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Technology Trends & Ideas For The Construction Industry

Technological advancements are paving the way for digital transformation in the construction industry.

Today, there are numerous examples of how new technology is revolutionizing the construction sector.

Emerging technologies such as Artificial Intelligence (AI) and the Internet of Things (IoT) are helping construction companies eliminate long-standing inefficiencies and low productivity.



Why is our traditional brick-and-mortar industry changing so fast?

1. Rapidly Changing Client Expectations
 Clients are micro-aware of the rapidly changing markets. Client demands are quickly increasing.
2. Powerful Capacities in Technology
 New possibilities have cropped up in the construction industry. Sensors and the hardware and software connected to them are much more affordable now, and their increased adoption is doing wonders for the efficiency of your operation.
3. Burgeoning Start-up Environment
 With new market opportunities that are induced by tech trends, start-ups are increasingly delivering valuable contributions.

4. Emerging Techies and New-gen Craftsmen
 As construction professionals, you may be aware that the industry is fraught with resistance to change.

5. Supportive Legal Frameworks
 With digitalization, there is an incredible opportunity to lessen the environmental impact of construction projects. Considering the fact the construction industry produces 38% of global energy-related CO2 emissions, the governments of the world are increasing their CO2 and energy efficiency regulations in regards to the industry.

As an entrepreneur in the construction industry, you will find the following decade is ripe with opportunities for innovation, augmentation, and a whole slew of new technological possibilities, ensuring success in the industry.

Top Trends That Will Influence Construction Technology

1. HD Surveying and Geolocation
 Projects typically get delayed because of discrepancies in ground conditions.

New techniques that incorporate high-definition photography, 3-D laser scanning, geographic information systems, and more can improve accuracy and speed.

2. 5-D Building Information Modeling (BIM)
 BIM is a digital representation of the characteristics, including physical and functional aspects of a project, which forms a reliable basis for decisions during the project's life cycle.

With the use of 5-D BIM technology, augmented reality (AR) technology via wearable

devices can be further enhanced, which will transform the construction industry

3. Digital Collaboration and Mobility Digitizing workflows has substantial benefits.

Digital solutions for construction need to deliver a seamless real-time experience across facets, such as design management, materials management, scheduling, QC, crew tracking, and more.

4. IoT and Advanced Analytics

In the construction industry, the IoT can allow construction machinery, equipment, materials, structures, and more to talk to a central data platform.

Other technologies, including sensors and near-field-communication (NFC) devices, can monitor productivity and reliability.

5. Future-proof Design and Construction

Building materials represent a \$1 trillion global industry. New building materials, such as aerogels, self-healing concrete, and nanomaterials, can lower costs and also speed up construction, improving quality and safety.

As a construction professional, you'd be interested in knowing how to transform the construction processes using new tech trends successfully.

Construction Technology Trends: Futuristic Ideas

1. Augmented Reality (AR)

Augmented reality and virtual reality are making ripples across the construction world.

While AR superimposes a computer-generated image on a user's view of the world, VR can replace the real world through a simulated environment.

Imagine the power of visualizing the real world through a camera lens. AR systems can display critical information about equipment while the user can look at components or see display

warnings when there are risks nearby.

2. Building Information Modelling (BIM)

BIM will prove to be a game-changer for the construction industry with its ability to depict project development in an open and highly collaborative environment.

The technology offers several benefits to construction companies. It makes resource management more accessible, enables enhanced collaboration, and helps people stay in touch throughout the project.

3. Robotics

Don't be surprised if you find robots showing up at your worksites! No, it would not be a sci-fi plot—but an inevitable reality.



You can expect robots to become a commanding force in the construction arena with their offering of precision and accuracy. The cost of robotics may be high at the beginning, but it will be well worth the benefits.

4. More Prefabrication, Modularization, and Eco-friendliness

You will witness a growing trend towards multi-trade prefabrication.

