



COMPANY PROFILE

Marine Engineering • Vessel Rehabilitation • Industrial Services

Mwanza, Tanzania



MT Sangara returning to service on Lake Tanganyika following rehabilitation

Aquarian Project Solutions Company Limited

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About the Company

Aquarian Project Solutions Company Limited is a Tanzanian marine engineering and project delivery company, incorporated in 2023 and headquartered in Mwanza on the southern shore of Lake Victoria.

We build, rehabilitate, survey and maintain the vessels and marine infrastructure that keep Tanzania's inland waterways working. Our clients are vessel owners and operators, port authorities, government institutions, infrastructure developers and industrial operators — organisations for whom an idle vessel or an unverified channel is a direct and continuing cost.

The company was formed to close a specific gap. Tanzania's Great Lakes carry fuel, cargo, passengers and fish across some of the largest inland waters in the world, and the vessels doing that work require survey, structural steel repair, marine engineering and protective coatings from contractors who can physically reach them. Much of that capability has historically been concentrated at the coast — hundreds of kilometres and, in practice, several weeks away from a vessel that is losing revenue every day it sits alongside.

We built the alternative on the lake itself. Our crews mobilise from Mwanza to wherever the work is — Kigoma Terminal Port, Bulombora, Ukerewe, Bunda, or a berth on Lake Victoria — carrying the trades, the equipment and the materials needed to complete a scope rather than merely to assess it and return later.

An integrated scope of capability

Marine projects are rarely single-discipline. A vessel rehabilitation typically requires survey, naval architecture, structural welding, machinery overhaul, piping, electrical work, surface preparation, coatings, scaffolding, skilled labour and materials supply. Where each of those is contracted separately, every interface between them becomes a source of delay, cost variation and disputed responsibility.

Aquarian holds all of them in-house. A client contracts one company, agrees one scope, works to one schedule, and has one point of accountability. When a repair uncovers a defect the survey did not reveal, we can act on it within the same mobilisation rather than raising a variation and waiting for another contractor to arrive.

Registered, licensed and compliant

Aquarian Project Solutions Company Limited is incorporated under the Companies Act, 2002, holds current business licences for marine vessel fabrication and maintenance and for the supply of machinery and equipment, is registered with the Tanzania Revenue Authority, and is a contributing employer with the National Social Security Fund. Complete registration, licensing and tax documentation is set out in Section 9 of this profile.

What we do, in one sentence

We take vessels and marine infrastructure that are out of service, and we return them to work — surveyed, repaired, engineered, coated and documented — under a single contract.

A Word from the Managing Director

Tanzania's lakes are working water. The vessels on them move fuel into Kigoma, cargo across Lake Victoria, passengers between islands, and the daily catch that feeds and employs communities along every shoreline. When one of those vessels goes out of service, the loss is not only the owner's. It is felt along the whole chain that depended on it.

That is the standard we hold ourselves to. Our work is judged not by how a repair looks at handover, but by whether the vessel is still working reliably five years later — and whether the people who carried out that repair went home safely every day it took.

We founded Aquarian because too much of the marine engineering capability this country needs sat too far from where the work actually is. We chose to base ourselves in Mwanza rather than at the coast, and to invest in the full range of trades rather than subcontract them, so that a client with a vessel alongside in Kigoma is dealing with people who can be there and can finish the job.

I am proud to lead a team committed to excellence in shipbuilding, rehabilitation and marine engineering — and prouder still that the skills we are building are staying in Tanzania. Every project we deliver leaves more welding, survey and engineering capability in this country than it found.

If you have a vessel, a site or a scope that needs attention, I invite you to speak with us directly. We will tell you honestly what it needs, what it will cost, and whether we are the right people to do it.

Lilian P. Mahali

Managing Director

Mission, Vision and Values

Our Mission

To keep Tanzania's vessels and marine infrastructure safely in service — by delivering engineering, fabrication and survey work of a standard our clients can rely on without checking, and by building the local technical capability the sector needs to sustain itself.

