Making a significant and positive impact in the lives of people
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ABOUT US

LITHON HOLDINGS

Lithon Holdings is a group of companies specialising in innovative engineering and sustainable development. Our extensive offering ranges from consultation, conceptualisation, research and development planning to seamless project management and efficient execution. Our highly experienced team leverages a diverse skill set to expertly undertake all aspects of any multi-disciplinary project.

Our areas of expertise include Agricultural, Civil, Electrical, Mechanical, Structural, Transport, Agricultural, Mining and Industrial Engineering, as well as Project Management and Development.

BUILDING WITH PURPOSE

Lithon is a company with a clear purpose: to make a significant and positive impact in the lives of people and communities. Our wealth of engineering expertise coupled with a passion for humanity enables us to not only develop innovative solutions for our clients but also create meaningful benefits for society as a whole.

We follow a holistic engineering approach with the emphasis on building infrastructure, creating opportunities, improving quality of life and enabling wealth creation. With a focus on sustainable development, all of our projects are designed to use resources with the greatest of care, improve energy efficiency, avoid waste, and uplift the communities in which we operate.

WORKING TOGETHER FOR A BETTER WORLD

Our people are the heart of our business. More than simply being technically qualified, they share our passion for doing good and helping to build a better world. Together, we are guided by our unifying purpose and values of integrity, excellence, service, loyalty, respect, generosity, and being people focussed. Our dedicated team of more than 30 people serves clients from our offices in Namibia, South Africa and Ghana.

I have seen farther than others, it is because I was standing on the shoulders of giants.

ISAAC NEWTON
OUR PURPOSE

TO MAKE A SIGNIFICANT AND POSITIVE IMPACT IN THE LIVES OF PEOPLE

OUR VALUES

PEOPLE FOCUS
Expressed through showing real care and giving priority to relationships.

EXCELLENCE
Expressed through doing everyday life with pride. Devoted to inspire, initiate and improve.

INTEGRITY
Expressed through being honest, trustworthy and accountable.

SERVING
Expressed through an attitude of willingness to help and being reliable in service.

LOYALTY
Expressed through commitment to the purpose and values of the company and those that pursue it.

RESPECT
Expressed through honouring people and processes, affording dignity for all people.

GENEROSITY
Expressed through focussed investment.
OUR STORY

A JOURNEY OF POSITIVE IMPACT AND INSPIRING SUCCESS

Lithon Established
Lithon is founded by Adriaan Grobler in Oshakati, Namibia. The company is mostly focused on project management and civil work.

Lithon Windhoek
Lithon opens its second office in Windhoek with a structural, electrical and mechanical division that makes it a fully multi-disciplinary engineering firm.

Lithon Windhoek
Lithon Windhoek

Agricultural Engineering
Lithon expands its services to include Agricultural Engineering in October 2009.

Lithon Mining
Lithon expands its services to include Mining in early 2010.

Lithon Mining
Lithon Mining

Lithon Transport Engineering
Lithon further expands its services to include Transport Engineering.

Lithon Developers
Lithon Developers is established in April 2012.

Lithon Developers
Lithon Developers

Lithon Project Consultants; South Africa and Lithon Foundation
Lithon expands to Johannesburg, South Africa and the Lithon Foundation is established.

Lithon Developers
Lithon Developers starts operations in February 2015.

Lithon Developers
Lithon Developers

Lithon Ghana and Lithon Business Operations Consulting & Technologies
Lithon Ghana and Lithon Business Operations Consulting & Technologies are established in 2018.

Lithon’s Strategy
Lithon’s long-term strategy is to continue to expand globally as business grows, and as we find the right people to join our company.

Lithon’s Strategy
Lithon’s Strategy

2002

2004

2009

2010

2011

2012

2014

2015

2018

2020
# MEET THE TEAM

The Boards are responsible for all statutory functions relating to companies, including company strategy, policy-making and overall management. The Executive Directors are responsible for the day-to-day management of Lithon’s operations.

The auditing firm for the company is SGA Chartered Accountants and Auditors.