5. Self-healing Concrete

You can expect to see self-healing concrete used on buildings, roads, and homes.

Imagine the use of new technology to work on concern areas such as structural deterioration and building cracks. Although, at a nascent stage, the technology could be an excellent solution for such pain points.

6. Cloud and Mobile Technology

Cloud operating systems have already been in use in many industries. Today, with mobile

devices leveraging cloud technology (anywhere, anytime), you can look forward to storing massive amounts of information, and sharing it instantly.

So, to remain competitive, you may find the need to use a cloud-based business phone system that can easily be accessible.

7. Drones Drone technology is rapidly evolving, and many construction sites are heavily relying on the use of drones



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Contributions

The editors welcome news items, press releases, articles and photographs relating to the Construction Industry. These will be considered and, if accepted, published. No responsibility will be accepted should contributions be lost, damaged or incorrectly printed.

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Mahesh & Tirth Construction Limited



Who we are ?
MAHESH AND TIRTH CONSTRUCTION LTD, is a Private Limited Company, which was incorporated in the year 2013, in Nairobi Kenya under the Company Act Laws of Kenya.

Since Inception, the firm has been providing Building Construction and Civil Engineering works to both Private Companies and Government Institutions, with a clear vision of delivering comprehensive range of quality services.

We are versatile company with a reputation for outstanding quality workmanship, which has broadened our focus with a diversified new fields of specialisation, modern technologies and we have maintained continued success by looking forward in offering best services to our clients.

(M&TCL) has grown rapidly from the humble beginning since its Initiation and has now becoming one of Kenya's premier Building construction and Civil Engineering specialists, operating across the Country in full sector domain and aiming to open other areas of operation across the Country.

VISION

"We are committed in providing a customer focused service that delivers high quality construction projects in safe, professional and timely manner."

MISSION

"To Perform for our customers the highest level of quality construction services at fair and market competitive prices"

"We at Mahesh and Tirth Construction Limited (M&TCL) have set our services diversification as well as geographic broadening our areas of business operations to fulfil firms missions not only in Kenya but across far in East and Central Africa Regions".

Our Services

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Our projects has a **wide scope** ranging from industrial, hospitality to commercial developments.

Our Core Values Safety

We create a working environment that promotes enhanced safe performance.



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We always strive for excellence in the services we provide and in the results we produce for our clients beyond their expectations.

Integrity

We are committed to the highest ethical Standard & Regulation

Creativity

We believe in looking at challenges and opportunities from new angles and in exercising our curiosity, innovation, exploration, experiences, good practices & above all adhere to all regulations which will make our organization run smoothly.

Accountability

We take responsibility for all of our decisions and actions.

Teamwork

We work together to succeed. Involvement of people at all level are the essence of an organization and their fully involvement enables their abilities to be used for benefits.

Passion

We deliver superior results because we care deeply about what we do. Quality Products & On time Delivery. Measure and improve company's performance through the development of Key Performance Indicator (KPI'S)

Co-Ordination

The multi-discipline capabilities within the



company give clients the benefit of total co-ordination of all phases on projects which require a number of specialties without necessarily outsourcing for specialist to handle sections of the projects.

Collaboration

In addition to our professional and commercial services, we have arrangements with other reliable organizations for the collaboration on any type and size of project where this could become necessary.

Mahesh & Tirth Construction Ltd was declared winner in two categories at the Construction Excellence Awards (CEA) 2023.

The contractor took the Overall Contractor of the Year Award 2023 and the Best Contractor for Building Works Under NCA Category 1-4 during the ceremony organised by the National



Construction Authority(NCA).

The CEA is a platform designed to recognize achievements, developments and innovation within Kenya's construction industry. The awards

highlight the positive aspects of the industry, celebrating quality assurance, commitment to excellence and innovation.

