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COVID-19 should leave you with many lessons

am excited about this particular issue of *The Contractor*, you should too, and this is why.

The lockdown was lifted and for most sectors, work has resumed normally. Although operations of the construction sector had not been halted as part of measures to prevent the spread of the pandemic, operations were made difficult by several restrictions, including movement of workers and closure of material outlets. This is now over but with it comes a new normal which requires everyone to work under strict Standard Operating Procedures

And this is why this issue becomes exciting to read. All the SOPs you wil need to run your construction site and prevent your workers from contracting COVID-19 are in here. Especially for people visiting the site, ensure to check their temperature and do not allow crowding otherwise you are putting your employees at risk and consequently your work.

COVID-19 aside, ensure your workers are also safeguarded against accidents



that usually happen at construction sites. Therefore, in addition to wearing masks, do not downplay helmets boots, reflectors and other safety gear More than this, insure your workers against accidents like you will learn in our article on insurance. You may not avoid accidents sometimes, but it pays to know your workers can always get a second chance because of insurance. The pandemic should not leave you the same but with lessons such as how to shelter your business during

Arguably, the last six months have been tough for all businesses, but for those strugaling to complete projects because COVID-19 interrupted your cash flow, take heart there are better days ahead!

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She has been CEO of two top organisations in the country and although she makes it all seem easy, Allen Kagina has had to work her way to the top.

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usual since March and as such business contracts have been affected. Our legal on some of the things you need to understand.





STRICT REGULATION KEY IN

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Uganda's construction industry is faced

sometimes arises from contractors who

at the expense of quality.

with the challenge of shoddy works, which

would like to make profits out of the project

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The construction sector represents the backbone of most developing economies, as it provides the foundation for infrastructure development, and it is therefore a multiplier for all other economic sectors that rely on such infrastructure. Estimates from the Uganda Bureau of Statistics (UBOS 2018) suggest that the construction sector directly contributes to approximately 7 per cent of gross domestic product (GDP).

About UNABCEC

Uganda National Association of 1 the industry at large through: **Building and Civil Engineering Con**tractors (UNABCEC) is a 27-year-old non-profit, non-political, member-driven national trade association representing genuine companies and organisations engaged in construction contracting in

With a new strategy of 2020-2024, UN-ABCEC is taking new steps in improving performance of the construction contracting sector by championing better regulation and enhancing operational

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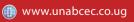


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KEEP YOUR SITE SAFE DURING COVID-19 CRISIS

FRANCIS KARUHANGA

UNABCEC PRESIDENT

oronavirus Disease (COVID-19) pandemic is challenging the construction businesses in many unprecedented ways. The disease has been reported in most countries around the globe, Uganda inclusive. The virus is thought to spread mainly from person-to-person, including between people who are in close physical contact (about 6 feet), through respiratory droplets when an infected person coughs or sneezes and they land in the soft parts (mouth, nose or eyes) of those nearby or possibly be inhaled into the lungs. It is also possible that a person can get the virus by touching an infected surface or object and then touching their soft parts (mouth, nose and eyes).

Effects on the workplace

As a result of the virus, workplaces may experience:

Absenteeism: Workers could be absent because they are sick; are caregivers for sick family members; difficulty in transport to work; or are afraid to come to work because of fear of possible exposure.

Change in patterns of commerce:

Consumer demand for items related to infection prevention (e.g., respirators) is likely to increase significantly while consumer interest in other goods may decline. Construction services are likely to be highly affected in this case.

Interrupted supply/delivery: Shipments of items from outside the country especially from countries severely affected by COVID-19 may be delayed or canceled with or without notification.

These pose a very big threat to the construction industry and the economy therefore an immediate response is required to protect both businesses and the lives of staff and their family members. The best way to do this would be

to temporarily close the sites until the situation allows. This, however, has an impact on the timely delivery of the project as well as financial obligations. There is a high likelihood of bankruptcy of many firms which have contractual obligations to deliver on schedule or risk incurring significant financial penalties. But construction firms, if they are to continue operating, must ensure proper safety and health of their employees.

This is why UNABCEC has come up to guide the sector on safe construction site procedures during this crisis by outlining the best response plan to the various COVID-19 related risks, which if implemented will minimise the impact of the crisis and ensure business continuity in the construction industry.

Objectives of the SOPs:

- To prioritise the health and safety of workers and of their surrounding communities;
- To apply recommendations and best practices from the Ministry of Health and World Health Organisation to construction site procedures.
- To establish and maintain a common COVID-19 Pandemic Response Plan across construction sites.

MITIGATION PLAN/ ACTIONS FOR COVID-19 RELATED RISKS

Risk: Travelling to work - public transport - exposure to the virus Mitigation actions:

Office support staff to keep working from home

Contractors to camp site workers at a designated



place/site

- Where not possible to avoid, use of public transport while complying with the transport limitations
- Provide employees with information on the virus and precautions to take during travel such as:

-If possible, maintain social distancing (at least 2 m) between yourself and anyone else when travelling

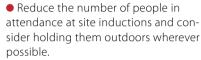
- -Frequently clean hands by using alcohol-based hand rub or soap and water
- -Avoid touching eyes, nose or mouth -Always wear a suitable face mask
- Cancel travel for employees experiencing symptoms of the virus
- Regular testing of body temperature

Risk: Site access by employees and non-employees

Mitigation actions:

- Stop all non-essential visitors.
 - All employees and non-employees to be screened with non-
 - contact thermometers on arrival at site Introduce staggered start and finish times to reduce congestion and contact
 - at all times. • Monitor site access points to enable
 - social distancing.
 - Change the number of access points, either increase to reduce congestion or decrease to enable monitoring.
 - Remove or disable entry systems that require skin contact e.g. fingerprint scanners or biometric system.
 - Require all workers to wash their hands before entering or leaving the site.
 - Allow plenty of space (two meters) between people waiting to enter site.
 - Regularly clean common contact surfaces at the reception, office, access control and delivery areas e.g. scanners, turnstiles, screens, telephone handsets, desks, particularly during peak times.





 Drivers should remain in their vehicles if the load will allow it and must wash or clean their hands before unloading goods and materials.

Risk: Poor Personal Hygiene on

Mitigation actions:

 Provide additional hand washing facilities to the usual welfare facilities in case of large spread out of site or significant number of personnel on site.



- Ensure soap and fresh water is always readily available and kept topped up.
- Provide hand sanitizer where hand washing facilities are unavailable.
- Regularly clean handwashing facilities and check sanitizer levels.
- Provide suitable and enough rubbish bins for hand towels with regular removal and disposal.
- Sites to have extra supply of soap, hand sanitizer and paper towels and these will be securely stored.
- Non-compliant employees will face disciplinary action in order to safeguard.

