SERVICES BROCHURE

Next Engineering Works & General Supply Co. LTD

Electrical · Water · Renewable Energy · EPC · Telecoms · Maintenance

ELECTRICAL

Electrical Services

Full-scope electrical work for homes, businesses and industrial sites — from first wiring to long-term maintenance.

- Home & commercial wiring
- Industrial installations
- Power distribution systems
- Rehabilitation & upgrades
- Backup power solutions
- Testing, commissioning & certification
- Ongoing maintenance

WATER

Water Solutions & Solar Water Pumping

Reliable water access for households, farms and institutions, engineered for Tanzania's conditions.

- Solar-powered water pumps
- Water storage tanks
- Drip irrigation piping
- Water treatment units
- Borehole pumping systems
- Site assessment & sizing

RENEWABLE ENERGY

Renewable Energy

One partner for a complete clean energy ecosystem — generation, storage, cooking and mobility, under one EPC contract.

- Mini-grid & solar PV (on-grid, off-grid, hybrid)
- Battery storage & energy management
- Solar water pumping
- Clean cooking technologies
- EV charging infrastructure
- EPC & operations & maintenance

PROJECT MANAGEMENT

Project Management & Consultancy

Independent technical oversight that keeps projects on time, on budget and to specification.

- Feasibility studies & engineering design
- Full project management
- Tender & procurement support
- Site supervision & QA/QC
- Training & capacity building
- Due diligence & technical audits

MAINTENANCE

Maintenance & Fabrication

Keep assets running and extend their working life with structural, mechanical and preventive maintenance support.

- Structural steel fabrication
- Mechanical repairs (pumps, motors, generators)
- Corrosion protection & coating
- Preventive maintenance contracts
- Emergency call-out repairs
- Equipment refurbishment

EPC

EPC — Turnkey Project Delivery

Single-point responsibility from concept to commissioning — smart design, efficient procurement, agile construction, seamless handover.

- Engineering design
- Procurement
- Construction & installation
- Testing & commissioning
- Handover & documentation

ENERGY MANAGEMENT

Energy Management

Understand and reduce energy costs with data-driven audits and monitoring.

- Energy audits
- Smart monitoring & energy management systems
- Power optimization
- Efficiency upgrades
- Mini-grid revenue management
- Reporting & staff training

O&M

Operations & Maintenance

Long-term technical support that keeps energy, water and telecom infrastructure performing reliably.

- Preventive & corrective maintenance
- Power systems O&M
- Network O&M
- Performance reporting

TELECOMS

Telecoms Infrastructure & Maintenance

Site build and power support for telecom operators, including solar hybrid solutions for remote sites.

- Site build
- Solar hybrid power for towers
- Fiber & microwave connectivity support
- 24/7 maintenance