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Piping Perfection: Celebrating 35 Years of Excellence in Plumbing Services



Introduction:

Since its establishment 35 years ago, Trident Plumbers Limited has been at the forefront of the plumbing industry, providing exceptional services and ensuring the smooth functioning of plumbing systems for countless satisfied customers. With a strong commitment to quality workmanship, unparalleled expertise, and outstanding customer service, Trident Plumbers Limited has earned a stellar reputation as a trusted and reliable plumbing company both locally in Kenya and Regionally for services within the scope of the installation, repair and maintenance of plumbing or mechanical services in residential and commercial buildings.

A Legacy of Plumbing Expertise:

Trident Plumbers Limited was founded in 1988 by Mr. Ixman Vekaria, a visionary entrepreneur with a passion for plumbing. From its humble beginnings as a small local plumbing business, the company has steadily grown and evolved, adapting to industry advancements and meeting the ever-changing needs of customers. Trident Plumbers' core solutions offered include contractual & sub-contractual mechanical works encompassing mechanical installations, repair, maintenance and plumbing works for both commercial and residential buildings. For 35 years, this company has endeared itself to the construction industry by offering top-notch mechanical services for the simplest projects to the most complex. Indeed, one cannot discuss the plumbing landscape in Kenya without mentioning Trident Plumbers Ltd as a leader in this field.

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Images: (Trident Plumbers Limited Completed Projects)

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Services That Set Us Apart:

What sets Trident Plumbers Limited apart from competitors is its comprehensive range of plumbing services, catering to both residential and commercial clients. Whether it's routine plumbing maintenance, emergency repairs, or complex installations, the company's highly skilled team of licensed plumbers has the knowledge and experience to handle any plumbing challenge. From leak detection and pipe repairs to water heater installations and sewer line replacements, Trident Plumbers Limited offers top-notch solutions that exceed customer expectations.

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Safaricom Pension Scheme & Mall



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(Images' State of the art commercial projects Trident Plumbers Limited mechanical works)



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Commitment to Customer Satisfaction:

At Trident Plumbers Limited, customer satisfaction is at the core of everything we do. Our commitment to delivering exceptional service and exceeding customer expectations has earned us a loyal clientele and numerous referrals over the years. We believe in building long-lasting relationships with our customers, providing transparent communication, fair pricing, and timely solutions. Our friendly and professional team goes above and beyond to ensure every customer receives personalized attention and a hassle-free experience.

Embracing Innovation:

As technology continues to advance, Trident Plumbers Limited remains at the forefront of industry trends and innovations. By investing in state-of-the-art equipment and staying up-to-date with the latest plumbing techniques, our team consistently delivers efficient and effective solutions. We understand the importance of sustainability and water conservation, and actively incorporate eco-friendly practices into our services, helping customers reduce their environmental footprint.

Community Engagement:

Throughout our 35-year journey, Trident Plumbers Limited has remained deeply rooted in the local community. We believe in giving back and actively contribute to various charitable initiatives, supporting causes that improve the lives of those around us. We take pride in being more than just a plumbing company; we are a valued member of the community, dedicated to making a positive impact wherever we can. This is evident through our Training centre – Trident Vocational Training Centre- which is the only institution that specializes solely in plumbing. Trident Vocational Training Centre was established as an extension of Trident Plumbers Limited in order to expand quality workmanship and knowledge in plumbing to the public via professional learning. Not only that but the school runs regular scholarship programmes for students who receive state of the art training, and even get to work in partnership with Trident Plumbers Limited as apprentices on site in order to foster quality learning and growth towards becoming skilled plumbers in the industry's sector.

