

LURIWARE (PTY) LTD CONSULTING AGRICULTURAL ENGINEERS

COMPANY PROFILE



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Introduction

Luriware (Pty) Ltd Consulting Agricultural Engineers was registered under E.C.S.A **CU2014014A** specifically to deal with Agricultural Engineering planning, designing and development projects with the motto “changing the faces of structures in agriculture” whilst adhering to engineering standards.

Luriware (Pty) Ltd was established in 2012 as a Project and Programme Management, and Cost Consulting practise in structures and livestock environments, however due to the changing agricultural environment and the growing needs of our Clients (mostly in rural communities); it became necessary to broaden the services that could be provided by Luriware, so as to offer multi-disciplinary Agricultural Engineering consulting services under one banner. Luriware has added to our portfolio full-time Geotechnical investigation and Environmental Impact Assessment units for custom-built projects that require those applications.

Luriware has continued to strive towards becoming a complete multi-disciplinary practise offering our Clients the specialist individual attention and solutions required by an ever-changing project environment. Luriware sees teamwork on every project as the key success element and is responsible for creating this environment. The over-all project manager is duty-bound in ensuring efficient and regular communication to all stakeholders and at all levels.

Luriware believes in a hands-on approach on all projects. That is why a Director of the firm will always be in control of the key functions on our projects as the Chief Engineer. Luriware is equipped with the latest technology and has the necessary staff and resources to ensure the best professional service is provided at all times. The firm is backed up by up-to-date Professional Indemnity Insurance, which can be extended to cover risk on any size project the firm undertakes both locally and abroad.

Vision

Our vision is to grow our multi-disciplinary team in order to offer a broad spectrum of specialist Agricultural Engineering Consulting services to become our Clients' preferred Professional Service Provider (PSP) choice through excellence and efficiency in all aspects of the project life cycle. Whether it is a building project, engineering project, implementation of a project management system, or programme management of a multi-faceted initiative, Luriware is a leading practice that will exceed expectations and set new standards!

Mission Statement

Our Mission is to offer excellent service in each of our professional disciplines, in accordance with statutory practices, codes of conduct and integrity, thereby



developing our team and providing a leading platform from which to service the Agricultural Engineering spectrum and in particular, our valued Clients.

Services

Being a multi-disciplinary consultancy in Agricultural Engineering, Luriware offers a wide range of Engineering, Project/Programme Management services.. Our firm focuses on various aspects of Agricultural Engineering projects Infrastructure planning and development namely:

- Agricultural Structures & Environments Engineering (Crops & Livestock)
- Irrigation and Drainage Engineering
- Agricultural Processing and Post Harvesting Facilities
- Structures to support Mechanization Planning and Engineering
- Facilities to support Renewable Energy Engineering.
- Soil and Water Conservation Engineering inclusive of Land Care Projects
- Environmental Impact Assessment (E.I.A) for Infrastructure Projects Development
- Geotechnical Investigations for Infrastructure Projects Development
- Project and Programme Management
- Construction Management and Cost Consulting
- Site Supervision and Management
- Contract Administration and Documentation
- Procurement Documentation and Contractual Dispute Support and Advice

Ownership & Management

We recognise the social and financial imbalances of our society and seek to apply capacity building and training initiatives to address these areas.

The company is a level 4 B-BBEE contributor with 100% procurement recognition level and is headed by a dynamic, motivated and efficient team currently led by our Director & Chief Engineer, Mr Tendai Justin Mutenje(Pr.Eng) E.C.S.A. Mr Mutenje is assisted by Ms Fortunate Nyemba (Managing Director) and a staff complement inclusive of 3 engineers, engineering geologist, environmental scientist, surveyor, quantity surveyor, draftsmen, hydrologist and teams of standby external consultants engaged as per client services demands.

Approach

Luriware sees teamwork on every project as the key success ingredient and are responsible for creating this environment. The overall project manager is duty-bound in ensuring effective communication to all stakeholders and at all levels. Teams are built by combining the strengths of the individual members and refining skills to meet and exceed the Client's expectations.



We also believe in a hands-on approach on all our projects. This is why a Director of the firm will always be in control of the key functions on a project. Luriware is equipped with the latest technology and has the necessary staff and resources to ensure the best professional service is provided at all times.

