



COMPANY PROFILE



ZISMO
ENGINEERING





COMPANY OVERVIEW

ZISMO Engineering was established in May 2001 as an Electrical Engineering Contracting, Automation and Refurbishment Company. ZISMO Engineering operations are countrywide and have expanded to other SADC countries such as Zambia. The company is equipped with different equipment that includes crane trucks, rigging gear, overhead line plant, different testing equipment and electrical machines refurbishment and service workshop. ZISMO attributes its solid growth to high standards of resource management, workmanship and excellent service delivery. This is achieved by a highly proficient team made of Electrical and Electronics Engineers, Project Managers, Site Supervisors, Foremen, Technicians, Electricians, Linesmen, Boiler Makers, Armature Winders and a competent Finance and Administration staff to support the business.

The organization has 6 active departments namely:

1. Projects
2. Workshop and Field Services
3. Sales and Marketing
4. Corporate Services
5. Finance
6. Logistics

ZISMO has done and completed many projects for different clients such as Water Utilities Corporation, BCL Limited, Siemens, Botswana Power Corporation, Debswana, Rural Electrification Authority, Zambia, Electricity Company of Ghana just to mention a few. The company also manufactures Distribution Transformers.



QUALIFIED AND EXPERIENCED PERSONNEL

Our qualified personnel will work around the clock in case of breakdowns at a nominal fee to the customer. Local manpower training is a priority of ZISMO Engineering to ensure that all our staff delivers the best quality at all times.

COMPANY MISSION

“To attain sustainable growth, at ZISMO we aim to forge strong long-term relationships with our clients based on honesty, mutual trust and respect. ZISMO Engineering strives to deliver to clients a product that exceeds their expectations and sets the benchmark in terms of quality, service and safety.”

COMPANY VISION

“To be the Electrical Power Systems leader and the most trusted Contract Maintenance Solutions provider in the SADC Region. ZISMO Engineering takes pride in going an extra mile with intentions to lower environmental impact in a sustainable way.”

Quality Assurance Policy

The organization has adopted Quality Management System (QMS) based on ISO 9001:2015 which specifies the requirements in order to:

- a. Demonstrate its ability to consistently provide products and services that meet customer and applicable regulatory requirements.
- b. Enhance customer satisfaction through the effective application of the QMS processes for continual improvement of the system and the assurance of conformity to applicable regulatory requirements.



ACTIVE DEPARTMENTS

1. Power Transmission & Distribution

ZISMO Engineering has an excellent Power Transmission and Distribution department that services a variety of clients. The services include the following:

- Construction and Refurbishment of high voltage and low voltage Overhead Lines.
- Design and build of Indoor and Outdoor Substations.
- Test and commissioning of power substations

Notable Projects

- Construction of two grid extensions in Mumbwa and Kaoma regions, Zambia
- Gerald Estates Industrial Power triple 240mm² Cable reticulation and 11kV indoor switch room.
- Matsitama 66/33kV Substation
- Bobonong 66/33kV Substation
- 5km of 240mm² cable and 5 x 11kV Indoor Substations at the University of Botswana.
- Gaborone east 132/11kV substation increase capacity
- Selibe Phikwe 220/66kV substation increase capacity

2. Sales and Marketing

ZISMO Engineering is a supplier of various Electrical Machines in Botswana:

- Supplier of ABB and WEG Electric Motors, Soft Starters and Variable Speed Drives
- Pumps, Generators and Vibrator Motors
- Distribution Transformers, HV and LV Switchgear