Our Vision

To be the marine engineering contractor of choice across Tanzania's Great Lakes and the wider East African region — the company an owner calls first when a vessel is out of service and there is no margin for a job done twice.

Our Values

These five commitments govern how we price, plan and deliver every contract.

Safety without exception

Marine work is unforgiving — confined spaces, hot work, height and open water, frequently at the same time. No schedule, no client and no cost pressure moves the standard. Every crew member goes home.

Quality that survives inspection

The test of our work is not whether it looks finished. It is whether it satisfies a surveyor, an insurer and another five years of service on the water.

Integrity in the quote

We price what we can see and we state plainly what we cannot. If a scope is likely to grow, we would rather say so at tender than discover it together at sixty percent completion.

Skill built locally

We hire and train Tanzanian tradespeople. Every project is an opportunity to leave more welding, survey and engineering capability in the country than we found.

Responsiveness when it counts

A vessel out of service is a business losing money. We respond quickly, mobilise fast, and remain reachable throughout the job.

Core Marine Services

Our core business is marine: building, rehabilitating, surveying and maintaining vessels and floating plant. Each service below is delivered by our own supervised crews, to a written method statement, with documented handover.

1. Shipbuilding and Vessel Rehabilitation

Full-vessel overhaul and new-build fabrication for the craft that work Tanzania's lakes — fuel and cargo tankers, passenger and cargo vessels, pontoons and barges, workboats and artisanal fishing fleets.

- Pre-work condition survey, defect listing and thickness measurement
- Hull plate renewal, frame and stiffener repair, structural steel replacement
- Deck, superstructure, bulkhead and tank repair
- Engine room refurbishment and machinery overhaul
- Piping and electrical system renewal
- Sandblasting, surface preparation and full marine coating systems
- New-build fabrication of workboats, fishing craft, pontoons, barges and floating platforms
- Sea trial support and documented handover

2. Marine Survey, Inspection and Consultancy

Survey work written to be acted on — by an owner deciding whether to repair or replace, an insurer setting cover, a port authority verifying a dredged channel, or a buyer establishing value.

- Structural condition and damage surveys with corrosion mapping and plate thickness assessment
- Engine room and machinery inspection, fault diagnosis and remaining-life assessment
- Pre-purchase, valuation and pre-charter surveys
- Pre- and post-repair verification survey
- Post-dredge survey verifying achieved depths against specification
- Bathymetric and hydrographic survey for berth, channel and approach planning
- Geotechnical investigation — drilling, sampling, standard penetration testing and analysis
- Written reporting with photographic evidence, data and prioritised recommendations

3. Naval Architecture and Marine Design

Design and structural engineering directed by a registered Professional Engineer, grounded in the operating reality of Tanzania's lakes — the loading patterns, the weather, the ports and the maintenance capability actually available.

- Hull form, general arrangement and structural design
- Structural analysis under operating and damaged conditions
- Intact and damage stability assessment, loading conditions and operational limits
- Repair, conversion, modification and change-of-service engineering
- Fabrication drawings, structural details and supporting calculations
- Technical documentation for regulatory and class submission

4. Welding, Fabrication and Protective Coatings

Steel and paint are where a marine repair is won or lost. A weld that fails inspection puts the vessel back out of service; a coating applied over inadequate preparation fails within a season, and the corrosion beneath it is worse than before.

- Structural welding to marine standards — hull, deck, bulkhead and tank
- Hull plate renewal and insert plating
- Frame, stiffener and structural member repair and replacement
- Custom steel fabrication for marine and industrial applications
- Pipe welding and fabrication
- On-site, dry dock, slipway and afloat repair where conditions allow
- Sandblasting of hulls, tanks, pipework and structures
- Surface preparation to specified cleanliness standards
- Marine paint systems — anti-corrosive primer, intermediate, topcoat and antifouling
- Film thickness verification and coating records

5. Marine Engineering and Machinery

Structural repair returns a vessel to seaworthiness. Machinery work returns it to service. We cover the mechanical and electrical systems that determine whether a rehabilitated vessel actually earns.

