

GE^{BLUE}



ENGINEERING & SUPPLIES LTD

Clean Water, Healthy life



GEOBLUE ENGINEERING & SUPPLIES LTD is a water drilling company in Kenya with a wealth of experience in drilling boreholes.

Our aim is to provide quality, clean water and boreholes that can be well maintained and long lasting. We are a Class “A” water contractor certified by the Ministry of water and Irrigation.

GEOBLUE ENGINEERING & SUPPLIES LTD specializes in drilling & equipping residential & commercial boreholes from start to finish. We help home & commercial property owners save on municipal water bills by harnessing the natural underground water for their property.

With our experience within the borehole industry you can be assured that you are dealing with trusted industry leaders.

Our Vision

Achieve excellence and create a lasting impression.

Our Mission

To bring safe and affordable water to our communities and enriching lives.

Sectors

- Residential
- Commercial
- Agricultural
- Mining
- Industrial



OUR SERVICES

- Hydrogeological Survey
- Borehole Drilling
- Complete Borehole Equipping
- Civil Works (Water Storage Solutions)
- Borehole Maintenance
- Waterpan Construction
- Pumps & Equipments
- Street Lighting
- Solar Panels
- Solar Water Heaters

Hydrogeological Survey

Before borehole drilling there is need to conduct a Hydro-geological Survey in the proposed site. Generally groundwater is unequally distributed surveys ascertains suitable sites for exploration of significant quantities of groundwater before carrying out any drilling exercise. This ensures the best spot is selected according to the geological data and our clients' plan. The hydro-geological data, maps, graphs and cross-section profiles obtained from the hydro-geological survey are used in determination of important information such as estimation of drilling depth and Identification of stress areas.

Our hydrogeological studies team provides a range of services to help you anticipate groundwater challenges and develop solutions that suit your particular business.

- Aquifer characterization
- Groundwater wells inspection
- Groundwater catchment study
- Groundwater modeling
- Pumping and tracing tests
- Permeability tests
- Karst study
- Wells drilling management geothermy



Borehole Drilling

GEOBLUE ENGINEERING & SUPPLIES LTD have specialized Borehole Drilling Machines.

We are the leading borehole drilling company in Kenya, specializing in borehole drilling services, general construction, swimming pools, hydro geological survey among other water works.

With over 10 years of water borehole drilling, GEOBLUE ENGINEERING & SUPPLIES LTD has accumulated a wealth of information about ground formations, water quality, water quantity and depth of shifting in each specific area. With our special equipment, any formation for example alluvium (sand, round stones and gravel) can be drilled with ease.

All our machines are high pressure, and boreholes of 300 metres + can be drilled with ease. We have developed a unique system to perforate steel lining that has already been installed. This leaves greater room for the success of any borehole. In cases where water is not found in solid rock, perforation can occur and alluvial water can then be used.



Complete Borehole Equipping

Borehole Equipping is the most important stage in the borehole drilling process. At GEOBLUE ENGINEERING & SUPPLIES LTD we have a team of professionals who have equipped hundreds of boreholes across Kenya.

We provide complete installations of the borehole equipment from the power source right up to the bottom of the hole, with everything in between i.e. electrical cabling and connections, control box/panel, borehole motor, pump and pipe, protection panels, booster pumps etc.



Civil Works (Water Storage Solutions)

We build fixed-roof tanks, including cone roof tanks with internal floating roofs, open-top tanks with external floating roofs, tanks suitable for dome roofs and Sphere tanks.

Only the industry leader in water supply solutions, GEOBLUE ENGINEERING & SUPPLIES LTD, could bring you Elevated Water Tanks that incorporate the best features of bolted, welded and concrete construction into a superior Elevated Water Tanks design. At GEOBLUE ENGINEERING & SUPPLIES LTD, we listen to our clients and develop storage products and services that fulfill their needs.

Civil Works (Water Storage Solutions)

- Superior field performance
- Superior aesthetics
- Customized per client requirements
- Lowest maintenance requirements
- Highest shop-controlled quality available
- Superior, factory baked-on coating systems
- The best and safest field installation services available
- Lowest installed price for elevated water storage



Borehole Maintenance

Our fleet of vans are well equipped and ready to attend and resolve system and equipment failures at short notice. On those rare occasions where additional equipment is required GEOBLUE ENGINEERING & SUPPLIES LTD will normally have it available from our comprehensive stores and workshop facility at our depot, and if not, then we will always endeavour to source the necessary parts as quickly as possible.

