

13TH AMEU/AEDU NAMIBIA TECHNICAL CONFERENCE

IDEA ZONE AFRICA TRADING

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POWER TRANSFORMER REFURBISHMENTS

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CONTENTS

Company
details

Problem
statement

What we
offer

Onsite
transformer
repairs

Workshop
repairs

Plant and
tools

Success
stories

Future plan

Q & A

COMPANY DETAILS

- A Namibian company called Idea Zone Africa cc has formed Joint Venture with a South African Company E-Multi Construction & Electricity cc.
- The parties are registered entities in Namibia & Republic of South Africa respectively conducting profit oriented business in their own right
- The company has offices in Windhoek(NA) and Johannesburg (ZA)

PROBLEM STATEMENT



Utilities struggle to procure new transformer due to budget constraints and sundry



Most transformers get to be replaced after failure, that which can be avoided.



We have noticed longer lead time on new transformers due to factories being fully loaded world-wide.



Condition assessment is lacking in most utilities.

WHAT WE OFFER

Refurbishment of Distribution Transformers,
Transmission & Generation Power Transformers.



Onsite Maintenance & Factory Maintenance



Operation & Maintenance Services



Tap-Changer maintenance



ONSITE REPAIRS AND TESTING

TRANSFORMER

TRANSFORMER TESTING

ONSITE REPAIRS AND TESTING

OUR REPAIRS INCLUDE TAP CHANGER
REFURBISHMENT AND MAINTENANCE.



WORKSHOP REPAIRS



TOOLS AND RESOURCES WE HAVE:

SUBSTATION MAINTENANCE	TRANSFORMER MAINTENANCE	OVERHEAD LINES UNDERGROUND CABLE REPAIRS AND MAINTENANCE	PROTECTION TESTING
Cherry Pickers	Toolbox	Toolbox	Phasing stick
Crane Trucks	Oil Pump	Gas Bottle	Discharge Rod
Bakkies	Crane Truck	Heavy Duty Pick	Thumper
Generator	Floor Bin	Shovel	Scope
Electrical Toolbox	Compressor	Crimping Tool	Headsets
Crimping tools	Generator	Jack Hammer	Ground Microphones
Multi-meter	Purification Plant	TLB	Cable Identity
Compactor		Crane Truck	Laptop
Welding Machines			
Submersible Pump			

PLANT AND TOOLS

SUCCESS STORIES

Repairs and Maintenance of Street, Area and Sport Field Lightning on an as-and-when required basis from date of award until 30 June 2020	City of Ekurhuleni (Joint Venture Brakpan/Springs)
Repairs and Maintenance of Substations and Electrical Equipment for a period of 3 years	City of Ekurhuleni (Joint Venture Benoni)
Maintenance of Electrical Distribution Network	Enpower Machite
Installation of the Secure Ground-mounted Meter (Split Metering)	Eskom SOC
Electrical Maintenance in Building	Public Works Pretoria
Installation, Refurbishment, Repairs, Maintenance of Low and Medium Voltage Cables	Mapulaneng Electrical
Servicing, Repairs, Maintenance, Reconditioning and Testing of 2,5MVA-80MVA Power Transformers	Ark Tech
Servicing, Repairs, Maintenance, Reconditioning and Testing of 2,5MVA-80MVA Power Transformers	CITY OF Ekurhuleni (Springs)

FUTURE PLAN

- Establish a factory in Namibia which will support local and neighboring countries.
- Source a technology partner for manufacturing new transformers locally.
- Establish skills development program by enrolling engineering students from local universities.
- Create more job opportunities.



THANK YOU

QUESTIONS?