



COMPANY PROFILE

2024

A TANZANIA REGISTERED CONTRACTOR FOR
TELECOM, ICT & SECURITY SYSTEMS,
ELECTRICAL & AC WORKS.



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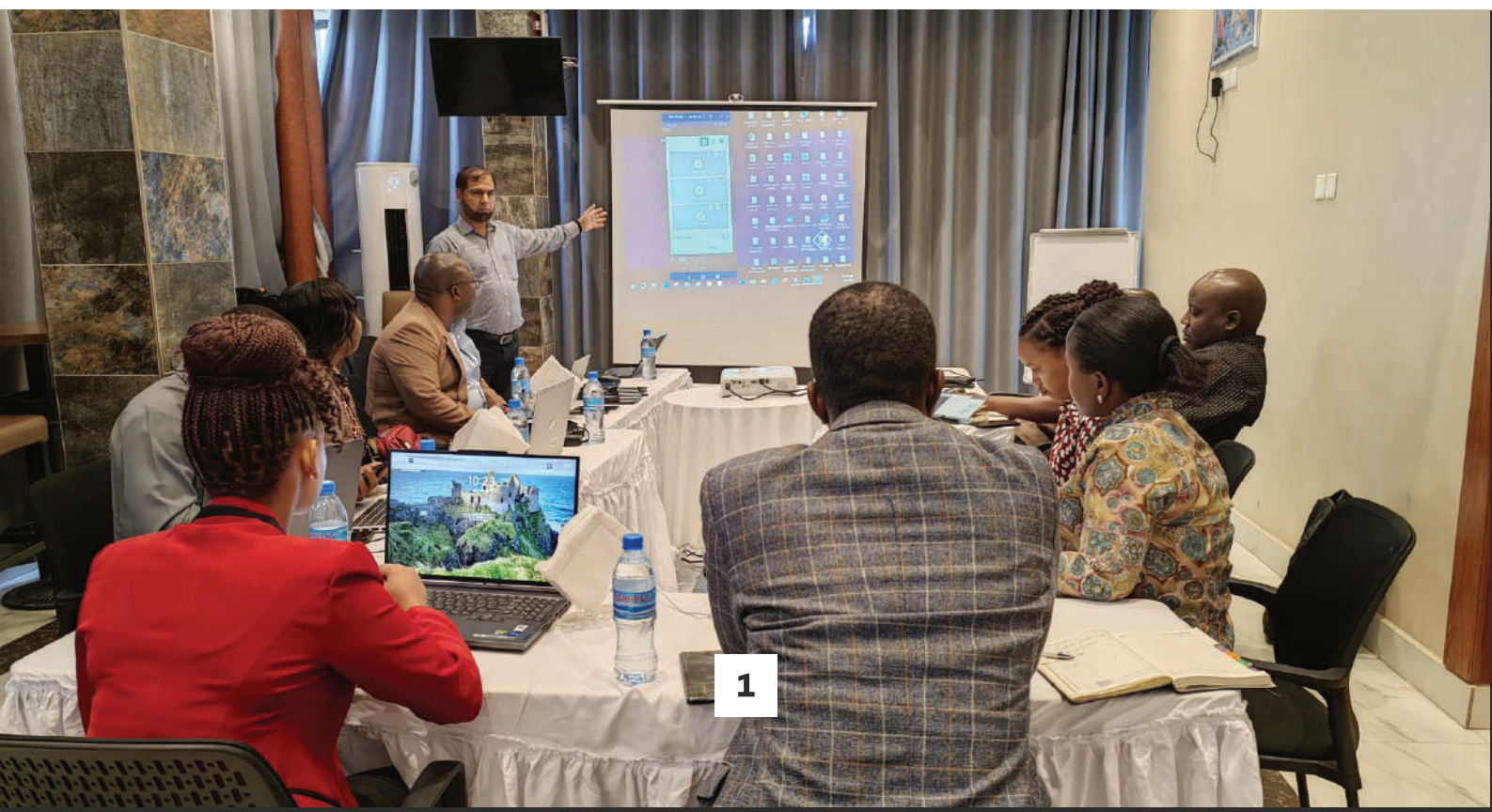
ABOUT US

NELCOTECH ENGINEERING LTD is a pioneering technology company, established in 2013 as a limited liability entity in Tanzania. With our headquarters strategically located in Dar es Salaam, the vibrant capital city of Tanzania, and operations spanning across the entire nation, we have been at the forefront of revolutionizing industries through innovative ICT solutions.