3. Field Services Department (Contract Maintenance Solutions)

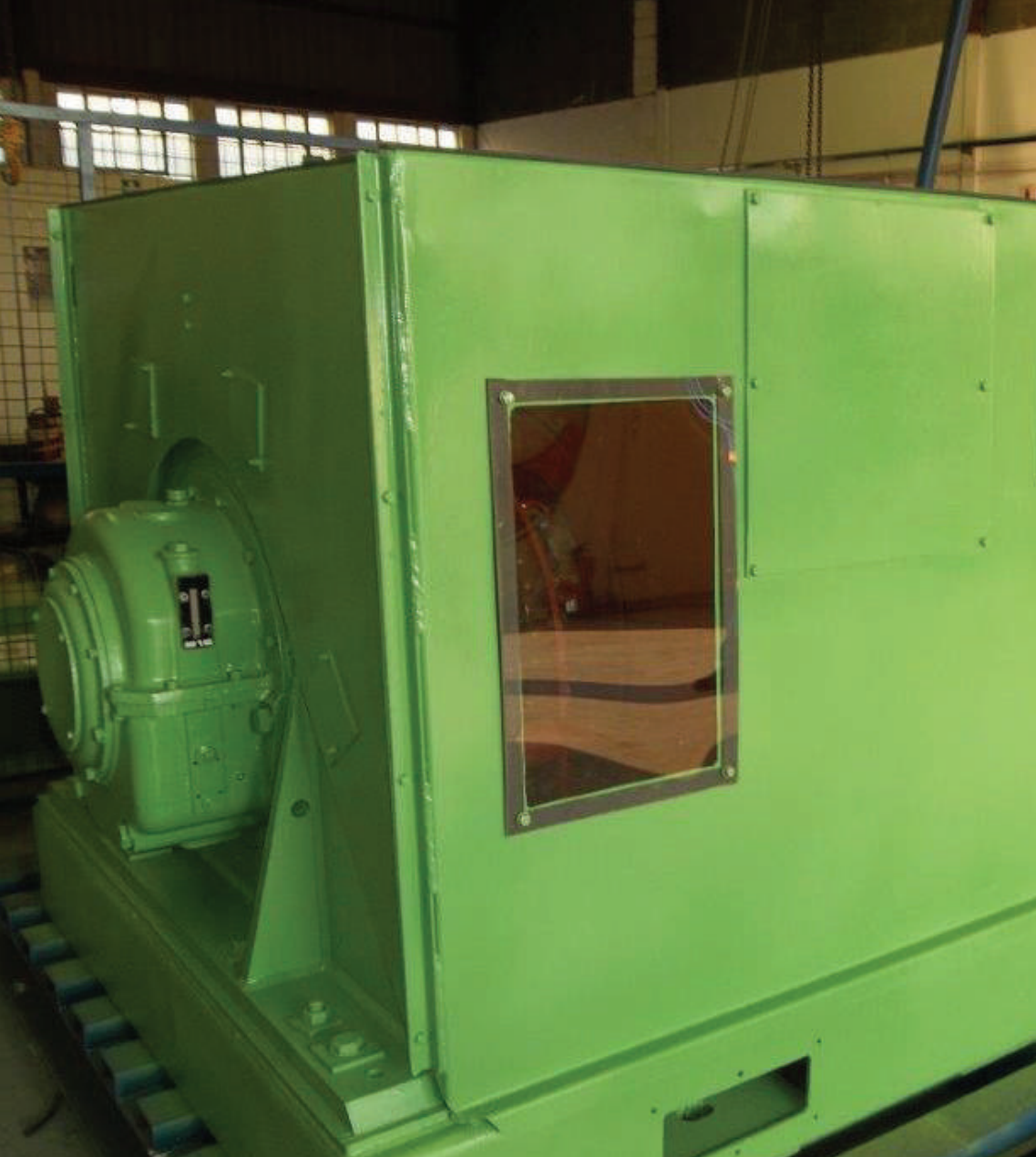
ZISMO Engineering provides 24h Technical and Service Support

NOTABLE CONTRACTS

1. Corrective and preventative maintenance of electrical power supply system at Letsholathebe II Hospital in Maun.
2. Contract Operation and maintenance of Seronga Power Station for Botswana Power Corporation.
3. Refurbishment of Botswana Vaccine Institute electrical power supply system.