Risk: Poor Hygiene for facilities such as offices, toilets, canteens

1. Toilets:

Mitigation actions:

- Restrict the number of people using toilet facilities at any one time.
- Employees to wash hands before

and after using the facilities.

- Enhance the cleaning regimes for toilet facilities particularly door handles, locks and the flush.
- Where portable toilets are used. there should be frequent cleaning and emptying
- Provide suitable and enough rubbish bins for hand towels with regular removal and disposal.

2. Offices and canteens:

Mitigation actions:

The workforce should also be required to stay on site once they have entered it and not use local shops.



- Break times should always be staggered to reduce congestion and contact.
- Hand cleaning facilities or hand sanitiser should be available at the entrance of any room where people eat from and should be used by workers
- when entering and leaving the area. • Workers should sit 2 metres apart from each other while eating and avoid all contact.
- Where catering is provided on site, it should provide pre-prepared and wrapped food only.
- Payments should be taken by contactless card wherever possible.
- Where only cash can be used, hand cleaning and with sanitizers or soap should be observed.
- Drinking water should be provided with enhanced cleaning measures of

the tap mechanism introduced.

- Tables should be cleaned between
- All rubbish should be put straight in the bin and not left for someone else to clear up
- All areas used for eating must be thoroughly cleaned at the end of each break and shift, including chairs, door handles, vending machines and payment devices.

Risk: Inadequate Personal Protective Equipment (PPE)

Mitigation actions:

- No employee on site without adequate and relevant PPE.
- Re-usable PPE should be thoroughly cleaned after use and
- not shared between workers. • Single use PPE should be disposed of so that it cannot be reused.



Mitigation action:

• Increase ventilation in enclosed



Risk: Site Meetings

Mitigation actions:

 Only necessary meeting participants should attend.

















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- Attendees should be two metres apart from each other.
- Rooms should be well ventilated / windows opened to allow fresh air circulation.
- Consider holding meetings in open areas where possible.

Response measures in case of a suspected case.

 Make sure the Health and Safety Officer knows how to spot symptoms of COVID-19

and are clear on any relevant processes. Individuals who have been potentially exposed to the virus, or who are exhibiting flu-like symptoms such as fever, tiredness, coughing, or congestion are instructed not to come to work, contact their supervisor and/or human resources department, stay at home and self-isolate; and contact the Ministry of Health on the emergency contacts for further direction.

- Individuals who begin to display flu-like symptoms on site should be instructed to avoid touching anything, take extra care to contain coughs and sneezes, and return home immediately to undergo a 14-day self-isolation period.
- All areas on site potentially infected by a confirmed or probable case should be barricaded to keep individuals two metres away until the area is properly cleaned and disinfected.
- Display the contacts of the company Health and Safety Officer and the Ministry of Health emergency contacts.

STAY SAFE UGANDA

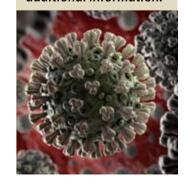




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COVID-19: GOVT'S INTERVENTION TO AID SECTOR'S RECOVERY IS CRUCIAL

ELIZABETH MUHEBWA

UNABCEC, EXECTIVE DIRECTOR

he breakout of COVID-19 and consequently the measures various governments around the world put in place to curtail its spread, led to big challenges in many sectors and world economy. Uganda has not been spared of these challenges and most especially the construction sector.

We must keep in mind that the construction sector is an essential asset of any country's economy because of the wide range of players the industry employs; from technical experts to wage earning labour and the fact that the industry serves both public and private sectors.

Although President Museveni put a

halt on most sector operations not long after the first case of COVID-19 was reported in Uganda, he allowed ongoing construction works to continue. There was a shortfall in this directive because anti-COVID-19 measures restricted movement of essential workers, disrupted supply chains and non-payment of arrears, among others.

Need for government support

It should be noted that even prior to COVID-19, our construction sector faced significant challenges, including lack of a regulatory framework, lack of work, difficulty in accessing finances, delayed payment to contractors, as well as foreign dominance of the sector.

With the pandemic, the already ailing sector has been further hit hard. Before the pandemic, most contractors were burdened by non-payment of arrears by ministries, departments, and agencies. This situation was worsened by the prioritisation of resources to finance activities related to COVID-19 control which resulted in non-payment of certificates due to contractors, thus accumulation of arrears

Subsequently, delayed contract payments has led to delayed/default on financing obligations by service providers with financial institutions which are now risk averse, especially when financing

government-funded projects. The unfair tendency by Uganda Revenue Authority (URA) charging Value Added Tax (VAT) on contractors' certificates even before they are paid has further affected business cashflows.

The restriction on movement of labour and supervision staff even within projects such as roads led to slow and uneconomical work output rates. This led to contract delays and cost overruns, which are potential contractual dispute areas that will need to be resolved. Besides, closing of material sources (hardware shops) meant that certain construction activities could not proceed.

In addition to these, all procurement processes which had started prior to the onset of COVID-19 measures, were interrupted leading to delays and increased costs to the contractors especially on bid security, among others. All these disruptions, which led to stoppage of works, loss of income and manpower, may lead to potential litigation issues and business uncertainty, among others.

It should be noted that any construction firm that is not assured of business tomorrow cannot sustain itself. Therefore, in order to build sustainable capacity in the construction sector, government must support the industry.

This is how

Government should move to reduce the cost of financing capital which is now at about 20 per cent. This is neither affordable nor sustainable for local content policy. Local service providers accessing financing at such a cost cannot compete with foreign providers who access similar financing at cheaper rates from their countries of origin. Thus, government should establish a Construction Industry Development Fund in Uganda Development Bank dedicated towards the development of the local construction industry and support the economic empowerment of domestic contractors undertaking government

The government should prioritise payment of all outstanding domestic arrears to contractors to enable continuity of ongoing projects which will help improve liquidity, alleviate failed contracts arising out of insolvencies of service providers, as well as keep hundreds of business alive and thousands of Ugandans in employment.

Uganda Revenue Authority should relax its punitive measures on tax defaulters, giving a grace period within which, the outstanding taxes shall be paid and waive penalties. Notwithstanding the need to amend the tax laws to allow VAT be remitted when payments have been received by the contractors.

Government should also assist with the provision of financial assistance to contractors in form of guarantees (Letters of Credit) as companies' balance sheets are currently severely weakened. Commercial banks and development financial institutions should institute payment holidays on existing loans and credit facilities to allow companies recover.

