface MV Reticulation, Area Lighting, (100% Electrical)	R35,000,000.00	30 Weeks	2022/2023
39	Anglo American Amandelbult	Platinum Concentrator Refinery	Anglo Platinum UG2 NO. 1 Scavenger Replacement Project (60% Electrical) (40% C&I)	R17,800,000.00	22 Weeks	2023
40	Sibanye Smelter	Platinum Smelters	Converter Slag Air Granulation Project (60% Electrical) (40% C&I)	R12,000,000.00	14 Weeks	2024
41	Siemens Lafarge	Cement	Process Control & Electrical System Upgrade	R5,000,000.00	8 Weeks	2024
42	Anglo Platinum	Platinum Concentrator Refinery	Mass Pull	R9,000,000.00	16 Weeks	2024
43	PMC - Siemens	Copper Shaft	PMC Winders Upgrade	R5,000,000.00	12 Weeks	2024
44	Northam Platinum DRA	Platinum Shaft	Zondereinde - Raise Bore Relocation (EC&I)	R8,000,000.00	16 Weeks	2024
45	Anglo American Waterval	ACP	Large Weak Acid Project (E&I)	R15,600,000.00	25 Weeks	2024/ 2025
46	Anglo American Amandelbult	Platinum Concentrator Refinery	Reagents System (EC&I)	R8,000,000.00	40 Weeks	2024/ 2025
47	Anglo American	PMR	112 MCC Replacement	R4,500,000.00	8 Weeks	2024/ 2025
48	Innomotics / Lumwana Barrick	Concentrator	Various Daily Maintenance and Shutdown Work on Electrical (LV & MV) and Instrumentation	ZMW 15,000,000.00	10 Weeks	2024/ 2025
49	Innomotics / Lumwana Barrick	Concentrator	Cyclone Feed Pumps 1, 2 & 3 Upgrade	ZMW 19,670,000.00	15 Weeks	2024/ 2025
50	Anglo American Polokwane	Smelter	2nd Caster Project (EC&I)	R28,000,000.00	15 Weeks	2025
51	Innomotics	AFRIMAT	Afrimat LIC & EC Project Shutdown Works	R1,540,000.00	5 Weeks	2025
52	Northam Platinum DRA	Zondereinde	Underground Chairlift (EC&I)	R25,500,000.00	20 Weeks	2025/ 2026
53	Northam Platinum DRA	Zondereinde	Surface Substation Installation (EC&I)	R90,000,000.00	34 Weeks	2025/ 2026
54	Mopani Copper Mines	Zambia	Energy Audit and Design at 10 Shaft East & West	ZMW 1,178,537.00	2 Weeks	2025/ 2026
55	Sibanye Stillwater	SSMS SEC RBMR	Camera Power Installation (E&I)	R2,045,730.82	Ongoing	2026
56	Valterra (Anglo American)	ACP	534-CM-280 Final Absorption Tower Replacement	R9,521,701.31	Ongoing	2026

GOLDEN ENERGY

Contact Details

We strive towards ZERO HARM!

Every MINE WORKER shall return home
UNHARMED from work every day.

THE PLATINUM S
We are uncondi
a respectful, inc
working environ
that no colleague
or harassed unc

Managing Director
Lourens van der Merwe
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Fred Biddlecombe
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