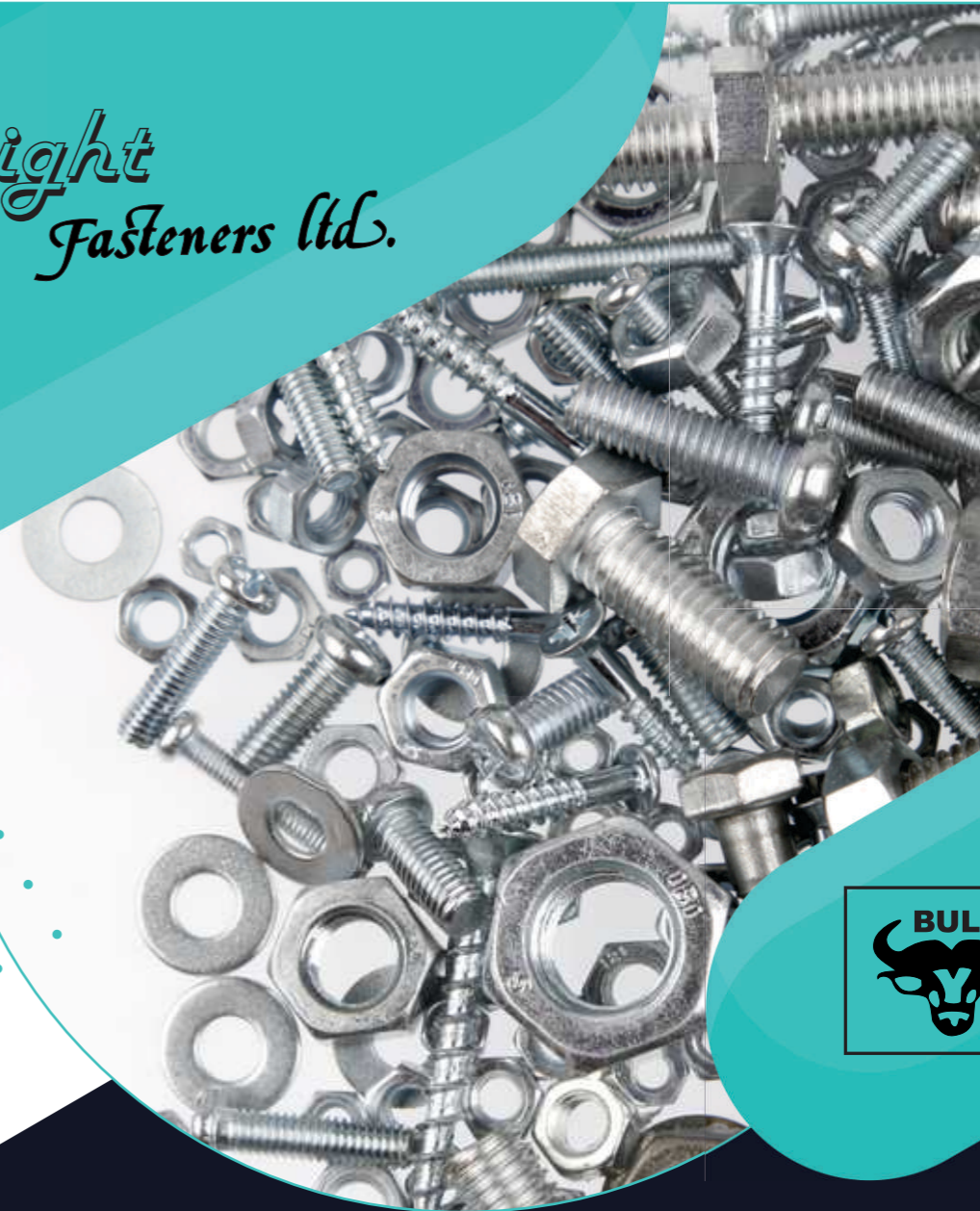
Looking to the Future:

As Trident Plumbers Limited celebrates 35 years of excellence in the plumbing industry, we look ahead with excitement and determination. Our continued focus on quality, innovation, and customer satisfaction drives us to reach new heights and expand our services further. We are confident that our experienced team, coupled with our strong core values, will continue to make Trident Plumbers Limited the plumbing company of choice for many more years to come.