At NELCOTECH, our primary objective has always been to collaborate with diverse organizations to implement cutting-edge solutions that not only enhance operational efficiency but also significantly reduce costs. Leveraging Information and Communication Technology (ICT) as a powerful enabler, we have consistently delivered tailor-made solutions that address the unique needs and challenges of our clients.

Our extensive portfolio encompasses a wide array of technology products designed to cater to various industries, including Governments, Telecommunications, Banking, Utilities, and many others. Through continuous innovation and a commitment to excellence, we empower businesses and institutions to thrive in today's dynamic digital landscape.

With a relentless focus on quality, reliability, and customer satisfaction, Nelcotech is dedicated to driving sustainable growth and fostering long-term partnerships. Our holistic approach to technology ensures that our clients stay ahead of the curve, enabling them to achieve their goals with confidence.



OUR VALUES

Nelcotech Engineering Ltd is a leading technology company headquartered in Dar es Salaam, Tanzania, with a nationwide presence. Since our inception in 2013, we have been dedicated to pioneering innovative ICT solutions that enhance operational efficiency and reduce costs for our diverse clientele.

At Nelcotech, our core values drive everything we do. We prioritize:

Innovation:

We foster a culture of continuous innovation, constantly pushing boundaries and exploring new frontiers in technology to deliver groundbreaking solutions.

Excellence:

We are committed to excellence in everything we do, striving for the highest standards of quality, performance, and professionalism.

Customer-Centricity:

Our customers are at the heart of everything we do. We listen attentively to their needs, anticipate their challenges, and deliver solutions that exceed their expectations.

Integrity:

We conduct our business with the utmost integrity, honesty, and transparency, earning the trust and respect of our clients, partners, and employees.

Collaboration:

We believe in the power of collaboration and teamwork, fostering an environment where diverse perspectives are valued, and collective efforts lead to greater success.

Adaptability:

In a rapidly evolving technological landscape, we remain agile and adaptable, embracing change as an opportunity for growth and innovation.

Sustainability:

We are committed to sustainability, both in our business practices and in the solutions we provide, striving to create a positive impact on society and the environment.

Personal Accountability:

We are personally accountable for delivering on our commitments.

OUR PARTNERS

Nelcotech Tech Engineering Ltd proudly collaborates with a diverse network of partners to drive innovation and deliver value-added solutions to our clients. Through strategic alliances with leading technology providers, industry experts, and solution integrators, we harness collective expertise and resources to address complex challenges across various sectors. Our partnerships are built on mutual trust, shared goals, and a commitment to excellence, enabling us to leverage cutting-edge technologies and best practices to create tailored solutions that meet the evolving needs of our clients. By working closely with our partners, we expand our capabilities, access new markets, and drive sustainable growth, ultimately enhancing the value proposition we offer to our clients and stakeholders



OUR REGISTERED CONTRACTS

1. ICT AND SECURITY SYSTEM

IT infrastructure, CCTV Surveillance systems, Access Control systems , Fire systems installation and Software systems development .

- IT Infrastructure
- LAN solution
- Data Centre solution
- DR system
- Security system
- CCTV surveilling System
- Access control System
- Intrusion detection system
- Electric gates
- Fire alarm system
- Software System developments
- ERP systems
- Web apps
- Mobile Apps
- Hosting and Maintenance



2. ELECTRICAL AND AC WORKS

Electrical lines construction, Electrical works for Buildings, Green energy solutions (Solar power and wind power), Air condition and cooling system .

- Electrical Line Construction
- Electrical line distribution and infrastructure Service
- Overhead powerline construction
- Low voltage distribution construction
- Substation construction and maintenance
- Underground utilities
- Electrical works for buildings electrical installation projects on new buildings and renovation works for commercial, residential, agricultural and industrial.
- Green Energy Solutions
- Solar power
- Wind power
- Biomass
- AC and cooling systems
- HVAC



3. TELECOMMUNICATION SYSTEMS

RF Test and measurement systems, Mobile network testing, EMC & EMI , Telecommunication Network Service.