Although COVID-19 poses a big threat to the economy, its effects on the construction sector are dire that if nothing is done to revitalise the industry, we will find ourselves importing skills and knowledge for the development of our infrastructure at a higher cost. But the proposed interventions, once implemented, will see the construction industry developed with a strong and sustainable sector, with increased employment opportunities and



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GIQL POWEQ

ALLEN KAGINA

Make recruitment of girls in construction deliberate

> You are arguably one of the role models for the girl-child in the country. For the benefit of all the young and old girls that look up to you, tell us about your journey to the top. How did you get

I don't know if I am at the top. That's just perspective. However, I do acknowledge in relative terms I am perhaps a few rungs up the ladder with more to go. How did I get here? One step at a time, making the right decisions, making many mistakes but always going forward even when it was not

I was fortunate to grow up in a large and warm family environment, with parents who believed in girl education and empowerment. I don't imagine that it was easy for our parents having to educate the 10 of us plus sons and daughters of relatives on a Saza chief's salary. So, we did not live a life of luxury.

I saw my parents work very hard to feed, clothe and educate us and always doing so with unquestionable integrity. I, therefore, had a strong foundation, but building on that foundation was my choice to make. My parents' lifestyle of hardwork and integrity became

my example to follow.

My focus then and now is to have no excuse for failing to try when opportunity comes and especially not to despise what looks like a small or humble beginning. No one started at the top. Even those born into wealth and fame, must find value in integrity and hard work or risk losing what's bequeathed to them.

I studied hard, got good grades and got a shot at good jobs, but the beginning was indeed small. My first job was in my Senior Four vacation, I was an accounts clerk. In my S6 vacation I worked as a shop assistant. The salary wasn't much in both jobs, but I learnt the value of work ethics that lead to promotion. My first serious full-time job was after my first degree in 1986. I was a tutorial assistant at Makerere University. I held this job for three years. At the end of the three years, I joined civil service at the lowest level as an administrative assistant. In 1991, I joined Uganda Revenue Authority (URA) and again, at one of the lower levels. I rose through the ranks to become commissioner general. In 2014 I completed my term at URA and in the following year I was appointed executive director of UNRA, a position I still hold. That is my career jour-

From being at the helm of a tax body to leading a big construction authority, how has that switch worked for you?

In many respects, it was much the same because Lleft URA at the level of a CFO and ioined UNRA at the level of a CEO. This position is a leader-manager position. The principles of leadership and management do not change from job to job, because at this level, your job is to show direction/vision and to resource the journey towards the vision. The difference between my experience at URA and my experience at UNRA is the arena in which I operate. Whereas I led a team to collect resources in URA, I now lead a team to fully utilise and be accountable for the resources given to us to develop and maintain roads, bridges and ferries. In URA, I was a mobiliser of resources. In UNRA, I am a provider of connectivity across the country. In both cases though, I had to learn quickly the basics of the field I was and now in. I have been fortunate

in both authorities to learn from the teams I supervised. I have found that if a leader subjects themselves to be taught by and from the expertise of their subordinates, they tend to build strong and cohesive teams.

Her take

On women mindset change

"In order for women

to get into construction iobs, they must first overcome the cultural barriers that reserve education for the male child. and then their own conviction that the iob is hectic and therefore not for women. In many cultures, growing up, girls are often shielded from the physically tough jobs and allowed to do the light jobs around the home, while the boy child is taught to be tough and brave harsh conditions in preparation to becoming a man."

On men support

"The men in construction have no reason to fear competition because it simply does not exist. There is space for complementarity, not competition. The women engineers and technicians are not edging men out. They are adding their strength to make the industry stronger. Everybody wins. For the men, who still harbour fear, my caution to them is that history will judge them harshly for failing to be counted when it mattered most."

From what you know about construction now, is it a career you would encourage women to embrace?

A resounding YES. There are far too few women in road construction. The few we have are doing an exceptional job and making us proud. In order for women to get into construction jobs, they must first overcome the cultural barriers that reserve education for the male child, and then their own conviction that the job is hectic and therefore not for women. In many cultures, growing up, girls are often shielded from the physically tough jobs and allowed to do the light jobs around the home, while the boychild is taught to be tough and brave harsh conditions in preparation to becoming a man.

This early childhood modelling tends to confer a sense of superiority on the male and submission on the female. Unless the girlchild is reoriented as they grow older, the tough training of the male is in their mind equated to tough subjects at school, Mathematics and Science. The girls study humanities. This, in my opinion and limited understanding, is why we have few women engineers and technicians. Thankfully, the tide is turning, slowly but surely. As more and more girls study sciences, more and more are taking up available space in the construction industry. Deliberate affirmative action at recruitment is still necessary for women to occupy top positions in the engineering fields and particularly in the construction sector.

The number of girls pursuing construction-related courses and subsequently construction careers is still slim. What is your advice to girls who are scared of taking on careers in construction?

That's exactly what it is. Fear. Address the fear factor. What is it that they fear? Until you address that, everything else is rhetoric. Sadly, the school curriculum as it is today is focused on passing exams and not necessarily at learning. Learning sciences should not be an option. The problems we have is trying to teach practical sciences at higher levels. It must be in the DNA of teaching and learning and if necessary incentivize science courses. Secondly, a reservation scheme that targets deliberate recruitment of female employees would give girls opportunity to enter the construction Industry. Thirdly, build the confidence of girls early. There are ample roles models in the industry to emulate. These have a responsibility to mentor and train female engineers and technicians. Ultimately girls must want to join the industry. Therefore,

ALLEN KAGINA

JOINED URA

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make the industry attractive to them.

Role conflict and stereotyping is a common hinderance for women in some careers. Any advice to the men in construction about handling and embracing competition from female counterparts?

I think modern, progressive men don't have a problem with women participating in the construction industry. We, however, have some pockets of old school mentality. These, fortunately are converting as more and more women prove themselves. The Association of Women Civil Engineers is playing a critical role in incubating the mindset change and must be applauded. When change gains momentum, those who embrace change benefit from it. Those who resist change must either succeed at killing the change or die at it.

The men in construction have no reason to fear competition because it simply does not exist. There is space for complementarity, not competition. The women engineers and technicians are not edging men out. They are adding their strength to make the industry stronger. Everybody wins. For the men, who still harbour fear, my caution to them is that history will judge them harshly for failing to be counted when it mattered most.

This year's Women's Day theme is Generation Equality, what measures have you put in place at UNRA to ensure both women and men enjoy equal opportunities?

a) At UNRA we deliberately encourage women to apply for jobs in the engineering department when opportunity comes. This is because the women numbers are still low. There will be a time when there is no need for such deliberate encouragement.

b) We have a gender and equity committee that ensures we are compliant with regard to budgeting. Our budget must be gender responsive to get it approved by Parliament.

c) We consider the unique roles of women who are also young mothers and have provided for a lactating room at headquarters. Stations are also en-



couraged to make space for mothers to breastfeed their babies.

One of the major challenges of career women is juggling work and family obligations. How are you winning at this? How would you advise a young career woman out there who is failing at this?