Experience

Luriware has a combined professional experience of some 30 years among its Principals and Members. Listed below are the projects that the firm has undertaken both directly and as sub-contractors:

Project	Client	Project Construction Cost and year
<p>A) Various Agricultural Infrastructure Designs Projects contracts:</p> <ol style="list-style-type: none"> 1. Broiler units(5000,10000 and 20000 units) design 2. Feedlot, handling systems Abattoirs (Red meat and broiler) design 3. Pack house, AgriHub and Fresh Produce Units designs 4. Concrete Grain Silos complex rehabilitation plan 5. Irrigation system designs (Pivots, sprinklers and drip projects) 6. Land care projects gulley rehabilitation, soil and water conservation works design 7. Terrain planning of civil works 8. Geotechnical investigations for infrastructure development projects 9. E.I.As for infrastructure projects 10. Dairy Projects designs (Infrastructure layout plans for Herringbone and tandem systems) 6 and 12 points 11. Horticultural Tunnels and Greenhouses design (300m²) 12. Luscious Agro processing (Fruit processing lines) 13. Piggery production structures (furrow to finish) 20, 30, 50 and 100 sow units complex 14. Farm structures planning and design (Offices, machinery, stores) 	<p>North West Department of Agriculture (DARD) Subcontracted by GOBENG Consulting</p>	<p>Infrastructure cost: R45 million</p> <p>Professional Fees: @5% of Infrastructure fees</p> <p>Project Duration: (13/14) (14/15)</p> <p>Projects Status: Still ongoing</p>



PROJECTS IN WHICH OUR CONSULTANTS HAVE WORKED ON		
B) Blouberg 500 cattle feedlot design and construction supervision Limpopo Province	Limpopo Department of Agriculture as Researcher of ARC-IAE	R5.5 million (08/10) Completed
C) Bojanala 500 cattle feedlot design and construction supervision North West Province	Bojanala Platinum District Municipality as Researcher of ARC-IAE	R6,8 million (10/11) Completed
D) Mpumalanga Department of 1. Agricultural Provincial Livestock Development projects initiative 2. Irrigation system development 3. Farm structures rehabilitation plans 4. Maize mills rehabilitation plans 5. AgriHub development plans 6. Water and civil works for farms	Mpumalanga Department of Agriculture (DARDLA) as Departmental Engineers	R12.5 million (11/13) Completed
E) DARDLA Nkangala District Dr J.S Moroka Irrigation fields support Infrastructure (Administration and Machinery shed and other support infrastructure)	Mpumalanga Department of Agriculture (DARDLA) as Departmental Engineers	R8.4 million (11/13)
F) Development of Farm Structures Standard Plans for Provincial Departments of Agriculture. Project involved research and development of standard plans for farm structures for Free State, Northern Cape, Eastern Cape and Limpopo departments of Agriculture: The plans which were developed includes; 1. Beef cattle handling facilities: Sizes - 40,100 and 500, 2. Feed storage units standard: Sizes - 60 and 100m2, 3. Piggery units: Sizes - 20,50 and 100 sow units 4. Dairy cattle systems: Sizes - 4 & 8 point herringbone 5. Broiler units : Sizes - 1000, 2000, 5000 and 10000 units 6. Goat facilities: Sizes - 100 and 200 goats facility	Comprehensive Agricultural Support Programme- Various Provincial Departments of Agriculture: as Researcher for Agricultural Research Council-Institute for Agricultural Engineering	R5.7 million (08/11) Completed
G) Design and construction of a Radio Frequency Identification (RFID) Based cattle handling system	As a Researcher for Agricultural Research Council - Engineers	R200k (11/13) Completed



Resources

Director and Chief Engineer

Tendai Justin Mutenje, Pr. Eng (Agric), MSc. Eng (Agric), MSAIAE, MASABE, E.C.S.A Registered Mentor **CU2014014A**

Managing Director and Bookkeeper

Fortunate Nyemba, BBanking, Bookkeeping to Trial Balance Skills Program, IOB

Technical

1. **Musa Chinyangana**: Senior Engineer, MSc Eng
2. **Ereck Chibuwe**: Senior Engineer, MSc Eng
3. **McJoseph Ngwerume**: Senior Engineer, MSc Eng
4. **Tapiwa Chota**: Professional Architect
5. **Isaac Makandwa**: Irrigation Engineer, MSc
6. **Aaron T Chanetsa**: Engineer
7. **Tongesai Muchoza**: Engineer
8. **Bismark Sigauke**: Engineer
9. **Bernard Madziwa**: Environmental Expert
10. **Hardlee Mbavarira**: Hydrological and Water Specialist
11. **Tafadzwa Dzimbahete**: Engineering Geotechnical Investigation Expert
12. **Innocent Nyemba**: Technician
13. **Stewart Nyemba**: Technician
14. **Tonderai Nyamupenza**: Technician
15. **Kudzai Mutenje**: Operations Research Scientist
16. **Allaric Joseph Mabhuza**: Technician