RF TEST & MEASUREMENT

- Oscilloscopes.
- Vector Network Analyzer.
- Wireless Communication tester.
- Spectrum Analyzer.
- Signal Generator.
- Mobile network testing.
- Spectrum Monitoring.
- Interference Hunting .
- QoS, Benchmark & Field tests.
- EMC and EMI.
- Telecommunication Network Service.
- RF planning and Optimization.
- BTS installation & Commissioning.
- Transmission System Installation.
- Site maintenance.



MOBILE NETWORK TESTING

- Spectrum Monitoring.
- Interference Hunting.
- QoS, Benchmark & Field tests.



SERVICES

Supply:

We provide a comprehensive range of cutting-edge technology products sourced from reputable manufacturers worldwide. Our supply chain ensures timely delivery and competitive pricing, meeting the diverse needs of our clients efficiently.

Installation and Maintenance:

Our experienced team offers seamless installation services, ensuring that your technology solutions are implemented correctly and efficiently.

We also provide ongoing maintenance support to ensure optimal performance and longevity of your systems.

After Sales Support:

Our commitment to customer satisfaction extends beyond the initial purchase. Our dedicated support team is available to address any queries or issues you may encounter post-purchase, providing timely assistance and solutions to ensure uninterrupted operation of your technology systems.

Training:

We understand the importance of empowering our clients with the knowledge and skills to leverage their technology investments effectively. That's why we offer customized training programs tailored to your specific needs, equipping your team with the expertise needed to maximize productivity and innovation.



PROJECTS

In the realm of telecommunications, our achievements include expertise in web and mobile app development, rigorous software testing, and dependable application hosting. Here's a glimpse of our capabilities:

TELECOMMUNICATION

01

TCRA Supply and Delivery for Handheld Spectrum Analyzers and Portable Radio Receivers PR200 2024 Location Dar es Salaam Supply, Installation, Commissioning and On-site Training for Type Handheld Spectrum Analyzers FPH44 and Portable Radio Receivers PR200 to Tanzania Communications Regulatory Authority (TCRA).

02

TCRA SAR and RF Type Approval Laboratories 2022/2023 Location Dar es Salaam Supply, Installation, Commissioning and On-site Training for Type Approval RF AND SAR Labs to Tanzania Communications Regulatory Authority (TCRA).

03

TCRA Design and Build for TAL Building 2023 Location Dar es Salaam Design and Construction of Building for Type Approval Lab Laboratories at HQ offices for Tanzania Communications Regulatory Authority (TCRA).

04

Client Project Period 4 UCSAF FreeRider4 Benchmark Drive Test Kit 2023 Location Dar es Salaam, & Dodoma Supply, Delivery, Commissioning and Training for Drive Test Kits (Backpack Kits) for 2G/3G/4G and 5G Networks in Dar es Salaam and Dodoma Regions to Universal Communications Services Access Fund (UCSAF)

05

Vodacom Network Benchmarking framework contract 2018 to 2023 Location Dar, Mbeya, Mwanza, Dodoma 2G, 3G and 4G Benchmarking against 4 Competitor Networks using POLQA and PESQ Measurement Collections and Report Documentation.

06

Halotel Optic Fiber Backbone installation and Commissioning 2019 Location Mwanza Trenching, Laying of Fiber Cable, Splicing, Termination, Commissioning and Backfilling.

07

Vodacom Network Audit and RF Optimization 2016 Location Mwanza Pre-drive test before auditing exercise, Log file analysis and Report Documentation ,Network auditing, Parameter Tuning and Physical RF Optimization, Post drive after auditing and optimization.

08

Airtel Tanzania SRAL Links Upgrade from 1+0 to 1+1 2017/2018 Location Kilimanjaro De installations of radio units, 6P traffic node, microwave antennas and IF cables. Installations of new two radio units on each site, installations of 21P traffic nodes on each site. Installations of IF cables, Modem Units, Node Processing Units, PFUs, Fan Unit, grounding cables on each site. E1 routing, termination of E1 cables on DDF block, traffic configurations, links alignment and commissioning.