It really is a growing experience. You learn to make the right decisions with each challenge. Every home is unique and there is no blueprint for success. Even for the women who seem to expertly juggle home and work, there is an equally frustrating story of failure and frustration that you do not see. I have learnt that work-life balance is not 50/50. It is aiming to be 100% what you are supposed to be, where you are supposed to be. As close to 100% as you can, be a career woman at work. As close to 100% as you can, be wife and mother at home. As you get older, you become more adept at this. The only sure formula is when I ask for help from One who has never failed - God.

What is your day like in regards to the scope of your responsibili-

Kagina tips on boosting female

1. Learning sciences should not be an option. The problems we have is trying to teach practical sciences at higher levels. It must be in the DNA of teaching and learning and if necessary incentivize science courses. 2. A reservation scheme that targets deliberate recruitment of female employees would give girls opportunity to enter the construction Industry. 3. Build the confidence of girls early. There are ample role models in the industry to emulate. These have a responsibility to mentor and train female engineers and technicians. Ultimately girls must want to join the industry. Therefore, make the industry attractive to them.

There are really no two days alike but generally, I rise at about 5:30am (pre COVID-19 pandemic, lockdown and everything related to it) and do my devotions and get ready for work. I help my daughter get ready for school too. In office I start with clearing mail that may have come in late the previous evening or early morning. I will then hold or attend meetings. Most work at my level in UNRA is managed via meetings. These may be technical meetings to deal with project matters, or they may be support services meetings related to management of the staff and resources of UNRA. I will visit a project site or meet project affected persons in their locality. I often rush to site in response to where we may have washouts, collapsed culverts, slope collapse, landslides, bridges swept away by floods and other emergencies, to provide leadership to our teams. Also, on a planned schedule I will visit staff in their stations to appreciate their work and resolve challenges. I, therefore, make several upcountry

One of the reasons I love my job is the number of opportunities you get to solve complex problems. It means the stress levels may be high for that reason, but it also provides a sense of accomplishment when a matter is completed successfully.

Given your very illustrious career, what would you say is your greatest professional success story?

Somehow, I think that story is yet to be told. However, there are a number of milestones that come to mind. One is the restructuring of URA in 2004/2005 and the subsequent reform and modernisation programme that allowed URA to meet and surpass its revenue targets. What stands out for me though are the leadership teams we built. The sustainability of any organisation rests on the top team standing together, shoulder to shoulder. In UNRA, a similar restructuring was done with similar results now anticipated. The foundation is in place to make UNRA a formidable player in nation building.

If you were to retire today, is this a job you would be happy to have retired in?

I would be happy to retire in this job. It is a job that draws everything out of you and leaves you satisfied. Your efforts are rewarded when people prosper because you have connected demand to supply, talent to opportunity, product to market.

1 UNABCEC UNABCEC UG





THE LEGAL PERSPECTIVE

COVID-19 EFFECTS ON THE CONSTRUCTION INDUSTRY

DANIEL ANGUALIA

ANGUALIA BUSIKU AND CO. ADVOCATES

cross the globe, the construction industry has been greatly impacted by the coronavirus. In a bid to contain and slow down the spread of the disease, the government put up restrictive measures under the Public Health Act notably, The Public Health (Notification of COVID - 19) Order, 2020, The Public Health (Prevention of COVID - 19) (Requirements and Conditions of Entry into Uganda) Order, 2020, Public Health (Control of Covid-19) Rules, 2020, and Public Health (Prohibition of Entry into Uganda) Order, 2020.

The regulations, among others, provided for closure of hardware shops, required construction sites to provide accommodation for the employees at the site and prohibited employees from leaving the site. It prohibited the use of public and private vehicles except those that were being used in the provision of essential services. The Ministry of Works and Transport also issued Standard Operating Procedures (SOPs) for Building Construction Sites which required construction sites to have in place COVID-19 guidance signage on the site, clinic, First Aid room, among others. Construction sites were required to ensure constant provision of water for hand washing or sanitizers while observing social distanc-

As a result of the above measures, many construction sites and projects had to stall or had activities suspended. Affected projects included; 20km Kayunga-Busaana road, Hoima International Airport construction, Kampala Fly over project among others. For contractors that managed to continue with construction, implementation of the SOPs

had immediate cost implications on

The impact of coronavirus raises many questions in the construction industry such as; (i) Whether a contractor can invoke "force majeure" on ground of COVID-19 in order to suspend execution of works and (ii) Whether a contractor may be entitled to additional costs incurred in the project in connection with the implementation of SOP measures in the construction sites? (iii) Can contractors invoke frustration in the absence of force majeure clause in the contract? This article attempts to answer the above questions.

The standard form contracts commonly adopted in Uganda include: Fast Africa Institute of Architects Form of Contract, International Federation of Consulting Engineers (FIDIC) Standard

Form Contract 1999 and 2017 edition, PPDA Standard Conditions of Contract among others.

Invoking Force Majeure to suspend execution of works

Unlike FIDIC standard form contracts, the other standard form contracts do not define "force majeure" and as such, do not provide explanation of events that may constitute it. For that reason, I will rely on FIDIC Standard Form Contracts to attempt to answer the above

Under the FIDIC forms of contract. either Party may be prevented from performance of its obligations under the contract by Force Majeure. For such party to be excused from performance on the basis of force majeure, he must first give notice evoking force majeure. Force majeure is addressed in clause 19.1 of Red Book, Yellow Book, Silver Book 1999 edition.

The 2017 revised edition replaced force majeure with Exceptional Event which is defined under Section 18.1 of the Red book, Yellow Book and Silver Book. The sub-clauses provide that a "Force Majeure" or an "Exceptional Event (depending on the edition of the book) means an event or circumstance which; (i) is beyond a Party's control; (ii) the Party could not reasonably have provided against before entering into the

Contract; (iii) having arisen, such Party could not reasonably have avoided or overcome; and (iv) is not substantially attributable to the other Party.

> Clause 19.1 then goes on to give some examples of events or circumstances which may constitute Force Majeure. Although epidemics like COVID 19 is not among the examples or events listed in the clause, it is my opinion that the measures imposed by the Government to check the spread of the disease made it impossible for most contractors to execute construction contracts. The measures under the Public Health Act are a force majeure or an exceptional event. They were enacted into laws which all contractors are supposed to abide by.

Entitlement to an extension of time

The relief available to TO COVID-19 the affected party following Force Majeure is among others, entitlement to an extension of the time for performing the affected obligations under Section 19.4 of Red Book, Yellow Book and Silver Book 1999 edition, or Section 18.4 of Red Book, Yellow Book and Silver Book 2017 edition. The time extension must correspond to the period of the time for which the party evoking force majeure was unable to perform. Both the employer and the contractor may also choose to terminate the contract, depending on the period of the force majeure event.