Conclusion:

Since its inception Trident Plumbers Limited has been a beacon of reliability, expertise, and exceptional service in the plumbing industry. With 35 years of experience under its belt, the company continues to raise the bar, delivering top-notch solutions and establishing itself as a trusted partner for all plumbing needs. As they celebrate this remarkable milestone, Trident Plumbers Limited looks forward to the future, ready to embrace new challenges and provide unparalleled plumbing services to customers for years to come.

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Tenwek Hospital is a Faith-based institution founded in 1937 by the World Gospel Mission (WGM) of the United States of America in partnership with the Africa Gospel Church (AGC) in Kenya. We are situated in Bomet Township Location, Bomet County. The Hospital is a Christian community committed to excellence in the provision of compassionate health care, spiritual ministry, and training for service. We believe that as We Treat, Jesus is the ultimate Healer.

Tenwek Hospital is a non-profit making health facility. We are supported by individuals and organizations who willingly partner with us to fulfill our mission.

It is a 402-bed Teaching and Referral Hospital registered as a Faith-Based Health Facility in Kenya serving over a million people in the vast Southwest region of Kenya and the country at large. We see patients from outside the country, that is, East, Central, and West of Africa.

Our Mission: We are a Christian community committed to excellence in compassionate

healthcare, spiritual ministry, and training for service to the glory of God.

Our Vision: Christ-Transformed Health, Lives, and World

Our Motto: We Treat ~ Jesus Heals

Core Values: Accountability, Diversity, Excellence, Biblical Authority and Value, Integrity, Professionalism, and Servanthood.

WHAT WE ARE PASSIONATE ABOUT

At Tenwek Hospital we are driven by three key factors which make our ministry unique and exceptional. These are Compassionate Health care, Spiritual Ministry, and Training for service.

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We recognize that the human person is more than just his or her body. As we treat; we call on Jesus to heal the mind, body, and soul of our patients. This we do through having Chaplains available at all our facilities who help in restoring hope and faith to the vulnerable.

Training For Service

We are a teaching hospital committed to training future generations of healthcare providers. Tenwek Hospital currently provides training through:

1. The Tenwek College of Health Sciences
2. Internship programs
3. Residency programs

TENWEK HOSPITAL'S CONTRIBUTION TO HEALTHCARE

Since its inception in 1937, Tenwek Hospital has had a significant impact in the healthcare space not only in Kenya but also across sub-Saharan Africa. Over the years, the hospital has grown to become a specialty hospital offering a variety of health services.

OUR SERVICES

We provide a wide range of services to the community that we serve, and these can be briefly described as follows:

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| Outpatient Services | Inpatient Services | Diagnostic Services |
|---|---|---|
| <p>These include:</p> <ol style="list-style-type: none"> 1. General outpatient services 2. Trauma and emergency care 3. Specialty clinics 4. MCH and Family planning 5. Eye 6. Dental 7. Ear Nose and Throat (ENT) 8. Renal 9. Oncology 10. Urology 11. Referral services 12. Pharmaceutical services | <p>These include:</p> <ol style="list-style-type: none"> 1. Medical inpatient services 2. Pediatric services and surgeries 3. General surgical services 4. Orthopedic surgeries 5. OB/GYN 6. Critical care in ICU, HDU & NICU 7. Urology 8. Pharmaceutical services | <p>These include:</p> <ol style="list-style-type: none"> 1. CT scan, Ultrasound, and X-Ray imaging 2. Laboratory services 3. Endoscopy services <div style="text-align: center; margin-top: 20px;">  </div> |