All GEOBLUE ENGINEERING & SUPPLIES LTD installations and any site the company has visited are catalogued on our extensive electronic data base. Having this information at our fingertips helps to avoid any delays in responding to our clients needs, also forming part of our complete private water supply management. We offer borehole maintenance service in Kenya.



Waterpan Construction

We can insulate all types of dams, ponds, reservoirs, garbage and mine dumps with our geosynthetic plastic liners.

Our joints are double wedge welded or extrusion welded to prevent water leaks or soil contamination.



Street Lighting

Solar Powered street lighting is the modern solution to both municipal and private estates, though the lights have many other applications including factory yards, car parks and school compounds where night time illumination is required for vision or security. The reliable LED lamps are highly efficient using about 5% of the power of traditional incandescent alternatives as well as offering greatly extended life due to the much reduced operating temperatures.

Recognising these benefits GEOBLUE Solar street lights are available in Modular and All-in-One configurations and are specially engineered to provide a reliable, effective and long life lighting solutions. GEOBLUE installs and repairs street lights for utility companies and municipalities in new and existing residential and commercial areas.



Solar Panels

Solar pumping systems allow vital water resources to be accessed in remote rural Kenya. Solar water pumps require no fuel and minimal maintenance. Solar powered submersible pumps are used for wells, boreholes, water transfer, cattle & livestock watering and irrigation. Recently the price of solar pv modules has fallen dramatically around the world, making solar powered pumping systems increasingly affordable.



Solar Water Heaters

GEOBLUE ENGINEERING & SUPPLIES LTD offers complete solar water heating solutions for all applications. We offer products of high quality and enduring value which ensures healthy development of customer relationships. The products we supply and install are manufactured according to strict quality specifications and have received international technical certifications. We are certified Solar Water Heating Contractors, licensed by the Energy Regulatory Commission Kenya under the Energy ACT, 2012.

By offering top quality products and excellent backup service, we strive to achieve perfection in all aspects of our business. Our goal, looking towards the future of solar heating, is for each generation of our products to be substantially better than the last one and work with our clients and suppliers to make our systems more affordable, reliable and efficient. Heating water for various applications using clean renewable solar energy is a small step towards a big change that is required for sustaining our natural resources.



Water Towers

Field-erected vertical water tanks have become a popular solution for industrial needs such as potable water storage, wastewater treatment, chemical and fuel storage, as well as a variety of other applications in manufacturing, processing plants, airports, and other facilities due to their versatility.

Our strong in-house team of engineers enable us to seamlessly interact and provide comprehensive design and fabrication services for all your needs. GEOBLUE ENGINEERING & SUPPLIES LTD constructs high-quality, field-erected vertical water tanks up to 500,000 gallons. Our field personnel uses innovative approaches and can handle any tank, whether it's one that's installed inside an existing structure or one that's too big to ship.

GEOBLUE ENGINEERING & SUPPLIES LTD has the expertise and experience, as well as highly qualified staff, innovative equipment, and a company-wide dedication to doing our best for our customers, when it comes to field constructed vertical water tanks.



Projects Undertaken(Hydrological Survey)





Projects Undertaken(Drilling)















Projects Undertaken (Test Pumping Services & Rehabilitation)















Projects Undertaken(Installation)



Projects Undertaken(Water Towers)



Mwingi Installation



Salvation Army Thika





Projects Undertaken(Solar Water Heaters)



Projects Undertaken(Solar Works)







Environmental, Health and Safety

We prioritize the health and safety of our employees, clients, and the communities we serve. Our HSE policies are designed to minimize risks and ensure a safe working environment. Additionally, we are dedicated to environmental stewardship, implementing practices that reduce our ecological footprint. Here at Geoblue Engineering we implement different policies to ensure safe, sustainable and compliant operations such as:



- *Environmental Policy*
- *Health and Safety Policy*
- *Hazardous Materials Management Policy*
- *Occupational Health and Safety (OHS) Policy*

At Geoblue Engineering, the health, safety, and well-being of our people, the public, and the environment are at the core of our values. We are committed to creating a safe, healthy, and sustainable future through proactive measures, accountability, and a culture of continuous improvement.

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Krishna center, 4th floor , Room F13, Westlands

TEL: +254 798 102222 / +254 729 809 067

Email: geoblue.info@gmail.com

WEB: www.geoblue.co.ke