- Main propulsion and auxiliary engine maintenance, repair and full overhaul
- Condition-led maintenance planning and fault diagnosis
- Precision alignment of shafting, engines, gearboxes and rotating equipment
- Piping system design, installation, repair, pressure testing and commissioning — fuel, ballast, bilge, cooling, hydraulic and process
- Marine and shore electrical systems — distribution, lighting, control, switchboards and instrumentation
- ICT and network installation for vessels and shore facilities

6. Project Management and Consultancy

Marine projects in this region fail on coordination far more often than on engineering. We manage projects to close those gaps before they open.

- Scope definition — converting a survey or brief into a costed, sequenced, buildable scope
- Programme and scheduling around real material lead times, slipway availability and weather windows
- Cost control, variation management and transparent reporting
- Procurement of steel, machinery, spares, coatings and consumables
- Competent site supervision with a named point of contact throughout
- Inspection and test planning, hold points and documented verification
- HSE management — method statements, risk assessment, PPE and safety supervision
- Technical due diligence, specification review and tender evaluation support
- Complete handover documentation

Supporting Capability

Marine projects rarely stay purely marine. The services below are delivered as part of a wider scope or contracted independently. Aquarian holds a business licence specifically for the supply of machinery and equipment.

Labour Supply

Skilled tradespeople for shipbuilding, marine works, dredging and heavy industry — welders, fitters, riggers, painters, electricians, machine operators and general crew. All personnel are supervised, PPE-equipped and deployed against a defined scope, whether supplementing a client workforce or delivering a complete package.

Supply of Spare Parts, Tools, Machinery and Materials

Marine and industrial spare parts; hand tools, power tools and workshop equipment; machinery and plant; steel, aluminium and fibreglass; cement and general building materials; marine paints and coatings; welding consumables; safety equipment and PPE; and ICT hardware. We source locally where it is faster and internationally where quality or availability requires it, and we are direct about which is which. For clients running maintenance programmes we can hold agreed consumables against call-off.

Electrical Engineering Services

Design, installation, testing and maintenance of electrical systems for industrial, commercial and residential premises — power distribution, lighting, control systems, switchboards and fault-finding.

Information Technology Installation

Setup and configuration of networks, hardware and software, together with supply of ICT equipment, for offices, industrial sites, port facilities and vessels.

Scaffolding and Access

Access scaffolding for construction, maintenance, repair, dismantling and complex engineering work — erected, inspected and dismantled to a safe working standard. Keeping access in-house removes one of the most common causes of schedule slippage on marine repair.

Sandblasting

Abrasive blast cleaning of hulls, pipework, tanks, structural steel and plant, removing rust, scale, marine growth, failed coatings and surface contamination in preparation for recoating.

Geotechnical Investigation

Subsurface drilling, sampling, standard penetration testing and laboratory analysis of soil and rock properties, establishing whether ground conditions can carry an intended structure. Delivered for marine and shore infrastructure siting.

General Cleanliness Services

Interior and exterior cleaning for industrial facilities, marine vessels, commercial premises and domestic properties — including post-construction cleaning, deep cleaning and scheduled maintenance contracts.

Project Track Record

Vessels returned to service, port infrastructure repaired, navigation channels verified and ground conditions established. The projects below are representative of our delivered work.

Project	Client	Location
Rehabilitation of MT Sangara	TASHICO	Lake Tanganyika
Pontoon rehabilitation	Bandwidth and Cloud Service Group	Kigoma Terminal Port
Structural arc welding, MV Musumba	—	Lake Tanganyika
Painting and protective coating, MT Sangara	TASHICO	Kigoma
Rehabilitation of fishing fleet	JKT Bulombora	Bulombora, Kigoma
Engine room inspection, MT Sangara	TASHICO	Lake Tanganyika
Geotechnical investigation	—	Bunda-Ukerewe, Mwanza
Post-dredge survey	—	Mwanza North Port

Rehabilitation of MT Sangara

TASHICO • Lake Tanganyika



MT Sangara required a comprehensive overhaul to restore operational efficiency and return the vessel to modern maritime standards. Aquarian delivered the rehabilitation as a single multi-discipline contract covering structural, mechanical and coatings work.