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<th>Name</th>
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<tr>
<td>ADRIAAN GROBLER</td>
<td>Pr Eng, B Eng (Civil), MPhil Development Finance</td>
<td>Founder &amp; CEO: Lithon Holdings; CEO: Lithon Project Consultants (Namibia); Director: Lithon Project Consultants (South Africa); Director: Lithon Developers; Director: Lithon Ghana</td>
</tr>
<tr>
<td>GERT MARITZ</td>
<td>Pr Eng, M Eng (Civil)</td>
<td>CEO: Lithon Project Consultants (South Africa); COO: Lithon Project Consultants (Namibia); Director: Lithon Holdings; Director: Lithon Developers</td>
</tr>
<tr>
<td>GERT GROBLER</td>
<td>B Sc Financial &amp; Actuarial Mathematics, Associate of Institute and Faculty of Actuaries</td>
<td>CFO: Lithon Holdings</td>
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<tr>
<td>LAMECH MWANYANGAPO</td>
<td>Diploma in Massa Communication and Information Technology</td>
<td>Non-Executive Director: Lithon Holdings</td>
</tr>
<tr>
<td>SET-SON SHIFIDI</td>
<td>Inc Eng, MSc Eng (Electrical) MBA</td>
<td>Director: Lithon Project Consultants (Namibia)</td>
</tr>
<tr>
<td>SCOTT RICHARDS</td>
<td>PMP, PrCPM, MBA, BSc. Eng (Civil)</td>
<td>Director: Lithon Project Consultants (Namibia)</td>
</tr>
</tbody>
</table>
BARNABAS UUGWANGA
BSc Eng (Mining)
Non-Executive Director: Lithon Project Consultants (Namibia)

AMBASSADOR TONATA ITENGE-EMVULA
MBA
Non-Executive Director: Lithon Project Consultants (Namibia)

FRIKKIE HOLTZHAUSEN
Inc Eng, N Dip (Civil) MBA
Non-Executive Director: Lithon Project Consultants (Namibia)

ADRI GROBLER
BA Hons (Urban Geography)
Finance and Administrative Manager: Lithon Project Consultants

MIKE TAYLOR
MBA Finance and Banking
CEO: Lithon Ghana

MARSIA REED
B Com
CEO: Lithon Foundation

Teamwork makes the Dream work.

JOHN MAXWELL
LITHON SUBSIDIARIES - LITHON DEVELOPERS

TRANSFORMING IDEAS INTO DEVELOPMENTS

Lithon Developers is a development agency. Our services include identifying development opportunities, planning and managing our own developments and joint ventures, and providing expert consultancy services for residential, commercial and industrial developments.

SERVICES

RESIDENTIAL DEVELOPMENT

INDUSTRIAL DEVELOPMENT

COMMERCIAL DEVELOPMENT
FEATURED PROJECT

Development of 30 middle income houses with about 600m² plots. Starting off with phase 1 consisting of 12 plots. House types ranging from 1 Bedroom House to 3 Bedroom House.

Services provided:
Project Management;
Inception;
Legal Review (ownership);
Concept Planning;
Environmental;
Feasibility;
Sales and Marketing;
Legal / Statutory Requirements (including Town Planning);
Design;
Tender; and
Construction.
LITHON PROJECT CONSULTANTS | MULTI-DISCIPLINARY CONSULTING ENGINEERING

TURNING AMBITION INTO ACHIEVEMENT

Lithon Project Consultants offers multi-disciplinary engineering consulting services that enable us to bring clients’ innovative development ideas to life. Our highly qualified team leverages state-of-the-art technology and a wealth of expertise to provide project management services, design and technical documentation, construction supervision and administration for a wide range of multi-disciplinary development projects.

We are also able to offer specialist services such as geotechnical investigations, quantity surveying, land surveying and other associated disciplines.
SERVICES

PROJECT MANAGEMENT

Extensive experience and a dedication to excellence enable our highly qualified project management team to seamlessly facilitate even the most expansive engineering projects from concept to completion.

Our dedicated Project Management Office (PMO) provides the following services:

- Ensuring overall execution, management and delivery of a project;
- Managing project scope, budget, schedules and quality control;
- Establishing and facilitating project-level governance;
- Providing leadership to the project team;
- Project documentation and record keeping;
- Planning, allocating and managing project activities;
- Tracking and reporting project progress;
- Dispute resolution, mediation and arbitration; and
- Development of feasibility studies.

The Governments of Namibia and Germany agreed to implement the Namibian-German Special Initiative Programme (NGSIP) aimed at developing projects in areas and for communities that have historic ties with German colonial government and which the present German Government considered to be a special moral and historical responsibility. The Namibian government identified beneficiaries from the Erongo, Hardap, Karas, Khomas, Kunene, Omaheke and Otjozondjupa regions. The program was funded by the KfW and implemented by the Project Management Team (PMT).
TRANSPORTATION AND AIRPORTS

Specialising in road, airport and rail infrastructure, our dynamic team expertly navigates the entire process from feasibility studies and planning to construction supervision and project management.