24hr CONTACTS
72 360 016
74 792 822





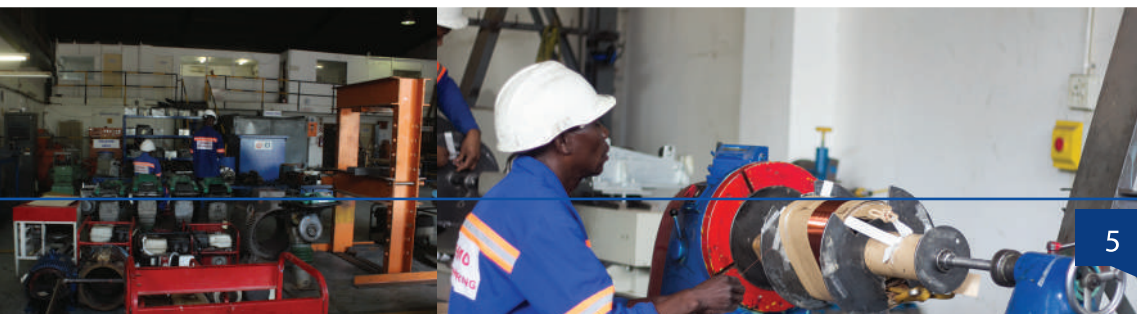
4. Workshop

Electrical Machines Workshop Repair and Refurbishment of:

- Low Voltage Electric Motors up to 750kW
- AC & DC Generators
- Diesel and Petrol Generators
- Centrifugal and Submersible Pumps
- Welding Machines
- High Voltage Motor Repair and Refurbishment

Notable Projects

- Refurbishment of 1700kW, 3.3kV Slip Ring motor for BCL Limited Copper mine
- Refurbishment of 450kW, 3.3kV WEG Motor for Tati Nickel Mine
- Refurbishment of 400kW, 3.3kV HV Motor for Water Utilities Corporation
- Repair and refurbishment of transformers up to 3000kVA
- Manufacture of Distribution Transformer up to 1000 kVA





5. Plant and Industrial Automation

The following services are offered under our Plant and Industrial Automation division:

- Electro-Mechanical installations of Pump Stations
- Large Standby Generator installations
- Installation and commissioning of Variable Speed Drives
- Industrial Power Supply System analysis
- Conveyor Belt Automation systems

Notable Projects

1. Tutume Pump Station
2. Mbalambi Pump Station
3. Mmamashia Pump Station
4. Mahalapye-Shoshong Water Transmission Pipeline

Mobile Oil Purification Station

As transformer oil ages, it oxidizes and begins to breakdown. During this time, oil purification will effectively remove moisture, solids and other impurities which bond together to form sludge. Sludge inhibits oil flow and traps heat inside the transformer, eventually the dielectric gap will be bridged, thus, resulting in failure of the transformer.

Mobile oil regeneration

The plant restores qualities of the transformer oil to be similar to new oil condition and would be used in power transformers and high voltage switchgear. Oil regeneration extends transformer life, less costly than changing to new oil, minimal downtime as Oil Regeneration can be performed on live/energized transformer and environmentally friendly as old oil is reused.

LOGISTICS DEPARTMENT

ZISMO Engineering is engaged in transport of goods such as wooden poles from Tzaneen to different countries around the region.

COMPANY PHILOSOPHY

Maximum Customer Satisfaction is the ultimate Goal, this is the mission of ZISMO Engineering logistics, we leave no questions unanswered and find quick, reliable and cost effective solutions to any problem.

NOTABLE CONTRACTS

- Hire of 25 bar large air compressor for borehole drilling
- Hire of TLBs
- Transportation of goods within Botswana and other SADC countries
- Hire of 7 tonne forklift
- Hire of commercial property



COMPANY STRUCTURE



Justice Thebe Moilwa
Managing Director

He is a Chartered Electrical Engineer IEE(CEng), UK) and Professional Electrical Engineer (PrEng) (Zambia), Professional Electrical Engineer (Botswana) and Corporate member of Botswana Institute of Engineers. He has more than 30 years of work experience and has been involved with various companies in Botswana, Zambia and South Africa, i.e Botswana Vaccine Institute, Botswana Polytechnic and ABB just to name a few, He is currently the Managing Director of ZISMO Engineering and current Chairman of Botswana Engineers Registration Board.