09

National Audit Office Supply, Installation, Test and Commissioning of scanning machines and new Local Area Network implementation to Seven National Audit Office Regional Offices 2015 Location Tabora, Kagera, Kigoma, Katavi, Rukwa, Iringa, Ruvuma National Audit Regional Offices Supply, Installation, Test and Commissioning of Local Area Network items to Seven National Audit Office Regional Offices.

10

Tanesco Dodoma Regional Office Supply, Installation, Test and Commissioning of Biometric Time and attendance system 2017 Location Tanesco Dodoma Regional Office and Zuzu Substation Supply, Installation, Test and Commissioning of Biometric Time and attendance system.

11

Tanzania Postal Bank (TPB) Supply, Installation, Test, Commissioning and Maintenance of security systems such as CCTV, Access Control, Fire Alarm and detection system and Intruder Alarm and detection system 2016/2017 Location All Tanzania Postal Bank (TPB) country branches Supply, Installation, Test, Commissioning and Maintenance of security systems such as CCTV, Access Control, Fire Alarm and detection system and Intruder Alarm and detection system.

12

Azania Bank Limited Supply, Installation, Test, Commissioning and Maintenance of ICT and security systems such as CCTV, Access Control, Fire Alarm and detection system and Intruder Alarm and detection system 2016/2017 Location All Azania Bank Limited country branches Supply, Installation, Test, Commissioning and Maintenance of ICT and security systems such as CCTV, Access Control, Fire Alarm and detection system and Intruder Alarm and detection system.

13

LAPF Local Authorities Provident Fund Supply, Installation, Test, Commissioning and Maintenance of ICT and security systems such as CCTV, Access Control, Fire Alarm and detection system and Intruder Alarm and detection system 2014-15 Description Development of interactive websites which support multiple devices with different screen sizes and ease of sharing contents through social media handles such as Facebook and Twitter.

14

SACIDS Design and development of Mobile Data Collection System 2016-17 Description Development of a mobile data collection system. The system is used to publish a digital questionnaire which can be used to collect data using tablet computers. The mobile system is integrated to a server back end which aggregates and process collected data.

15

University of Dar es Salaam Design and development of Students Management Information System 2017 Description Development of a student's management information system for Post graduate students at UDSM. The system issued to manage student's financial info, academic status, research progress etc.

16

City Plan Consultants Design and development of a GIS based land selling platform 2015 Description Development of a platform for selling land plots online based on GIS information of the land plot. The system enables buyers to browse for plots, select and reserve a plot for buying.

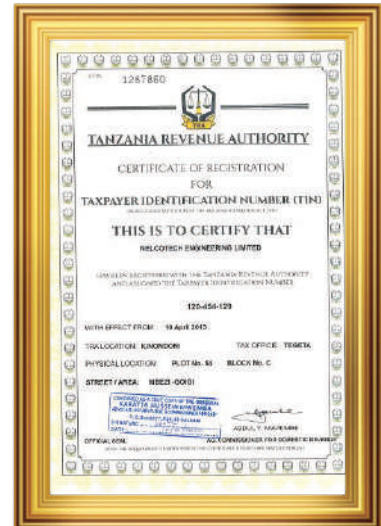
CLIENTS

Our clientele includes major banking institutions of Tanzania, leading network service providers, and a wide array of prominent organizations across various sectors. We are proud to collaborate with them and thoroughly enjoy our partnerships.



CERTIFICATIONS

At Nelcotech Tech Engineering Ltd, we uphold our commitment to quality and excellence, validated by a robust array of legal certifications including Brela, TIN, VAT, CRB, Registration Letters, OSHA, and Business License. These certifications underscore our adherence to stringent industry standards and regulatory compliance. Through continuous training and certification processes, our team stays abreast of the latest technological advancements and industry trends, ensuring that we deliver superior solutions to our esteemed clients consistently. These legal certifications serve as a testament to our dedication to excellence and our unwavering commitment to providing unparalleled services.



AWARDS

In 2017, Nelcotech Engineering Ltd was honored to receive the prestigious award for Best Local Contractor. This recognition underscores our commitment to excellence and innovation in delivering top-notch solutions to our clients.



In 2023 Nelcotech was honored to receive an award from Rohde & Schwarz for the Best sales partner of Test and Measurement solutions in Africa. This award comes as a recognition for our outstanding performance in a challenging market.





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