- Design services (geometric, pavement and hydrology);
- Aviation engineering and services;
- Railway engineering;
- Traffic engineering (roads and airport master plans);
- Road and pavement design and rehabilitation;
- Transportation, pavement and bridge management systems;
- Hydrology and drainage infrastructure (bridges, culverts and storm water reticulation);
- Public transport planning;
- Highway and road design (urban and rural);
- Parking and pedestrian facilities;
- Geological and geotechnical analysis; and
- Site investigations and feasibility studies.

Supervision services include full-time and part-time supervision of transportation construction projects with proper quality assurance procedures being applied.

FEATURED PROJECT

OPUWO - SESFONTEIN

Upgrading a 75 km long section of the existing gravel road between Opuwo and Sesfontein to bitumen standards.

Services provided:
- Client Liaison;
- Material and Road Centreline Investigations;
- Pavement Designs;
- Hydrology Designs;
- Contract Administration & Reporting; and
- Construction Supervision.
CIVIL ENGINEERING

Our comprehensive civil engineering services encompass all township and municipal requirements. Using state-of-the-art technology, our expert team develops sustainable and practical solutions to create spaces where people, communities and industries can thrive.

Township and municipal services:
- Transportation and road infrastructure;
- Bulk earthworks and landscaping;
- Site works for residential, commercial, industrial and institutional developments;
- Sports facilities, recreational areas and parks; and
- Housing developments and urban development.

Water resource planning:
- Water distribution and storage infrastructure;
- Municipal wastewater and potable water treatment;
- Rural water supply and sanitation;
- Sewerage reticulation and pump stations;
- Storm water retention and management;
- Irrigation and agricultural applications; and
- Applied hydrology.

FEATURED PROJECT

Design, tendering and the construction of municipal services and infrastructure.

Services provided:
Design;
Tendering;
Contract Administration;
Project Management; and
Construction Supervision.
ELECTRICAL ENGINEERING

Our dynamic team can assist with any project requiring electrical systems study and design across all voltage levels, namely HV (High Voltage), MV (Medium Voltage) and LV (Low Voltage). Our expertise also extends to communication systems, security systems, process control and instrumentation.

- Substations;
- Transmission lines;
- Reticulation networks;
- Low-cost reticulation systems (including rural electrification);
- Municipal management services;
- Earthing and lightning protection; and
- Energy studies and management.

We also have expertise in different types of renewable energy systems, starting from feasibility studies to implementation at scale.

FEATURED PROJECT

OTJIWARONGO HEROES & FREEDOM PARK

The project entailed the provision of Municipal Services for Heroes & Freedom Park, Otjiwarongo:

The contract comprised the construction of sewer & water reticulation, storm water channels/drifts, earthworks, construction of gravel roads, concrete works and the provision of electrical services.

Lithon was appointed to do all designs related to the provision of municipal infrastructure (water and sewer infrastructure, roads, storm water and electricity). The procurement, contract administration and construction supervision functions were carried out by Lithon from Inception to Completion.
MECHANICAL ENGINEERING

Our team leverages many years of experience along with the application of engineering, physics, mathematics, thermodynamic and material science principles to provide optimised solutions across a broad range areas.

- Fire protection systems;
- Heating, ventilation and air-conditioning systems (HVAC);
- Refrigeration (cold and freezer rooms);
- Pump stations of various types;
- Internal and external water reticulations;
- Industrial kitchens;
- Liquefied Petroleum Gas (LPG) systems;
- Incinerators;
- Escalators and lifts;
- Grid-tied solar photovoltaic (PV) systems;
- Solar water heating; and
- Fuel forecourt (fuel stations).
We also regularly assist with obtaining compliance from local authorities for developing and existing properties as follows:

- Managing stakeholders;
- Managing and resolving issues and risks;
- Coordinating cross-functional technical teams;
- Ensuring completion of the technical deliverables within the time constraints; and
- Monitoring and reporting project health and status.