We also provide a wide range of services to the community that we serve, and these can be briefly described as follows:

| Medical Outreach Services | Training | Research |
|---|---|---|
| <p>We provide medical outreach to communities around the region that have no means to reach our facility through:</p> <ol style="list-style-type: none"> 1. Tenwek Community Health and Development 2. Tenwek Hospital Annex- Bomet 3. Kaboson Health Centre 4. Ngiito Dispensary 5. Tenwek Palliative Care Unit (Hospice) | <p>We provide training through:</p> <ol style="list-style-type: none"> 1. The Tenwek College of Health Sciences 2. The Tenwek Hospital International School of Chaplaincy 3. Medical students electives 4. Internship 5. Residency programs 6. Fellowship | <p>Tenwek Hospital is also a research center. This means that we encourage our faculty to actively conduct research projects and we are also research centers for programmes like the Walter Reed PEPFAR project.</p> |

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Trainings at Tenwek Hospital

Tenwek provides training programs in the following areas:

Fellowship

1. Cardiothoracic Fellowship program

Residency

1. General Surgery
2. Family Medicine
3. Orthopedics Surgery
4. Ob/Gyn program which began in January 2022
5. Neurosurgery

Internship

1. We offer a one-year Internship to Clinical officers and Medical Officers
2. Offer attachment to other specialties.
3. Clinical rotation/electives for Medical and Clinical officer students

Tenwek Hospital College, Registered by the TVET (Technical and Vocational Education and Training Authority) which regulatory body for training in Kenya. The college is made up of two

schools: the School of Health Sciences (Formerly School of Nursing and immediate name College of Health Sciences) and the School of Chaplaincy.

School of Health Sciences offers:

1. Kenya Registered Community Health Nurses Course (Diploma)
2. Diploma course in Clinical Medicine.
3. Higher Diploma in Critical Care Nursing

The School of Chaplaincy Offers:

1. Diploma in Chaplaincy
2. Certificate in Chaplaincy

The New Tenwek Hospital Cardiothoracic Centre

Tenwek Hospital is uniquely positioned as a center of excellence in cardiothoracic care for patients with heart diseases in the Sub-Saharan Africa region. The hospital is currently performing more open-heart surgical procedures than any other hospital in the region at a fraction of the cost it will take to perform the same procedures in countries outside Africa. We are caring primarily for patients with rheumatic heart disease and

patients with congenital heart disease.

Tenwek Hospital is also an accredited center for training African healthcare workers in the prevention of heart disease and in the medical and surgical management of patients while sharing the healing Gospel of Jesus Christ.

Tenwek Hospital has been accredited by the College of Surgeons of East, Central, and Southern Africa (COSECSA) to train cardiothoracic surgeons, since 2018. COSECSA is the largest certifying organization for surgical training in the entire region—including 13 countries in the sub-Saharan region. Tenwek is the first recognized site in this consortium to offer cardiothoracic training.

Tenwek hospital Board and Management have embarked on improving Health services in the hospital through the construction of a Cardio-Thoracic Centre. The proposed facility will occupy 276,000 sq ft. It will consist of a 176-bed capacity with inpatient and outpatient care.

Tenwek Hospital envisions a high-level center where it will offer training to cardiothoracic surgeons, cardiologists, perfusionists, cardiac

nurse anesthetists, cardiac critical care nurses, echocardiographers, cardiac rehabilitation therapists, and specially trained chaplains. After the Tenwek Cardiothoracic site is fully established, the hospital anticipates fostering other sites throughout the region that can use the Tenwek model as a starting point for new cardiothoracic units.

What the user communities can expect from the Cardio-thoracic center include:

- * When fully operational, the Hospital will employ over 300 tax-paying Kenyan staff members.
- * Advanced training will become available to many Kenyan health professionals and will attract other high-end professionals seeking training from around Africa.
- * The professionals trained at the Cardiothoracic Centre will go on to provide specialized Cardiothoracic care and treatment in other service centers across Kenya and Africa, creating a positive ripple effect in the healthcare space.
- * Medical tourism will bring economic benefits to Kenyans and will mark the country as a leader in cardiovascular health. Within Africa, there are few options for heart surgery

and currently, many people go to India for care.

* The Cardiothoracic center is a high-end service center that will perform major heart and chest

surgeries and will be a solution to the lack of adequate cardiac centers in Africa and a source of hope for people suffering from heart disease and in need of surgery.