Entitlement to costs incurred in the implementation of SOPs measures

Under FIDIC standard form contracts, the contractor is entitled to be paid for costs incurred in the process of complying with the laws from time to time under Section 13.7 of the Red Book, Yellow Book and Silver Book 1999 edition or under Section 13.6 of the Red Book, Yellow Book and Silver Book 2017 edition. As pointed out earlier, the Public Health Regulations (law) imposed specific COVID-19 health and safety measures by requiring Contractors to among others: accommodate workers at the construction sites, provide sanitizers, running water. It is my opinion that costs incurred in the implementation of SOPs measures may be recoverable by

contractors

STALLED KAYUNGA-

BUSAANA RD DUE

Invoking frustration in the absence of force majeure clause

A party to a contract can only invoke force majeure relief if the contract provided for it. Bearing in mind that some construction contracts do not provide for force majeure, such parties can make recourse to the doctrine of frustration of contract. Section 66 (1) of the Contract Act 2010 provides that where a contract becomes impossible to perform or is frustrated and where a party cannot show that the other party assumed the risk of impossibility.

> the parties to the contract shall be discharged from the further performance of the contract. Section 7 Clause 62.1 of the PPDA General Conditions of Contract for the Procurement of Works also provides that if the Contract is frustrated by the outbreak

of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Manager shall certify that the Contract has been frustrated.

If the construction contract became physically or commercially impossible to perform, due to the SOPs imposed by the government as a result of COVID-19, the doctrine of frustration can be invoked to discharge the parties from their obligations. However, frustration should only be invoked as a last resort because unlike force majeure which would entitle the parties to an extension of time, frustration would lead to termination of the contract which may not necessarily be the intention of the

Conclusion

There are many other aspects of construction contracts that may be affected or continue to be affected by the SOPs. For that reasons, parties to the construction contracts need to constantly review it to ascertain their rights and obligations to ensure they communicate with each other whenever need arises. Entitlements only arise where the necessary notices have been given under the subject contract and within the stipulated time.



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A World of Inspiration

Mota-Engil Group Environmental Risks — Mitigation Measures

The Mota-Engil Group has a business record of more than 70 years, marked by a culture of entrepreneurship and innovation in a constant search for new horizons.

As a leader in Portugal with a consolidated position in the ranks of the 30 largest European construction groups, Mota-Engil is making its mark in 28 countries, in three distinct geographical areas – Europe, Africa and Latin America, with holdings in over 200 companies, Mota-Engil assumes a position in the market according to the values and cultural identity of the organisation, grounded in a unique and integrated strategic vision for the Mota-Engil of the future: a more international, innovative and competitive Group on the global scale.

Africa is a natural market for the Mota-Engil Group due to its long-standing and acknowledged experience which began in Angola in 1946. With an unrivalled position in Africa thanks to an ongoing investment in its capacity for the mobilisation of resources for the completion of large-scale projects, Mota-Engil Africa has a strategic perspective in the long term and a broad horizon of action while it endeavours to establish ever closer partnerships in infrastructure projects in areas as varied as Transport and Logistics, Energy, Oil & Gas, Mining and the Environment. By expanding into new markets of the SADC space, Mota-Engil Africa holds the technical and financial capacity to develop projects tailored to its customers' needs, bringing the African continent into line with its potentialities.

PROJECT: CAPACITY IMPROVEMENT OF THE KAMPALA NORTHERN BYPASS

The Kampala Northern Bypass (KNB) forms a 21Km arc through the northern suburbs of Kampala City allowing traffic between the East, North and West of the country to bypass Kampala without crossing the Centre. It starts at the Busega Roundabout and ends at the Namboole Interchange on the existing Kampala-Jinia road.

The Bypass is a vital core part of the Northern transport corridor for Uganda and the region, connecting the port of Mombasa to the main capital cities of Nairobi, Kampala and Kigali and at the same time, South Sudan and the Eastern border of Congo. The Bypass was originally constructed with the

European Union grant support and was opened to traffic in 2009 as a single carriageway road in most of its length. Since then, the city of Kampala has expanded due to its population's increase and the Northern Bypass became a very busy and congested urban road, not able to serve both the local and the passing-by traffic.

The current "Capacity Improvement of the Kampala Northern Bypass" includes widening of the road from 2 to 4 lanes and the construction of 6 fly-overs replacing the existing intersections. As the initial construction's stage the project is co-financed by the Government of Uganda and the European Union.



ENVIRONMENTAL IMPACTS - BORROW PITS

During the construction of the road, lateritic material was required for the road works. As a result of this construction work, Mota-Engil acquired borrow pits to supply lateritic material to the road construction works. Before a borrow area is exploited an excavation and reinstatement plan submitted detailing the aspects the contractor has deal with.

The excavation and reinstatement plan consists of the Location (chainage) of the borrow area the type and quantity of material excavated, the Biophysical and Social Baseline information, a working plan for exploitation, a restoration plan, giving details of final grading, drainage and sediment control, re-soiling and vegetation measures and design after use. The mitigation measures to be implemented in during

exploitation of borrow areas, is that when one section has been exhausted, it has been restored at the same time as a new section is being opened, all in accordance with the overall planning of the road works, the access has also to be restricted and the spoil has been used in landscaping/rehabilitating of the borrow pits.

On completion of road construction and extraction of the material, Mota-Engil is required to restore the site to as near as its original status. The restoration of borrow pits is required by the National Environmental Act, 1995 as part of environmental mitigation measures when the borrow area it is no longer required. Mota- Engil environmental team started the operation of seed planting of the grass species Choris gayana in order to minimise the erosion of the slopes holding the soil and reducing the water flow. This species was chosen because of having strong roots and also for being a good pioneer species and facilitator for other species.

ENVIRONMENTAL IMPACTS – WASTE MANAGEMENT

Construction waste and overburden dumped in road-side spring wells pose public health risks to communities which has the potential to cause water scarcity in some urban communities which may not have alternative sources of water. As mitigation measures Mota-Engil has put in waste management procedures to avoid impact to local water sources. Waste may be reused or valued at the worksite. Moreover, materials or products removed from the worksite may be reused for safety and public health reasons provided that they comply with technical so Mota-Engil has in place a sensitization program of workers about potential for environmental contamination due to improper waste management practices ant it also ensures there are adequate sanitary facilities. At the site we also implement plastic campaigns which every worker is entitled to collect 5 items or pieces of plastic and to put them in the garbage bin. After that a sensitization is given by the environmental and Health officers talking about the negative aspects of having plastic on the floor and water lines.

One of the important environmental and health risks that are increasing during the development of this project and for nearby future when it will be concluded it is the community waste rather than the construction waste. Residents along the Kampala Northern Bypass have few options for disposing of waste and sewage. The garbage collection points, are now being at the side of the road at nearby neighborhood. Residents wait at night, when it is dark, and leave the garbage on the side of the road and sometimes in the drainage channels. Kampala collects between half and two thirds of the waste it creates and transports it to the city's only legal landfill: Kiteezi. Occupying an area of 14.5 hectares, the mountains of Kiteezi waste grow between 1,000 and 1,400 tons per day.