FEATURED PROJECT

Design and installation of Mechanical and Electrical services for the new hostel facility’s buildings which consisted of six dormitories, superintendent’s and chief matrons’ houses, service block, dining hall and kitchen. These services included internal potable water, fire protection, thermal (solar) water heating, air-conditioning & ventilation, refrigeration, LPG, kitchen equipment, diesel generator and electrical reticulations.

Services provided:
- Preliminary designs and estimates of all Mechanical and Electrical works;
- Design of all Mechanical and Electrical works;
- Contract documentation and procurement; and
- Construction supervision.
STRUCTURAL ENGINEERING

Our accomplished team of structural engineers and technicians holds a successful track record for conceptualising, designing, detailing and analysing innovative steel and concrete structures.

We pride ourselves on continuously producing well-designed and practical structures of the highest quality without the need for excessive, unnecessary or costly reinforcements.

We offer the following project skills:

- Foundations and basements;
- Materials technology;
- Property development;
- Residential, commercial, educational, institutional, manufacturing, public and leisure buildings;
- Industrial projects;
- Solar power instrumentation housing structures;
- Reservoirs, water towers and water storage structures;
- Agricultural structures;
- Sporting facilities;
- Bridges (road, rail, pedestrian and water);
- Inspection and rehabilitation of structures; and
- Operation and maintenance management of buildings.

FEATURED PROJECT

The Riverport Development is a newly constructed mixed-use (residential and commercial units) for FaanberghWinckler Projects. This development comprises of 82 residential flats with a total floor area of 5845 square metres. The commercial units are located on ground floor, and totals to a floor space of 661 square metres. For this development, a total of 130 basement parking bays were incorporated into the design. Civil, Structural, Electrical design, details and supervision inspections.
INDUSTRIAL ENGINEERING

Our industrial engineering solutions leverage mathematical and scientific problem-solving skills to address specific problems encountered by enterprises in any industry.

From manufacturing and banking to construction and beyond, we help build, develop and optimise businesses to achieve the following outcomes:

- More efficient and profitable business practices;
- Optimised people, processes and systems; and
- Safer and more effective work environment.

FEATURED PROJECT

Services provided by staff within the assignment:
- Project management of Agra-ERP Systems implementation;
- Manage and coordinate between client and IT Solution Implementer.

SAGE X3 ERP SYSTEMS IMPLEMENTATION AND PROJECT MANAGEMENT

Lithon Project Consultants
MINING ENGINEERING

Our team of experienced mining engineers and specialist sub-consultants provides a comprehensive range of cost-effective services from feasibility studies, exploration and evaluation through to full implementation of mining projects for both greenfield and brownfield projects. Our multi-disciplinary engineering offering includes all local on-site infrastructure and bulk off-site infrastructure for water, roads, rails, electricity and mechanical services.

- Pre- to bankable feasibility studies;
- Exploration and evaluation;
- Mine development and design; and
- Production and rehabilitation.

FEATURED PROJECT

HUSAB MINE ACCESS ROAD

Bankable feasibility study, design and construction of a new 22 km long surfaced road and a 160 m long bridge over the Khan River. The first 4km section is over a relatively flat terrain before descending into moon landscapes, with rough terrains consisting of solid granite rock, which constituted massive blasting operations. 10 km of the route runs within tributaries of the Khan River, with 3 km within the Khan River itself. The section within the river is positioned on the northern embankment of the river, and is protected with gabion boxes and mattresses over the entire length. The last 3km of route is on the relatively flat Welwitchia plains.

All storm water infrastructure on the project was done by a labour based SME contractor. The bridge over the Khan River is the longest bridge constructed in Namibia since independence. The bridge was designed for a single carriageway road and comprises 8 simply supported 20 m long deck spans, carried on solid circular reinforced concrete piers with deep piled foundations within the river bed.

Services provided:
Bankable Feasibility Study, Project Management, Client liaison, Material and road centreline investigations; and Geometric & Pavement Designs, Contract administration, Contract documentation and procurement, Construction supervision.
**AGRICULTURAL ENGINEERING**

Our passionate team strives to create and nurture environmentally sustainable agricultural developments by applying their combined experience across a full range of multi-disciplinary engineering skills. These include the technological disciplines of mechanical, civil, electrical, structural and chemical engineering with an in-depth knowledge of agricultural principles.

Our services include the design of infrastructure, equipment, processes and buildings for agronomic production, while ensuring the responsible use of resources and long-term sustainability.

**FEATURED PROJECT**

Professional services for the design, preparation of tender documents, procurement evaluation and construction supervision and project management of Ndonga Linena Irrigation project Phase Two.