* The staggering scope of the heart disease challenge means that addressing the disease burden will be necessary to achieve Universal Health Care so that Kenyans will have increased access to preventive, curative, rehabilitative, and palliative health services at minimum financial burden, thereby eliminating inequalities in access to health care.

* The cost of heart surgery at Tenwek is a fraction of the cost of the same surgery when done outside the country.

Building a Better Future for Emergency Medicine: The Construction of Our New Accident & Emergency Building

The construction of a new Accident and Emergency (A&E) building is an exciting development for any hospital, and it's great to see that the project is well underway. This new building will serve as a vital addition to the hospital, providing a modern and efficient space that will enhance patient care, facilitate smooth administration, and support effective training.

The A&E department is often the first point of contact for patients who are in urgent need of medical attention, and a well-designed facility can make a significant difference in the quality of care that patients receive. The new building



will feature state-of-the-art equipment and technology that will enable doctors, nurses, and other healthcare professionals to diagnose and treat patients quickly and accurately.

In addition to the A&E department, the new building will also house administration and training facilities. Efficient administration is essential to ensure that hospital operations run smoothly, and a purpose-built facility can help staff to work more efficiently and effectively. Meanwhile, training facilities are vital for ensuring that healthcare professionals have access to the latest knowledge and skills and can provide the best possible care to patients.

The construction of a new hospital building is a significant undertaking, requiring careful planning, coordination, and execution. It's great to hear that progress is being made, and that the project is on track to deliver a modern and efficient facility that will benefit patients, staff, and the wider community. As the building takes shape, it will be exciting to see how the various components come together, and to witness the positive impact that this new facility will have on patient care and hospital operations.

PROJECT TEAM:-

- Triad Architects
- Ark Construction Ltd
- Engplan Consulting Engineers
- Loadline Engineers Services Ltd
- Express Plumbers Kenya Ltd
- Coronation Electrical Works
- Medware Solutions Ltd
- Hotpoint Appliances Ltd



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MEDS headquarters in Nairobi

About MEDS

Mission for Essential Drugs and Supplies (MEDS) is a faith based, not-for-profit organization based in Nairobi, Kenya with a branch in Kisumu.

It is a registered Trust of the Kenya Conference of Catholic Bishops (KCCB) and the Christian Health Association of Kenya (CHAK).

MEDS was started in 1986 as an ecumenical partnership to improve accessibility to quality health care.

MEDS Vision: A Faith-based organization providing Transformative Health Solutions Globally

MEDS Mission: To provide reliable and affordable Health Products and Technologies, Quality Assurance and Health Systems Strengthening Services.





MEDS Microbiology Laboratory

In pursuit of this Mission, MEDS has three main functions:

Supply Chain

MEDS robust and resilient Supply Chain services include product selection, forecasting and quantification, procurement, inventory management, warehousing, logistics and distribution of Health Products and Technologies (HPTs). Being a provider of HPTs, a robust supply chain is the cog of the wheel of a medical supplies ecosystem. Without an efficient supply chain, no part of the business will function optimally. This therefore calls for MEDS to pay special attention to bottlenecks in the supply chain system and address them through embracing operational excellence principles.

Quality Assurance

MEDS Quality Assurance function carries out prequalification of suppliers, inspection of commodities and post-market sampling and testing of health commodities. The function also

houses a Quality Control laboratory, which offers testing services to clients in the country and beyond. An in-house microbiology laboratory has been constructed to strengthen this function to offer expanded services. The quality control laboratory has embarked on supply of laboratory consumables. MEDS commitment to upholding high quality standards reverberates across the health sector evidenced by crucial partnerships the organization has fostered with key players including regulatory agencies and donor organizations.