Senzile Mosinyi
Deputy Managing Director

A qualified Quantity Surveyor having acquired her BSc (Hons) Quantity Surveying at the University of Cape Town, and an MSc in Project

Management at the Witwatersrand University. She has experience in Project Management and of Electrical Projects and was previously employed as an Engineering Quantity Surveyor by a prestigious EPCM based in Johannesburg. She specializes in Transmission and Distribution Power projects, Water projects, Mining and Engineering projects and Infrastructure projects.



Mojasegoro Kgosinkwe
Director and Divisional Manager

Graduated in 1992 with B.Eng (Hons) degree in Electrical Engineering from Southampton University in the UK. He has worked in the mining industry in

power distribution and protection systems, plant electrical systems, supervision, planning and management. Has worked in construction industry as both project engineer and project manager at different stages. The areas covered were in power transmission and distribution, water pumping, process plants and building services among others.



Shana K. Moilwa
Director

A holder of both Bachelor of Nursing Education (BEd Nursing) and Master of Nursing Science majoring in Midwifery (MNSc - Midwifery) both from University of Botswana. She worked for Ministry of Health based at Princess Marina Hospital for most of

29 years. Most of those years were spent in the Maternity Department working as a Nurse in the early years and later Senior Nurse and finally Manager. She also served as Deputy Matron for Deborah Retief Memorial Hospital in Mochudi and Bamalete Luthern Hospital in Ramotswa.

PROJECT REFERENCES

INDUSTRIAL PROJECTS



Item	Contract No.	Project Name	Client	Description of Project	Duration	Contact Person	Tel.
1	WUC 003 (2005)	Additional pump unit	Water Utilities Corporation	Supply ,installation,testing & commissioning of 650kW, 3.3kV Pump-Motor unit at Mmashia complete with Telemetry & control system.	Complete	WUC Mr H Pheko	+267 3604400
2	WUC 052 (2010)	Nimbale, Mbalambi, Mathamgwane and Francistown Generator Sets Project	Water Utilities Corporation	Supply, Installation and Commissioning of Diesel Generator Sets At Nimbale, Mbalambi, Mathamgwane and Francistown Pump Stations	Complete	WUC Mr K Moqami	+267 3625100
3	PG398C0101	Cable Racks at Smelter and Concentrator	BCL Mine	Repair and refurbishment of Cable racks at Smelter and Concentrator Plant	Complete	(BCL) Mr Ntla	+267 71446869
4	4502854729	Control & Instrumentation at Morupule Power Station	Siemens (RSA)	Installation of Control & Instrumentation equipments at Morupule Power Station	Complete	(Siemens) Mr D. Phillip	+267 3902682

BUILDING SERVICES



tem	Project Name	Client	Description of Project	Complete	Contact Person	Tel.
1	Electrical Supply to 5 Primary Schools in Serowe Area	Central District Council	Supply, Install and Commission Electrical installation including the external works of the 5 primary Schools in Serowe Region	Complete	Mr.Motshwane Systems and Services	+267 3161176
2	Electrical Supply to 3 primary schools in Central Districts	Central District Council	Supply, Install and Commission Electrical installation including the external works of the 3 primary schools (Etsile, Nicodemus and Tsienyane) in the Central District	Complete	Mr.R P Mathumo R&B Consulting	+267 3933415
3	Kanye Infrastructure Dev. Phase IV streetlighting	Southern District Council	Supply, Install and Commission of streetlighting to CBD, Village and A2 roads	Complete	Mr.Sabokone	+267 5442542
4	Proposed Senior Secondary School at Mmadinare	China Jiangxi Corporation	Proposed Senior Secondary School at Mmadinare	Complete	Mr.Gu	+267 3167461
5	Block 5,8 & 10 Street Lighting in Gaborone	Gaborone City Council	Supply, Install and Commission of streetlighting to Block 5,8 and 10	Complete	Mr.Kolobe (GCC)	+267 3973386
6	Rehabilitation & upgrade of A1 road at Tonota-Francistown and Francistown Interchange	Ministry of Transport & Communications	Rehabilitation & upgrade of A1 road at Tonota-Francistown	On Going	Mr Yang China Railway 7thGroup	+267 3163066