External Technical Consultants

1. Agricultural Research Council-Institute for Agricultural Engineering (ARC-IAE) Webb: www.arc.agric.za
2. Phillip Henning Pr. Eng (40Years Experience): **Senior Mentor**

Design/Software Platforms

Luriware makes use of the following packages in their design processes:

1. AutoCAD
2. Revit Architecture
3. Revit structures
4. Revit M.E.P
5. Prokon
6. Civil 3D

The firm makes use for **BILL** and **Conan** software from CivilSoft ® for Estimates, Bills of Quantities and Payment certificate generation/production.



Equipment/Facilities

Luriware has its office in Weavind Park Pretoria equipped with design facilities. The firm has company vehicle, GPS facilities, cameras, Laptops, Printers and Plotting equipment is equipped to deal with project-related facilities and equipment needed to satisfy the requirements of our Clients at any time.

Support and Specialist Services Input

The firm is equipped to undertake works of geotechnical, structural, health and safety and/or environmental categories via specialist service providers that the firm has established excellent working relations with. The firm also has accounts with support and administrative organisations, e.g. stationary, Courier Services, Travel Services, etc. which can be made use of via project-related expenses.



Contact us

Luriware (Pty) Ltd Consulting Agricultural Engineers can be contacted as follows:

Postal Address

133 De Bruyn Street, Weavind Park
Pretoria
0184

Physical Address

133 De Bruyn Street, Weavind Park
Pretoria
0184

Contact Numbers

+27 (0) 12 804 6600 (t)

+27 (0) 86 604 5921 (f)

+27 (0) 71 217 9756 (c)

Email: info@luriware.co.za, engineering@luriware.co.za tendai@luriware.co.za

Web: <http://www.luriware.co.za> <http://wwwluriware4.wix.com/luriware>

Conclusion

Luriware is a capable and dedicated multi-disciplinary management consultancy with the correct solution-based approach in meeting and exceeding our Client's expectations.

Our experienced and focussed team are well placed and equipped and contain the correct experience and qualifications to carry out their functions with diligence and skill. It is our vision that Luriware may be of service to all prospective Clients in the Private, Professional and Public sector.

Please direct all enquiries and/or requests for additional information to Luriware on the details provided above and let us provide you with excellent service, proving our motto of "Development you can trust. . ."



ANNEXURE A – SHAREHOLDING

Name	Competence	% Shares	% Voting	PDI ?	Woman ?
Tendai Justin Mutenje	Chief Engineer, Director	100	100	Yes	No
Totals		100	100		

Summary of credentials

Legal Entity Name : Luriware (Pty) LTD
Trading Name : Luriware Consulting Agric Engineers
SMME Classification : Small (<http://www.dti.gov.za>)
B-BBEE ScoreCard : Level 4 Contributor
Company Registration Number : 2012/047395/07
Tax Number : 9320764179
VAT Number : 4400264893
Compensation Fund Number : CA990000891263 BP 2001357203
UIF Number : 2225733/0
ECOSA CU : CU2014014A
PAYE : 7790786430



ANNEXURE B – PROFESSIONAL AFFILIATIONS

Name / Description	Affiliation	Reference No
Tendai Justin Mutenje (Pr. Eng) ECSA Registered Mentor CU2014014A	Engineering Council of South Africa (ECSA) Pr.Eng	20130517 CU2014014A
	South African Institute of Agricultural Engineers (SAIAE) Member	08001
	American Society of Agricultural and Biological Engineers (ASABE) Member	M 1041831



ANNEXURE C – PROJECT / EMPLOYMENT REFERENCES

Client	Project	Reference	Tel No
GOBENG Consulting: PMU North West Department of Agriculture	Agricultural Infrastructure Projects Inception, Planning and Design	Mr. Odry Beyi (Program Manager: Gobeng Consulting)	+27 (0)61 067 3168
Mpumalanga Department of Agriculture (DARDLA)	Nkangala Projects Inception, Planning and Design	Mr Mahlatse Mamabolo (Engineer: Nkangala)	+27 (0)83 403 6349
Mpumalanga Department of Agriculture (DARDLA)	Engineering and PMU Projects	Mr Marco Scheltens (Director PMU)	+27 (0)83 282 2383
Agricultural Research Council – Institute for Agricultural Engineering Projects (ARC-IAE)	Various Agricultural Infrastructure Design and Implementation Projects	Mr Petrus Britz (Programme Manager: Agricultural Infrastructure and Engineering Structures)	+27 (0)12 842 4311
* Refer to “Experience”, pg 5			