Scope delivered

- Structural survey and defect assessment across hull, deck and superstructure
- Hull plate renewal and structural steel repair
- Engine room inspection and machinery overhaul
- Piping and systems repair
- Complete surface preparation and marine coating system
- Sea trial support and documented handover

Outcome: The vessel returned to operational service on Lake Tanganyika.

Pontoon Rehabilitation, Kigoma Terminal Port

Bandwidth and Cloud Service Group • Lake Tanganyika



Loading and unloading operations at Kigoma Terminal Port depended on a pontoon whose structural condition and flotation had deteriorated. Aquarian rehabilitated the structure in place, working alongside continuing port operations.

Scope delivered

- Structural steel repair and reinforcement
- Reinforcement of flotation mechanisms and buoyancy chamber integrity
- Surface preparation and repainting
- Deck fittings and mooring arrangement repair

Outcome: The pontoon returned to stable, secure and fully functional service for loading and unloading operations.

Structural Arc Welding, MV Musumba

Vessel rehabilitation programme • Lake Tanganyika



As part of MV Musumba's rehabilitation, Aquarian carried out structural arc welding to the starboard side, restoring the structural integrity of the hull and returning the affected plating to a condition fit for continued service.

Scope delivered

- Assessment of affected starboard plating and structural members
- Removal of wasted and corroded steel
- Insert plate and structural member renewal
- Structural arc welding to marine standard
- Weld inspection and verification
- Surface preparation and protective coating of the repaired area

Outcome: Hull structural integrity restored on the starboard side.

Rehabilitation of Fishing Boats

JKT Bulombora • Bulombora, Kigoma



Aquarian restored, repaired and upgraded a fleet of small fishing vessels for JKT Bulombora, improving operational efficiency, safety and service life.

Scope delivered

- Condition assessment of each hull
- Structural steel repair and frame renewal
- Hull plating repair and replacement
- Surface preparation and protective coating
- Safety and compliance verification

Outcome: The fleet returned to fully functional, seaworthy condition in compliance with local maritime safety standards.

Engine Room Inspection, MT Sangara

TASHICO • Lake Tanganyika



A comprehensive engine room inspection to establish that MT Sangara's propulsion and power systems were operating efficiently, safely and reliably — identifying developing faults, recommending performance improvements and preventing failures before they occurred.

Scope delivered

- Main propulsion engine inspection and performance assessment
- Auxiliary engine and generator inspection
- Cooling, fuel, lubrication and exhaust system assessment
- Piping and valve condition survey
- Electrical and control system inspection
- Written report with prioritised findings and maintenance recommendations

Outcome: A prioritised maintenance programme delivered to the owner.

Geotechnical Investigation, Bunda-Ukerewe

Mwanza Region • February 2024



Aquarian carried out geotechnical investigation along the Bunda-Ukerewe corridor to establish subsurface conditions ahead of infrastructure design and construction. Working across wetland ground, the team completed drilling, sampling and in-situ testing to characterise soil and rock properties.

Scope delivered

- Borehole drilling across the investigation corridor
- Standard penetration testing at specified depths
- Soil and rock sampling
- Laboratory testing and analysis of material properties
- Geotechnical reporting with foundation recommendations

Outcome: Verified subsurface data provided to support foundation design.

Post-Dredge Survey, Mwanza North Port

Lake Victoria



Following dredging at Mwanza North Port, Aquarian conducted a post-dredge survey to verify achieved depths and assess the effectiveness of the dredging works against specification.

Scope delivered

- Bathymetric survey of dredged areas and navigation channels
- Comparison of achieved depths against design specification
- Identification of areas requiring further dredging
- Survey reporting with charts and depth data

Outcome: The port received verified data confirming that navigation channels met the required standard for safe vessel access.

