



P.O Box 38-90401 Kitui, Kenya. | FundiFix House, Kyuso Centre, Kitui.
Website: <https://fundifix.org/> | Tel: +254(0)711 317104 | Email: info@fundifix.org

JOB VACANCY

Position: Water Services Engineer.

Time input: Full-time.

Location: Kyuso- Kitui, with up to 60% field travel to Rural Communities in Kenya.

Deadline to apply: 31st July 2025.

Desired start date: 1st October 2025.

Length of commitment: 1-year, with possibility of renewal.

Probation duration: 3 Months.

About FundiFix

FundiFix is a Kenyan-owned and registered social enterprise (<https://fundifix.org/>) that has since 2016 provided repair and maintenance services for rural water infrastructure serving communities, schools, and health facilities. FundiFix has operations in Kitui and Kwale Counties of Kenya with established offices, and a team of over 27 staff delivering performance-based repair, operation and maintenance (O&M) services for rural waters systems for over 80,000 people.

Our focus on operations management to ensure efficient and quality professional service delivery to FundiFix clients remains a top priority, as we seek to remain a best-in-class provider of rural water services. Within the rural water sub-sector in Kenya, FundiFix actively engages with the National and County Governments, Researchers, Non-Governmental Organizations (NGOs), Private Sector, Communities, and Funders, to promote support for and the uptake of professionalized rural water service delivery models.

At the current exciting phase of growth, FundiFix is seeking to recruit a Water Services Engineer. The position holder will be responsible for conducting feasibility studies and hydrogeological assessments for proposed water projects, developing technical designs and specifications for rehabilitation/upgrading works. Supervise contractors and ensure quality assurance and control during project implementation ensuring adherence to quality standard of work. Monitor solar PV and pump installations (borehole pumping systems, pull outs and lowering of rising main), pipeline extensions, and storage tank setups. He/ She will be responsible for training local water management teams and technicians on professionalized scheme operations, maintenance and minor/major repairs. He/ She will be in charge of all the FundiFix technicians, plumbers and artisans and will be part of the management team at FundiFix.

The Water services engineer will work closely with the Managing Director, and other field staff at FundiFix to ensure rural water professionalization is scaled up and given wider audience in Kitui, and other ASAL regions in Kenya and globally. He/ She will be responsible for all technical works at FundiFix.

Roles and Key Responsibilities

The Water services engineer will be responsible for:

Design and Supervision

1. Technical Assessment & Feasibility Studies
 - Conduct field surveys and diagnostic assessments of existing water systems (handpumps, solar pumps, piped networks) to determine rehabilitation needs.



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- Analyze water demand, source yield, and system hydraulics to recommend appropriate upgrades.
2. Engineering Design & Cost Estimation
 - Develop detailed technical designs (using AutoCAD, EPANET, or similar tools) for solar-powered water systems (pump sizing, PV array, storage) and other structures.
 - Piped distribution networks (pipe sizing, tank elevations, valve placements etc).
 - Prepare Bills of Quantities (BoQ) and cost estimates for upgrade and rehabilitation works.
3. Ensure all designs adhere to engineering standards and client-specific technical guidelines.
4. Oversee construction and rehabilitation works, including: Solar pump installations (submersible/surface), Pipe laying and jointing (HDPE/GI/PPR), Storage tank construction and installations (masonry/Plastic).
5. Enforce quality assurance protocols (e.g., pressure testing, pump efficiency checks, cube testing etc.).
6. Oversee the installation of water ATMs in proposed water points.

Communication and Reporting

1. Community & Stakeholder Coordination- Liaise with scheme committees to align designs with community needs.
2. Ensure the Fundifix technicians are up to date on system maintenance and troubleshooting through hands-on training sessions.
3. Maintain as-built drawings and asset registers for rehabilitated systems.
4. Prepare and submit technical progress reports with photos, challenges, and solutions as required by our clients.
5. Document lessons learned from rehabilitation projects and share internally for continuous improvement.
6. Propose cost-effective, climate-resilient upgrades (e.g., solar-hybridization of handpumps) to appropriate schemes.
7. Collaborate with Fundifix's M&E team to track system functionality post-rehabilitation.
8. Updating the management on risks, delays, or innovations requiring strategic decisions.

Personal Attributes

1. Willingness to travel frequently to remote sites.
2. Problem-solving mindset with a focus on sustainable solutions.
3. Strong leadership and teamwork abilities.

Qualifications

- Minimum of a bachelor's degree in in Water/Civil/Mechanical Engineering, or any other related field.
- A minimum of five (5) years of experience in rural water supply projects is required.
- Strong knowledge of solar PV systems for water pumping (design, installation and troubleshooting).
- Experience in borehole pumping systems, pull outs and lowering of rising main.



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- Experience in the design, sizing, and diagnostics of pumps, motors, solar power systems, generators, and controllers.
- Experience working with NGOs, County governments, or donor-funded projects (e.g., USAID, UNICEF, World Vision etc.) is an added advantage.
- Proficiency in AutoCAD, GIS, or hydraulic modelling software is desirable.
- Excellent communication and training skills for community engagement.
- Strong project management skills, with experience in contractor supervision and quality control.
- Registration with any Engineering body is added advantage.

Application process

If interested in this opportunity, please send your detailed CV and Cover Letter to: recruitment@fundifix.org by 31st July, 2025.

Please provide your salary expectation for the position in the cover letter and indicate “WATER SERVICES ENGINEER” in subject header of the email.

Please note

Applicants must be Kenya Nationals and only short-listed candidates will be contacted. Female candidates with relevant experience and qualifications are particularly encouraged to apply.