PROJECT REFERENCES

POWER TRANSMISSION & DISTRIBUTION

BOTSWANA

Item	Contract No.	Project Name	Client	Description of Project	Duration	Contact Person	Tel.
1	100/matsitamasebina/203/1	Matsitama 66/33kV Substation and Sebina 66kV line bay	Etel Network	Design, Test, Supply, Install and Commissioning of a 66/33kV substation and 66kV Feeder Line bay	Complete	Mr A Graves Etel Networks	3912527 71325699
2	6870/10 _03	Thune Dam power project, and Bobonong 66/33kV Substation	AR Edwards Consulting	Design, Test, Supply, Install and Commissioning of	Complete	Mr. G.Madibela Consulting Eng.	3912224
3	PC 507C0301	Construction of Selibe/Selibe	BCL Limited Selibe Phikwe Mine	Construction, and commissioning of the 22km 66kV w of overhead line	Complete	Mr. T. Moshashoake BCL	2621200
4	8294/11 _02	Power supply to Fengyue Glass Factory in Palapye	Botswana Power Corporation	Construction, and commissioning of the 66/11kV Substations & Associated Civil Works	Complete	Mr. J. Sikosana G4 Consultants	2621200
5	A4YM-6K019	66kV Overhead Line at Letlhakane Mine	Debswana Diamond Mine	K019-Supply and Installation of 66kV Overhead Line at Letlhakane Mine Tailings Resource Treatment Project	On Progress	Mr J Makamba Debswana	2902000
6	395-SCM-C00 5925	Wellfield 7 Development Construction of Powerline & SCADA Network at Orapa Mine	Debswana Diamond Mine	Wellfield 7 Development Construction of Powerline & SCADA Network at Orapa Mine	On Progress	Mr Thulani Moyo Debswana	2902000
7	UBT 2006/2007-20	Site Infrastructure Development	University of Botswana - Main contractor, Excavator Hire	Supply & installation of Power reticulation LV & HV & Street Lighting in Walkways, Parkings, Main Gate & Substations	Complete	Mr. C Jongma Mr. A.R Edwards Consulting Eng	3912224

GHANA

Item	Project Name	Client	Description of Project	Duration	Contact Person	Tel.
1	Supply and Install 33kV Power to Substation 'H' and 'L' in ACCRA	Electricity Company of Ghana (ECG)	Supply, Install and Commission a 2 x 40MVA, 33kV Power line between Substations "H" and "L" in ACCRA. The project includes supply of 33kV XLPE Cable c/w joints and terminations, OPGW and accessories, ADSS Fibre Optic and Accessories etc.	Complete	Mr.S.Akuoko ECG Director	00233 - 21-676727

ZAMBIA

Item	Project Name	Contract Ref No.	Client	Description of Project	Duration	Contact Person	Tel.
1	Construction of two grid extensions, Mumbwa & Kaoma, Zambia	FED/2008/020-660 (9 ACP PRPR 174	Rural Electrification Agency (REA)	Design, Test, Supply, Install and Commissioning of the two grid extensions Lot 1 (Kaoma) and Lot 2 (Mumbwa) 350km of 33 kV Lines and upgrade 66/33/11kV Substations	Complete	Nason Musonda	(00) 211 241 296