Leadership and Organisation

Lilian P. Mahali — Managing Director



Miss. Lilian Petro Mahali
Co-founder of Aquarian Project Solution Company Limited

The Managing Director leads Aquarian's commercial direction, client relationships and operational delivery, holding responsibility for contracting, resourcing, financial management and overall project performance. She is the company's principal point of contact for clients and partners.

William Basiga, PEng(T) — Technical Director



A registered Professional Engineer in Tanzania, the Technical Director holds technical authority across survey, naval architecture, structural repair and marine engineering. He is responsible for engineering standards, technical specification, quality assurance and sign-off on every contract the company delivers.

Delivery Structure

Each project is assigned a named supervisor who is present on site for the duration of the works and who acts as the client's single point of contact. The supervisor reports to the Technical Director on engineering matters and to the Managing Director on commercial and schedule matters. Trade teams — welding and fabrication, machinery, coatings, electrical and survey — are drawn from our own workforce and supplemented from our supervised labour pool as scope requires.

Health, Safety, Environment and Quality

Every scope of work is delivered against a written method statement and a task-specific risk assessment. Personal protective equipment is issued and its use enforced without exception. A competent person supervises all hot work, confined space entry, work at height and over-water operations.

Quality is verified rather than assumed. We work to inspection and test plans with defined hold points, photograph work at each stage, record measurements and coating thicknesses, retain materials certification, and hand over a complete documentation file at completion — a file the client can present to a class surveyor, an insurer or an auditor without further explanation.

As a contributing employer with the National Social Security Fund, all personnel engaged by the company are covered under the national social security framework.

Legal Status, Registration and Licensing

Aquarian Project Solutions Company Limited is a fully registered, licensed and tax-compliant Tanzanian company. Certified copies of all documents referenced below are available on request and are submitted with every tender and pre-qualification.

Company Registration

Registered name	AQUARIAN PROJECT SOLUTIONS COMPANY LIMITED
Certificate of Incorporation No.	165792327
Incorporated under	The Companies Act, 2002, Section 15
Date of incorporation	May 2023
Company type	Private company limited by shares
Country of registration	United Republic of Tanzania

Tax Registration

Taxpayer Identification Number (TIN)	165-792-327
Effective from	25 May 2023
TRA region	Mwanza
Tax office	Nyamagana
Registered physical location	Plot 146, Block A, Magomeni

Business Licences

Both licences are issued by Ilemela Municipal Council under the Business Licensing Act (Act No. 25 of 1972) and are current.

Licence number	Licensed business activity	Valid to
BL01713432025-2600012421	Marine Vessels — Fabrication and Maintenance, Class (III) Local	20 May 2027
BL01713432025-2600012422	Supply of Machinery and Equipment	20 May 2027

Issuing authority: Ilemela Municipal Council

Licence status: Renewed, current

Date of issue: 21 May 2026

Registered business location: Nyamanoro A, Nyamanoro Ward, Mwanza Region

Principal or branch: Principal

Social Security Registration

NSSF Registration No.	1047250
Status	Registered Contributing Employer
Registered under	Section 11 of the NSSF Act [Cap. 50 R.E. 2018]
Date of registration	11 January 2024

Documentation Available on Request

- Certificate of Incorporation
- Taxpayer Identification Number certificate
- Business licences (both activities)
- NSSF Certificate of Registration
- Memorandum and Articles of Association
- Tax Clearance Certificate
- Professional Engineer registration of the Technical Director
- Company bank details and references

Contact Us

Whether you have a vessel out of service, a survey to commission or a scope to price, the fastest route is to tell us what you are dealing with. We will respond with what we need to see, an indicative timescale, and an honest view on whether it is work we should be doing.

Aquarian Project Solutions Company Limited

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Areas of Operation

Mwanza and the Lake Victoria basin, including Ukerewe, Bunda and Musoma · Kigoma and Lake Tanganyika, including Kigoma Terminal Port and Bulombora · Inland industrial and infrastructure sites across Tanzania · Regional engagements across East Africa by arrangement.

Building solutions. Delivering excellence.

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