Luriware (Pty) LTD
ANNEXURE D – BANKING DETAILS

Bank	:	ABSA Bank
Branch	:	Silverton Branch (Pretoria)
Branch Code	:	632005
Account Number	:	9288508271
Account Name	:	Luriware (Pty) LTD
Account Type	:	Savings Account



ANNEXURE E – COMMUNITY DEVELOPMENT ACTIVITIES

ITEM	STAKEHOLDER	EVENT	CONTRIBUTION
1	South African Institute of Agricultural Engineers (SAIAE)	Symposium and Biennial CPD Event 2-7 November 2014	EVENT MAJOR SPONSOR
2	Matric Students: Selected Pretoria School	Matric Students Engineering Presentations Competition 2014	EVENT SPONSSOR
3	Matric Students from Pretoria (2 students)	Presentation and attendance of the SAIAE Symposium and Biennial CPD Event 2-7 November 2014	LEARNERSHIP SPONSOR TOUR
4	ECSA CANDIDATE ENGINEERS	Junior Candidate Engineers Mentorship Programme	Mentor
5	RURAL FARMERS	Farm Infrastructure Planning Assistance to Rural Community Farmers	Mentor and Technical Consultant



ANNEXURE F – Design Showcase



Figure 1 Design sketch showcase



Figure 2 Virtual design prototypes and constructed infrastructure



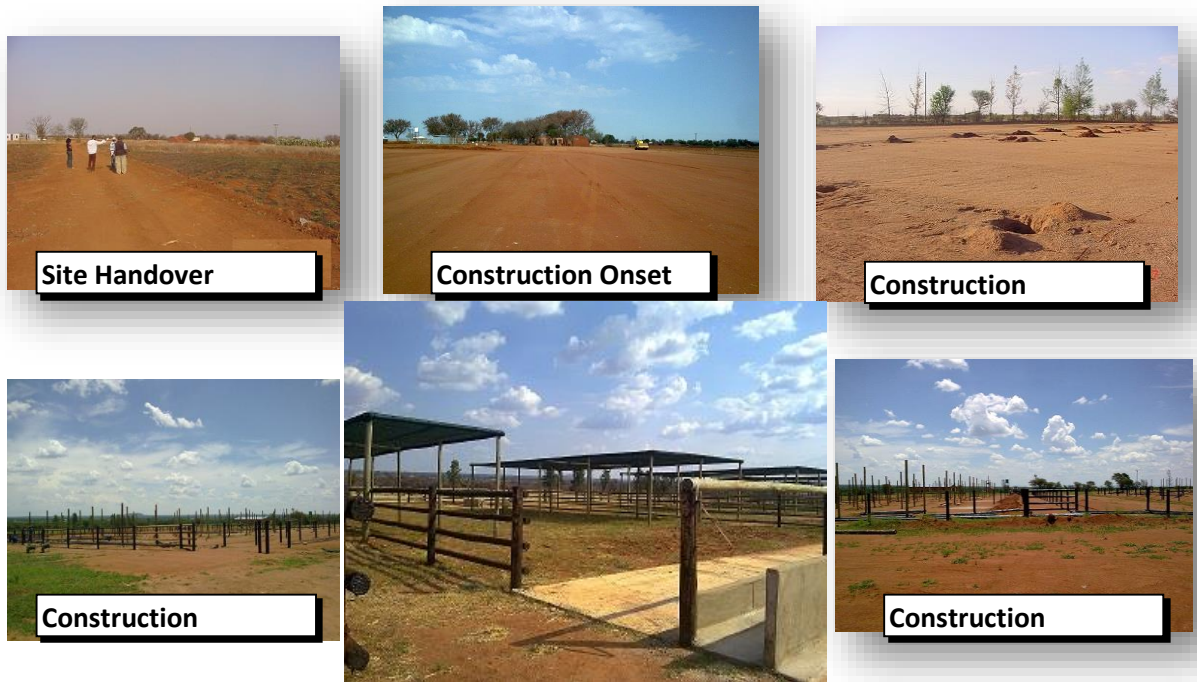


Figure 3 Feedlot project in pictures

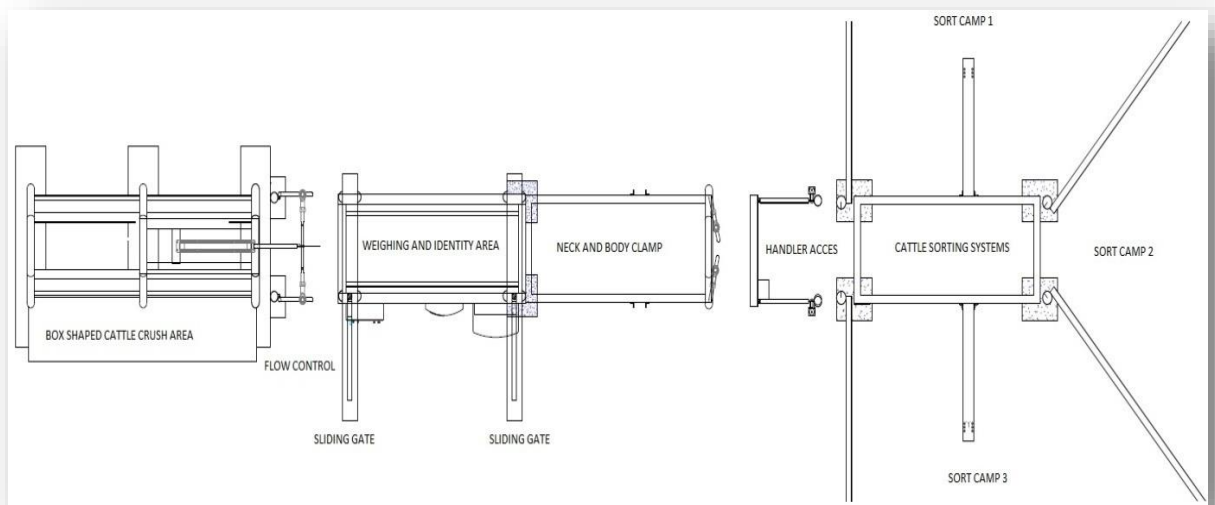


Figure 4 Layout facilities design



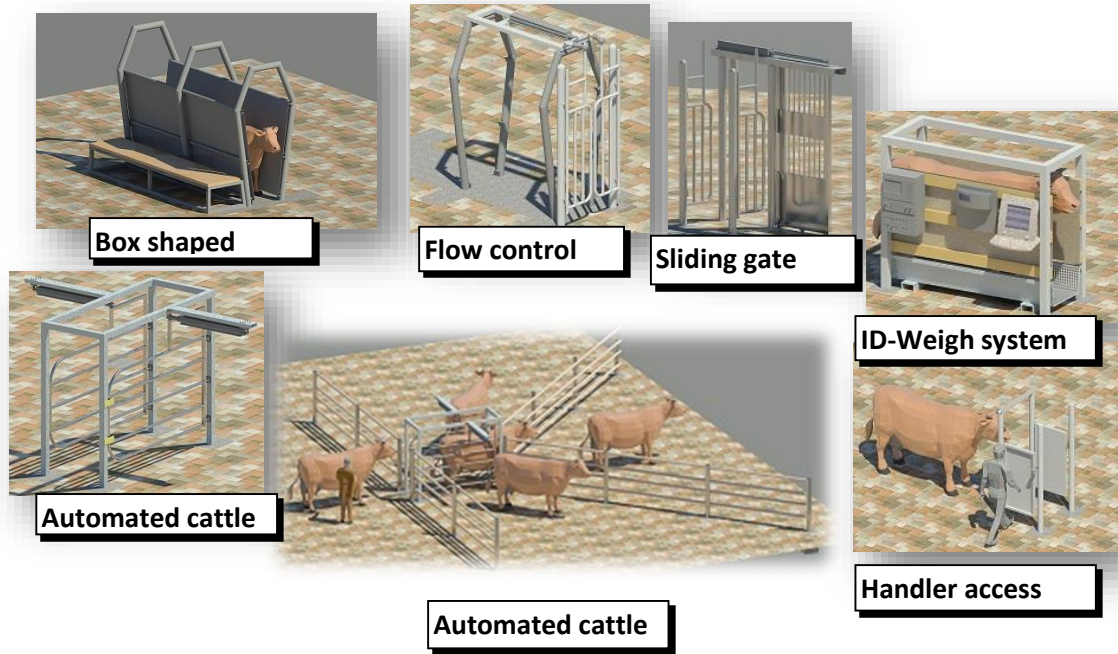


Figure 5 RFID Cattle facility prototype design



Figure 6 Constructed prototype