Multi-disciplinary Engineering, Detailed Design and Construction Project Support for a 540ha irrigation scheme in the North of Namibia. The scope entails all infrastructure requirements (river pump stations, booster pump stations, electrical reticulation, access roads, new buildings, sheds, cooling rooms and housing) and suitable irrigation configuration selection to maximise crop production. Interfaces with existing infrastructure and utility connection upgrades and community participation and consultation also formed part of the project brief.

11kV Reticulation, low voltage feeds to the pivots, River and Booster Pump Station Designs including all MCC's VSD’s, PLC’s, Pumps and Piping to supply the 500ha scheme with power and pumping facilities.
Proper research and feasibility studies are fundamental to the success of any project. Our extensive services include needs analysis, pre-feasibility studies and bankable feasibility studies in various fields including infrastructure development, industrial, logistics, transportation and trade-off studies between various transport options especially in the mining sector, as well as commercial and residential development projects.

We are well versed with the criteria for performing the above studies where international funding is provided, such as the EU-Africa Infrastructure Trust Fund, KfW, the African Development Bank and GIZ.

We further offer flood line analysis studies, inundation studies, hydraulic modelling, situation assessment and optimisation of sources and bulk supply infrastructure, Spatial Integrated Development studies and Structure Plans.

**FEATURED PROJECT**

**SEWER MASTER PLAN FOR THE TOWN OF OTJIWARONGO**

The assessment of the bulk water scheme was conducted in 2016 and a full assessment of assets, operational requirements and maintenance was done. Surveys and field work provided valuable base data which was used to forecast the demand on the water supply. The study provided planning data to the employer in order to plan for future systems and upgrades based on these demand figures and life cycle costing analysis. Future estimation included the CAPEX requirements to repair, upgrade and replace as well as operational costs, direct scheme costs and maintenance costs.

**Collection of Information**

This component entailed the project start-up and the collection of all relevant information via a desktop study.

**Detailed Terrain Survey and Field Investigations**

A detailed terrain survey and field investigation was carried out to obtain relevant information on all critical components of the sewer system.
LITHON FOUNDATION

BRINGING LOVE AND HOPE TO PEOPLE AND ORGANISATIONS THROUGH NETWORKING AND COLLABORATION

Lithon Foundation is registered as a Section 21 Company and Welfare Organisation with the Ministry of Health and Social Services.

Lithon Foundation’s strategy is to support, guide and strengthen individuals and organisations (Receivers) that are already making a difference in the lives of people and communities, in order to help multiply their influence.

We further network with and create a platform for interaction between likeminded people and organisations (Givers) through which we impact and uplift our community.

We connect these Givers and Receivers to each other, mobilising, synchronising and focussing resources to make a significant and positive impact in Namibia.
LOVE

People don’t care how much you know, until they know how much you care.

We identify and support individuals, organisations and projects that are making a difference in the lives of people and communities through mentorship and leadership by connecting and providing opportunities.

GIVE

You may give without loving, but you can never love without giving.

We secure sustainable local and international funding in order to meet the needs of identified projects. We also keep individuals and organisations accountable by ensuring that allocated funds are spent in a responsible manner, while helping to implement and maintain sound company governance.

GUIDE

If you light a lamp for someone, it will also brighten your own path.

We guide, support, assist and motivate identified individuals and organisations through funding, mentorship and leadership on an administrative, financial and management level.
LITHON FOUNDATION’S CURRENT INITIATIVES INCLUDE:

TRAINING OF WELFARE ORGANISATIONS

In partnership with organisations like NID (Namibia Institute of Democracy) and KAS (Konrad Adenhauer Siftung), we help coordinate training programmes for welfare organisations on finance, personnel, project management, social media marketing and more. Leadership training for business leaders includes guidance on their CSI and CSR activities.

DATABASE OF NAMIBIAN ORGANISATIONS

We compile a comprehensive database of all legally registered and vetted welfare, civil society and non-governmental organisations in Namibia to provide assistance and increase collaboration.
IMPACT FOR LIFE

Lithon Foundation provides administrative and financial accounting services to the Impact for Life organisation that is an umbrella organisation for Givers.

WELFARE EXPO

Our Welfare EXPO creates a platform for business, government and church to meet welfare organisations, and discuss relevant issues, share challenges and find opportunities for growth.
CONTACT INFORMATION

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