The Kampala City Council Authority (KCCA) says the landfill to be overflowed should have been closed a decade ago. The Kiteezi dump is at a dangerous intersection between urbanization and climate change. As Kampala grows and the poorest residents settle in swampy areas at the base of the hills, the city loses the natural drainage systems that used to absorb rain. The World Bank estimates that the Kampala wetland area dropped from 18% to 9% between 2002 and 2010, leaving the water with fewer places to drain. But waste stored in open landfills or left on the ground also poses a threat to

drainage, as it can easily clog and block streams and channels. During storms, water that could have been drained flooded the city's informal settlements. This combination of waste, precarious housing near by the Kampala Northern Bypass and stronger storms will leave the poorest residents of Kampala increasingly exposed to flash floods during the rainy season, risking cholera and diarrhea. The mixture of garbage and water that the population is consuming definitely increases the chances of waterborne illnesses, it is a cycle in which one vulnerability leads to another impact and brings more negative impacts. Mota Engil is aware of this situation and is helping KCCA collecting the community waste along the Bypass and engaging all the stake holders so that they are also giving their contribution for a better life of the Kampala communities.







MOTAENGIL

A World of Inspiration



A DAY IN THE LIFE OF A SITE ENGINEER

Joseph Muhonga Tembo Site engineer, Rodo Contractors Ltd.

ite engineers are an integral part of the construction industry, and on any construction project and whereas their roles and responsibilities are wide, the major responsibility of a site engineer is to read and understand the plan, and see to it that it is implemented correctly. They spend most of their time on site,

overseeing the construction process.

I have been a site engineer on road construction sites for the past 15 years. On average, my day starts at 6am when I wake up, spend 10 minutes on personal administration, have breakfast in 10 minutes and head out to work at 6:30am.

Before leaving the workplace every evening, I ensure that I know how much we have accomplished and how much is pending so that I know where to start from to prepare for the next day's work.

Typically, when working on a project, we make daily, weekly and monthly workplans and these become the mirror and timelines for the day's programme. While planning, therefore, I start by looking at priority areas, and especially where I have run short.

It is usual in our work to get hindrances that bar us from accomplishing the set work. You may, for example, face inconveniences beyond your control such as rain. It may spoil the completed work or just make you halt the work for some hours or days.

Therefore, when planning my day, I have to plan on how I am going to catch up with assignments lagging behind and at the same time, accomplish the set work for that day.

Skills a good site engineer must have

- Good AutoCAD skills software used for drawing.
- Good analytical and operating skills in drawing together with good skills in interpretation of drawings because all the work to be done is on drawings and hence ability to interpret them is important.
- Good communication skills in passing on information to subordinates and superiors together with
- other different entities on the project.
- Good listening skills to complaints that arise between different entities/ sections on the project.
- The ability to interpret, analyse and make decisions that you see fit for the requirement at the time.
- The ability to read, understand and analyse the specifications.
 There are two specifications; stan-
- dard and special specifications. Special specifications are unique to a project while standard specifications are general. A site engineer should be able to read and implement the two.
- Good command of language; it is necessary that one understands the project language - English, French etc since one has to understand what they are going to implement.

I also start the day by assessing myself. Did I achieve what I had planned to do yesterday? If I did, how much cost was incurred for the work and how much did I gain from it because it is from this that I earn. And if I did not achieve my day's target, what made me fail, and how am I going to overcome it?

When I get to the site between 7:30am and 8am, I start playing my monitoring role. This includes distribution of resources such as machinery, manpower and ensuring that everyone is already stationed at their section.

I also have to monitor that the manpower has all they need; in terms of gadgets, materials, water, protective gear as well as briefing everyone on our day's plan.

Then I embark on supervising the work to ensure everything is being implemented according to plan.

We work under instruction and as a site engineer, I have to ensure that everything is done per the instructions so that when a section is tested (by the contractor's team and the consultant/ supervising teams) it passes the test. For a section to be completed, the levels and the Field Density Test (FDT) results must meet the set standards and then it can be approved and a certificate is

sued

If anything does not meet the standard, the section is not approved, and if is not approved, no certificate is issued for the section, which means that I cannot be paid. That is why I have to ensure that our work is up to standard, so that it passes the test.

Additionally, while doing our work, there could be changes in the plan. For example, the directions may be to excavate 200m to remove soil. As a site engineer, I may see that the intended result has not been achieved, so I have to consult again with experts for clarification or different instructions.

My duty then becomes passing on that information to the team on ground. But this does not deter me from ensuring the day's work proceeds as planned.

It is also important to note that I do not work alone. On most projects, I work with site surveyors, consultants, safety officers, environment officers, foremen, and mechanical engineers, among others.

However, on some projects, I am supposed to reside on site because I am the major consultant making it difficult to delegate.

If the worst comes to the worst, I can delegate to someone trust-

worthy, with whom I have had a good working relationship for a long time. In other words, I don't just drop materials on site and go away, I see how the work is going and, in most cases, delve into the work and do things like setting out

do things like setting out and the layers.

In the event that I am overseeing more than one project, I must delegate someone I trust. But again, if you have developed good teams of people who know what to do and what the company stands for, it makes the work easier. Normally my work day ends at 7pm, though it can stretch upto 8pm in some cases.

As narrated to Desire Mbabaali

Responsibilities

To break them down:

- The biggest part of my work is interpreting drawings from the consultant and where there are discrepancies, we communicate with the consulting team for change. I then oversee the implementation of the drawings.
- Organising and coordinating the teams on site for work and see to it that the work meets the required standards.
- Together with safety officers, I make sure that we comply with the safety measures. For example, if there is a new activity that is going to take place, I call meetings on ground (toolbox meetings) for the teams going to work there, let them know the involved risks, the precautions they must take and how to overcome the risks.
- As a site engineer, I am also the time and production manager. I assess how much work has been produced within a given period of time.
- Additionally, I coordinate the different teams to produce work. For example, we have equipment on site and it is under the mechanical engineer. If there is a problem with the equipment, I have to coordinate with the mechanical engineer so that it is fixed to enable production to take place.
- Sometimes when I am not in the field, I also do some work at the office such as drawing programmes, doing a computation of volumes done, draft progress records that include work produced, obstacles met and solutions employed.

nd then

NUMBER OF

YEARS AS SITE

ENGINEER





It's now or never

By UNABCEC Staff writer

mid the coronavirus pandemic, public polling places present a threat to public health. But avoiding to vote threatens the health of the Republic of Uganda. Now that the government has decided to go on with the General Elections in 2021, the construction industry plus all its stakeholders who care a great deal about the leadership of this country are ready to participate and make an impact against all odds.