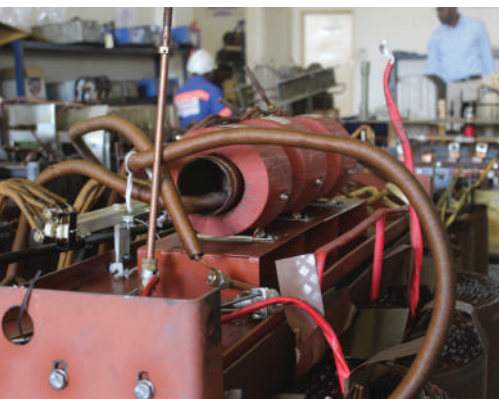
PROJECT REFERENCES

FIELD SERVICES



Item	Contract No.	Project Name	Client	Description of Project	Completion Date	Contact Person & Tel
1	MTU/MOH/MTU/WOR/6837/08082012	Corrective and Preventive Maintenance Works	MOH Letsholathebe Hospital	Servicing of 2 x Generators Servicing of 2 x 800kVA Transformers	9-Nov-13	B.Monyoko 391 0634
2	MTU/MOH/MTU/WOR/6501/21032012	Corrective and Preventive Maintenance Works	Ghanzi Hospital	Servicing of 2x 450kVA Generators	15/04/13	B.Monyoko 391 0634
3	MTU/MOH/MTU/COOR/6281/25012012	Corrective and Preventive Maintenance Works	Mahalapye Hospital	Servicing of 1x 450kVA Generator	10/2/2012	B.Monyoko 391 0634
4	MTU/MOH/MTU/WOR/6509/28032012	Corrective and Preventive Maintenance Works	Hukuntsi Hospital	Repair changeover Panel	2/12/2011	B.Monyoko 391 0634
5	9017/13	Operations of Seronga Diesel Power Station	Botswana Power Corporation - Rural Division	Operation and Maintenance of Diesel Power station that supplies power to the Okavango Northern Villages.	3 Years Contract	Gordon Molefe +267 71383030

TRANSFORMER-WORKSHOP REPAIRS



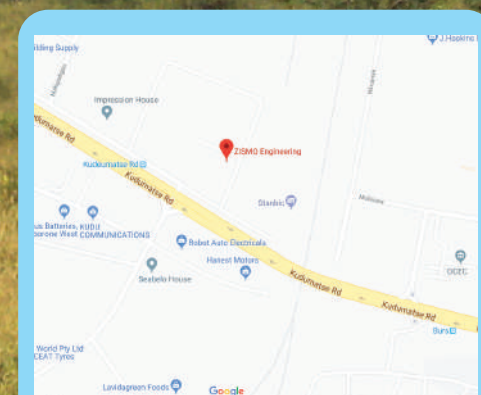
Item	Date Received	Customer	Contact No.	Work Done	Make	kVA	HV Volts	LV Volts	Serial No.
1	16.05.11	Botswana Power Corporation FTown	4500014913	Overhaul & Oil Purification	ELECTROINDUCTIVE	50	11000	400	DS5853N/35
2	3/18/2008	Botswana Power Corporation Gaborone	5205/06	Service , New Bushings & Oil	Hawker Siddeley Electric	500	22 000	11 000	T3615/1
3	05.02.10	Bcl Limited	R1177605	Overhaul Minisub	STEELCOR	750	11 000	400	8111/3
4	13.02.12	Kgalagadi Breweries	78411	Rewind & Oil Purification	Hawker Siddeley Electric	800	11000	400	T8066/1
5	7.11.08	Bcl Limited	R1070375	Rewind & new oil	Republic of Transmco	2500	11000	3 300	

PROJECT REFERENCES

MOTORS-WORKSHOP REPAIRS



Item	Company	Order/ Pr No	Description	Contact Person	Contact No
1	Debswana Jewellery Mine	4300170137	132 Kw 525V Weg Motor s/n 01BB71331	Mompoloki Dintwa	+267 588 4094
2	Debswana Jewellery Mine	4300171037	220 Kw 525V Weg Motor s/n 1327633901	Mompoloki Dintwa	+267 588 4094
3	WUC Gaborone	4500118167	7.5 Kw 400V Tsurumi Pump s/n B-544422	V.Segweni	+267 390 2606
4	Mupane Gold Mine	MP015319	SACFW090053T5069ESZ VSD	A.Mutamiri	+267 244 1700
5	GEM Diamonds	N2402	30 Kw 525V Sakuragawa Pump s/n	Joshua.David	+267 318 2796
6	Botswana Ash	306464	75 kw 525V GEC Motor s/n 07470/10	Nonofo Molapisi	+267 621 3210
7	BCL Mine	R1501312	410 Kw 525V GEC Motor s/n BLM2313.1	T.Manyane	+267 262 1357



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