
CURRICULUM VITAE FOR ANTON KOEKEMOER

Proposed Position: Rural Electrification Engineer

Name of Firm: EMCON Consulting Group

Name of Staff: Anton Koekemoer

Profession: Electrical Engineering Consultant

Date of Birth: 24 February 1964

Years with Firm/Entity: Nine (9) years

Nationality: Namibian

Membership in Professional Societies: Engineering Council of Namibia, Incorporated Engineer,
Reg. No. IE 20006

Detailed Tasks Assigned:

Anton Koekemoer will contribute to the following tasks as per Terms of Reference:

Key Qualifications:

Anton is an electrical consulting engineer with extensive experience in electricity distribution, industrial and building installations, pumping schemes and GIS services.

Anton has been involved in a variety of aspects relating to electrical installations, both industrial and building, including design, engineering, testing, commissioning and turnkey project management. He has been involved in such diverse building projects as new hospital developments, abattoirs, colleges, schools, dormitories, police stations, libraries, banks, a shopping centre in Port Elizabeth in the RSA, and master planning for the EROS aerodrome in Windhoek, Namibia.

Through his involvement in the survey and quality audit of the electrical infrastructure of 67 rural towns & villages during the commercialisation of the rural electricity infrastructure of northern Namibia; his analysis and preparation of inventory documentation and final accounts; and his participation in the management of a contracting company, Anton has gained a valuable insight into the contracting aspects related to the electricity supply industry.

Anton's focus has shifted since 1993 to medium and low voltage electricity distribution through his extensive consultation to the Namibian Ministry of Mines and Energy and NamPower on the comprehensive rural and urban electrification programme being carried out in Namibia. His work has included the upgrading and returning to operation of a collapsed medium voltage urban network as well as the development of some 12 urban MV and LV distribution projects. In addition he has worked widely on rural distribution development from bulk supply down to household connection and metering for more than 43 rural towns. Anton has developed a wealth of experience through his project management, strategic planning, technical know-how and effective translation of the needs and aspirations of town councils into practical distribution solutions for the urban and rural areas of Namibia.

Anton has been instrumental in the development of technical standards for medium and low voltage distribution and reticulation in Namibia which has been accepted by most supply authorities as their norm.

As an intrinsic member of the team that developed the 20 year Master Plan for Namibian electrification, Anton managed the network planning consultants, controlled load flow analysis and geographical load forecasts, data acquisition, map compilation and data analysis utilising GIS software.

Anton has been responsible for existing and potential network aerial and ground surveying, GIS mapping, network planning, load analysis and forecasting for various Southern African utilities through his involvement in multidisciplinary consulting teams. In addition he has thorough knowledge from the development of feasibility analyses for private sector participation in competitive bidding for electricity distribution projects. Anton works at the cutting edge in the application of GIS technologies to electricity distribution planning and management.

Anton sharpens his skills by part time lecturing in Electrical Engineering (Heavy Current) at the Polytechnic of Namibia, as well as attending and participating in relevant courses, seminars, workshops and presentations.

His international exposure includes his involvement in various projects in South Africa, Lesotho, Mozambique, Zambia, Uganda, Zimbabwe, Angola and Tanzania.

Anton is responsible for the technical design, bill of materials, detail technical specification and detail structural drawings on the Urambo Rural Electrification Project in Tanzania, to the value of SEK 23 million.

Anton is a director of EMCON and manages the Electricity Distribution Division.

Relevant Professional Experience:

- **2005** Mozambique – Project Management of the tower spotting and staking of the 170km 132kV Transmission line between Nampula and Moma Sands.
- **2005** Urban electrification of 483 stands in Outapi, Northern Namibia
- **2005** Project Management of the line profiling, tower spotting and staking of the 3100km 132kV Transmission line between Kokerboom and Namibi substations, Southern Namibia.
- **2004** Meter Auditing of 7500 meters for the towns of Ondangwa and Rundu
- **2004** The Installation of 75 large power user meters for the Tsumeb Town Council
- **2004** Urambo Rural Electrification Project, Tanzania – Project Management
- **2004** SMC-NGEZI 132kV Line: Line Profiling, Tower Spotting and Pegging – Project Management
- **2004** MV and LV Rehabilitation, Upgrading and Extensions to the Henning Crusher Development, Ondangwa
- **2003** Surveying of Omatando Area Phase 1
- **2003** Internal Wiring for government buildings, 2003/2004 Financial Year
- **2003** Northern Namibia Rural Electrification (23 towns) Oshana and Omusati Regions 2003/2004
- **2002** Meter audit on electricity consumption meters for NORED in the Caprivi and Kunene regions.
- **2002** Surveying and technical audit on 39 solar home systems in the Omaheke region, Namibia
- **2002** 128km of 33kV overhead line and 64 transformer points for NamPower
- **2002** Electrification of Aredareigas Nature Estate housing development
- **2002** Surveying of 53 rural towns in northern Namibia and designing of networks for 23 towns
- **2002** Electrification of 36 schools and clinics in Northern Namibia
- **2002** Surveying and compilation of as-built layout drawings for 10 towns in Northern Namibia
- **2001-2002** Rural Electrification of 27 towns in Omusati and Oshana Regions, Northern Namibia
- **2001-2002** Feasibility for private sector participation in West Nile Rural Electrification, Uganda
- **2001-2002** Feasibility for private sector participation in Mkushi Farm Block Project, Zambia
- **2001** Asset valuation, survey for new Regional Electricity Distribution area in Northern Namibia

- **2001** Rural Electrification Action Plan for 3 District Capitals in Mozambique
- **2001** Meter audit on electricity consumption meters of the town of Oshakati.
- **2001** "Access-to-Electricity" study for LEC under the control of the Lesotho Privatisation Unit, SADELEC and IMTF, Lesotho
- **2001** Rural Electrification of 18 towns in Omusati, Oshana, Ohangwena and Oshikoto Region, Northern Namibia
- **2000** Rural Electricity Distribution Master Plan for Namibia
- **2000** Electrification of twelve villages in Northern Namibia
- **2000** Electrification of 1100 houses in Rehoboth
- **1999** Electrification of ten villages in Northern Namibia
- **1999** Master Planning for the town of Ondangwa, upgrading of the 11kV network, new main substation and four satellite distribution stations
- **1998** Electrification of four rural towns in Western Namibia
- **1998** Master planning and town and village development plan for the Oshikoto and Oshana Regions in Northern Namibia
- **1998** Compilation of standard specifications for low and medium voltage networks applicable to the Northern Namibia commercialised networks
- **1997** Electrification of five rural towns in Southern Namibia
- **1989-1996** Analysis and preparation of various electrical installation tenders in excess of US\$ 2,0 million.
- Surveying and preparation of inventory documentation and worth for rural electrical networks in Northern Namibia.
- Detailed survey and quality audit of existing infrastructure for Ministry of Regional and Local Government and Housing.
- Industrial and building installation projects including upgrading Bank Windhoek telecom and electrical infrastructure; Katutura Market, new telecom and electrical infrastructure; Eenhana and Grootfontein District Hospitals' new electrical infrastructure; Eenhana police station and magistrate's court new electrical infrastructure, Greenacres shopping centre in Port Elizabeth, 23km of streetlighting in Soweto RSA, electrification of 4000 stands, Shoshanguve, RSA.

Education:

- 1986 National Diploma Electrical Engineering, Polytechnic Bloemfontein
- 1988 National Higher Diploma Electrical Engineering, Polytechnic Bloemfontein
- 1991 Masters Diploma in Electrical Technology (Theory), Polytechnic Pretoria

Employment Record:

- 1999 – present **Member and Head of Electricity Distribution Division**
EMCON cc Consulting Engineers
Windhoek, Namibia
- 1997- 1998 **Electrical Engineer**
EMCON cc Consulting Engineers
Windhoek, Namibia
- 1993-1997 **Electrical Engineer**
Africon Namibia Inc Consulting Engineers
Windhoek, Namibia
- 1989 –1992 **Electrical Engineer**
Everitt and Germishuizen Consulting Engineers
Randburg, South Africa
- 1988-1989 **Electrical Engineer**
Gerotek Environmental Test Facility
Centurion, South Africa
- 1985-1987 **Technician**

Tsumeb Corporation Limited
Tsumeb, Namibia

Languages:

	Speaking	Reading	Writing
English	Good	Excellent	Good
Afrikaans	Excellent	Excellent	Excellent