Health Systems Strengthening (HSS)

MEDS Health Systems Strengthening plays an instrumental role in response to health sector needs by strengthening capacities in health systems for optimum service delivery. Through Facility-Based Training, HSS offers tailor-made interventions to stimulate growth and sustainability of health facilities. HSS engages in health sector policy formulation and regulatory implementation processes;



MEDS warehouse

Partnerships in implementation of public health projects; to improve access to specialized medicines in collaboration with multinational pharmaceutical companies, and partners with development agencies and non-governmental organizations to advance and strengthen access to quality healthcare in the region. MEDS actualizes this through offering services targeting the six pillars of health systems outlined by World Health Organization (WHO).

- i) Leadership and Governance
- ii) Access to HPTs
- iii) Health Financing
- iv) Human Resource for Health/Health Workforce
- v) Service Delivery
- vi) Health Information Systems

The function will continue offering various services including capacity building, consultancies, and management of special projects, among others.

MEDS has one of the most comprehensive medical equipment and devices product segment. It has also continued to honor commitment to quality and affordability which has been its legacy all along. There is also unmatched and deliberate customer satisfaction efforts that have been put in place.

Key Milestones:

* Over 36 years experience in medical supply chain and capacity building. MEDS is a



MEDS Medical Equipment room

leading supplier of essential Health Products and Technologies to faith-based and Government health facilities.

- ✦ ISO 9001:2015 Certified (by KeBS)
- ✦ USAID/BHA prequalified Wholesaler
- ✦ DG-ECHO Humanitarian Procurement Centre
- ✦ World Health Organization (WHO) Prequalified Quality Control Laboratory

MEDS success story as a faith-based organization has been documented in several publications including the WHO and Ecumenical Pharmaceutical Network journal in 2006: Multi-Country Study of Medicine Supply and Distribution Activities of Faith-Based Organizations in Sub-Saharan African Countries.

Others include the respected science journal Elsevier in 2017 under the study: Rethinking health sector procurement as developmental linkages in East Africa.

Fact Sheet and Competencies



Participants pose for a photo after a facility based training by MEDS

- ✦ Ultra-modern warehouse storage facilities – over 10,000 sq metres of floor space in Nairobi and 2,500 sq metres in Kisumu.
- ✦ Stocks over 1,500 items including pharmaceuticals, medical devices and equipment while over 3,000 are supplied on demand from clients.
- ✦ 100% computerized inventory management system with over 98% fill rates.
- ✦ Delivery to facilities across the country at no extra cost to client.
- ✦ Has developed linkages with development partners such as USAID, DG-ECHO, CDC, DANIDA, SIDA, NOVARTIS, NOVO NORDISK, GSK, ASTRAZENECA, MERCK, JOHNSON & JOHNSON, UNCIEF among others.

For more details kindly contact MEDS via:

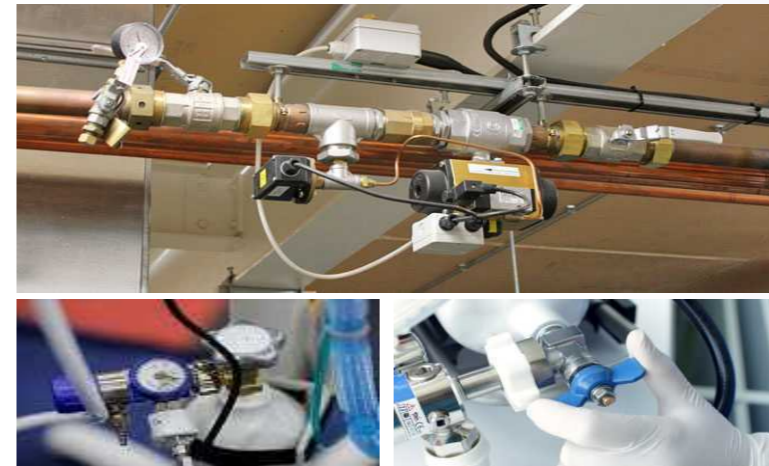
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