To construction voters

With just months left before the 2021 General Elections, it's now or never for construction voters. All politicians are preparing. These coming elections are particularly vital for our construction industry. The outcome of these elections will have a significant impact on national political, economic and required ing significant challenges, including latory policy. Regardless of who wins the next elections, if the construction industry doesn't turn out and vote in large numbers, we will have a lot to

The ultimate power we wield is the fact that each one of us is a constituent. Politicians ought to know how regulations impact your business and progrowth policies. Don't waste your vote on candidates with selfish motives. The industry needs leaders who will focus on its development. Fortunately, none of us lacks the intelligence to get out there and vote in this national election. So, remember every vote counts-make sure yours is one of them or don't complain.

To Politicians

Uganda's construction sector is fac-

lack of work, poor access to finances, lack of capacity in terms of financial and equipment, late and non-payment of contractors and professionals, lack of a regulatory framework, foreign dominance, to mention a few. If the status quo remains unattended to, we risk losing most construction businesses which are on the verge of collapsing, plus all upcoming firms.

UNABCEC advocates for a number of interventions to be addressed by the government in order to introduce and run effective contractor development programs that shall promote a sustainable construction industry. Get in touch with us to have these incorporated in your manifesto and be assured of construction votes.

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STRICT REGULATION KEY IN **ELIMINATING SHODDY WORK**



BY ALAN GILHAM

PHD FCIOB



ganda's construction industry is faced with the challenge of shoddy works, which sometimes arises from contractors who would like to make profits out of the project at the expense of quality. And sometimes contractors embark upon projects for which the client does not have the necessary finances. How can these situations change?

Ideally, these problems appear solely upon contractors to solve. However, the solution lies in a combination of improved and consistently enforced regulation, improved management and supervision by clients and increasing professionalism throughout the industry. Changes have to be made by regulators,

clients, contractors and practitioners.

Research done in the UK during the 1990s concluded that regulations and clients are the two most influential drivers of quality and performance in the construction industry. It was determined that around 80% of construction stakeholders were driven only by regulation. The remaining 20% were striving for standards that exceeded regulatory standards and these were driven by client demand.

Despite many efforts to improve performance in the UK's construction industry, starting with initiatives such as 'Constructing the Team (Latham 1994), and 'Rethinking Construction (Egan 1998), I see the same problems persisting, perhaps illustrated by the UK government's recent crackdown on 'shoddy housebuilders'.

Having spent the last 20 years working in Sub-Saharan Africa, I can see the same problems occurring in every country where I have worked.

The conclusion I draw from my experiences in building research and construction practice, is that good regulation and its consistent enforcement is probably the most influential factor in pushing up standards and performance improvement across the industry.

Of course, that always assumes that regulations are respected by construction industry stakeholders, in this I

include the clients, contractors and the regulators also. Where there are high levels of informality, poor enforcement and large numbers remain outside of the regulatory framework, standards of construction appear to be worse and the ability to improve those conditions relies far more on spreading the regulatory net than improving the standards.

What goes wrong

Applicable to construction industries throughout the world, I see regulation coming in three forms:

(i) the technical standards to which buildings and structures must be designed and built,

(ii) regulations that govern the qualities of those who can enter the market.

(iii) professional standards and ethics.

Taking the first of those, the failure to adopt technical standards is probably the most obvious failure suffered by clients and users of buildings. The worst-case scenarios leading to building collapses, deaths and injury. It is probably fair to say that the least regulated countries suffer the most severe building collapses and failures.

The second, but less obvious is the role of 'market' regulations. Think about

market regulation as the conditions which have to be satisfied to gain a 'license to operate' in the sector. The purpose of market regulations is to set out the minimum financial, managerial and technical capabilities expected of a firm that wants to provide construction services to clients. There is often a register of contractors kept by public sector bodies who commission construction works but rarely anything which provides the same sort of assurances for private sector clients.

The third component of the regulatory framework is professionalism. What does this mean and how is it regulated? I look at professionalism as the 'glue' that holds the rest together. It is the unspoken behavioural code which is upheld by individual practitioners.

Role of professional bodies

Even the best regulations in the world will be ineffective if they are not respected and enforced, and in my opinion, this comes down to professionalism. In this case it is the professional bodies and trade associations such as UNABCEC, UACE and UIPE who play a significant role, setting and enforcing competency and ethical standards for their members. Professional bodies and trade associations are most effective if their roles are embedded in law. What has become apparent to me from my 40 years of experience in the construction industries of Europe and sub-Saharan Africa is that clients and contractors will continue to flaunt standards unless there is comprehensive regulation and effective enforcement across the technical, market-entry and professional standards.

What is also apparent to me is that competent, law abiding and professionally-minded construction sector clients, consultants and contractors have nothing to fear from any kind of regulation, as long as it is enforced properly.

Not only do they reduce the incidences where clients are tempted to flaunt the rules and contractors are tempted to cut corners but they create the 'level playing field' sought by clients and contractors in which they can operate with confidence. And we all know, don't we, that confidence and trust are at the heart of any successful business.

Gilham is a chartered Construction Manager, Fellow of the UK's **Chartered Institute of Building** and an independent consultant for performance improvement and institutional reform.



CONTRACTOR



BUSINESS ETHICS

Avoid backdoor deals in the construction

JULIET S. NAMITALA-KIRWANA

PARTNER, AKN ADVOCATES

n an economy steeped in several forms of unethical practices among professionals, the key stakeholders in the Ugandan construction industry are not immune to the common unethical practices which include kickbacks, bid rigging, fraud, bribery, bill inflation, breaches of environmental protection laws, among

However, kickbacks and the acceptance of bribes/gifts are the most common forms of unethical practice in the Ugandan construction industry. It is apparent that while the academic and practical training of construction professionals is rigorous and lengthy, there is not much emphasis on the importance of ethical practice as there is on the technical study

The inevitable adverse effects of those disreputable practices are often exposed when unfortunate incidents occur. These include terrible accidents resulting from the collapse of buildings/infrastructure erected negligently, and clients' loss of faith in the construction industry. The need for engineers, architects, quantity surveyors, project managers, designers, and contractors to practice strict adherence to ethical behaviour is therefore an urgent one.

The stakeholders in the construction industry must recognise that the rewards of implementing construction projects uprightly are further-reaching than those of business obtained through underhanded means. Adherence to ethical codes can foster an environment where construction businessmen realistically compete for work based on merit.

Kickbacks and bribes

Kickbacks are defined as bribes paid incrementally by contractors to those in charge of contract awarding decisions. Kickbacks are no different from bribes as the end goal of both actions is to influence the decisionmaker to issue a decision in the favour of the one who has offered it. The slight difference is that bribes are characteristically one-time payments whereas kickbacks are often spread out over the duration of the contract. Kickbacks have become YEAR OF MUKONOnormalised by profession-KYETUME-KATOSIals who dress them up **NYENGA ROAD** in clever expressions like SCANDAL 'facilitation' and 'handshakes'.

The stages in construction projects at which kickbacks are offered include expression of interest, proposal, bidding, awarding, intervention, monitoring and evaluation.

The ripple effect of kickbacks and bribes is evident in the failure of the recipients to supervise and quality-assure construction plans submitted for approval. Kickbacks further allow for unregistered and incompetent 'engineers' to supervise construction projects which has had di-

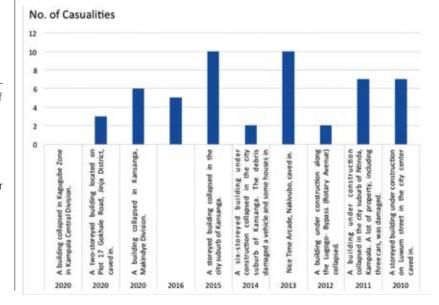
sastrous effects such as non-supervision, intimidation, conflict of interest, loss of confidence in the profession, poor quality works, illogical contractor selection

> and in the worst case, building and infrastructural accidents/ damage.

Numerous construction accidents have been reported in Uganda over the past decade and in most of the cases the Physical Planning Department of KCCA and other local government of-

fices have cited neglect of construction guidelines, alteration of approved plans without the consent of authorities. night-time construction by individuals without approved plans to avoid detection/arrest and refusal to comply with orders to review structural processes.

A summary of the accidents and sustained causalities/deaths is provided below;



Similarly, large-scale infrastructural projects face related challenges as evidenced in the infamous Mukono-Kyetume-Katosi-Nyenga Road scandal of 2014 in which it came to light that Eutaw Construction Limited (EUTAW) which won the bid for the above road project, was not the company implementing the works. Instead the actual project work was being carried out by Chongging International Construction Corporation (CICO); contrary to the contract between EUTAW and the Uganda National Roads Authority which forbade subcontracting.

Additionally, it was discovered that EUTAW was merely a briefcase company that had no actual physical address in the USA where it was purportedly registered. Investigations into this matter uncovered bid-rigging and massive pay-offs to individuals in key decision-making positions which explains how a briefcase company with no capacity to build a road won a bid and even received advances to the tune of more than Shs20,000,000,000.

Encouraging the construction businessman to practice ethics

It is not in dispute that there are several laws (the Physical Planning Act, 2010; The National Environment Act, Cap 153; The Uganda National Roads Authority Act; The Uganda National Roads (General) Regulations, 2017; The Public Procurement and Disposal of Public Assets Act, 2003 and the regulations thereunder) and codes of conduct (the

BANK OF UGANDA Engineers' Code of Professional

Practice and Ethics, and Disciplinary Procedures), that govern construction practice.

Unfortunately, the prevalence of chronic malpractice speaks to a weak link in implementation. Ethics cannot be implemented with force as they are born out of conscience and value systems. However, they can be encouraged, praised and rewarded arm-in-arm with the law. After all, actual physical public safety and environmental protection rely on them. A few pointers to boost ethical morale of the construction businessman are indicated below:

ers – after due process of the law. Punishments should be proportionate to the aravity of the offence; to deter copycat offenders. The prosecution of offenders whose violations of good construction practice results in the death and injury of others, loss of property and environmental degradation of the environment

i). Adequate punishment for offend-

should not only be severe but swift to encourage fellow practitioners to uphold good practice. ii) Encourage whistle-blowing on

parties taking part in any conduct which gives one party an inappropriate benefit over another as opposed to assessment based on merit. The Uganda National Roads Authority calls on the public to

whistle blow through an address specifi-

cally dedicated to that purpose (whistleblower@unra.go.ug).

iii). The Public Procurement and Disposal of Public Assets Authority discourages unscrupulous tendering practices by blacklisting contractors and suppliers who are found to have used bribes, kickbacks and other underhanded methods in their bids for government tenders. The blacklisted companies face bans from submitting tenders for government work ranging from a few months to several years. More awareness about such remedies can empower construction businessmen who are honest in their dealings.

iv). Conducting all tendering processes with fairness, honesty and transparency at all industry levels to build the trust and confidence of stakeholders in the contracting systems. When the public trusts that tendering processes are fair, they are deterred from making offers for bribes and kickbacks.

v). Sourcing independent procurement **audits** to check the authenticity of public procurement processes.

It is the work of all the stakeholders in the construction industry to change public perception and eradicate the status quo which leaves a lot to be desired. Engineers, architects, quantity surveyors, project managers, designers, and contractors must believably demonstrate that honesty and merit are core values of their practice.

This will give a fair chance for profound quality to become the norm in structural and infrastructural projects. They must demonstrate their willingness to be accountable to the public and their professions before they can earn from them. Finally, the public must witness a system that

> works to punish, blacklist and shame those who bring disrepute to the construction industry.

Tips on how to boost ethics in the construction sector

- Punish the offenders after due process of the law. Punishments should be proportionate to the gravity of the offence and should be swift to encourage fellow practitioners to uphold good practice.
- Encourage whistle-blowing on parties taking part in any conduct which gives one party an inappropri-
- ate benefit over another as opposed to assessment based on merit.
- The Public Procurement and Disposal of Public Assets Authority discourages unscrupulous tendering practices by blacklisting contractors and suppliers who are found to have used bribes, kickbacks and other underhanded methods in their bids

for government tenders.

- Conduct all tendering processes with fairness, honesty and transparency at all industry levels to build the trust and confidence of stakeholders in the contracting systems.
- Source independent procurement audits to check the authenticity of public procurement processes.

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A must have in construction

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"With the

increasing

competition

from big

players in the

construction

industry and

the quest

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that could

curtail their

services which

is called The

Contractors All

Risks Insurance

(CAR)."

uite often when people are asked who in their opinion needs insurance, some of the answers will be: 'the rich, for they have lots of assets to

While others will say: 'business men and women' who have businesses and property at risk. Well, both answers are not wrong, certainly property and businesses are always exposed to risks, which if not protected could cause serious financial/stress setback to the owner, the employees and the government at large (loss of tax).

However, the broader picture is that we all need insurance protection, depending on our circumstances to mitigate risks and losses or liabilities rising from our area of operation and profession.

The main task of the risk management is to ensure an optimal riskreturn relation through a variety of available risk management methods. Risk retaining traditionally occurs as a supplement to the transfer of risk to the insurance companies such as SWICO and this form of hedging is applicable in situations where the possibility of risk and intensity of the adverse consequences are small.

As contractors and engineers, you render a very noble and crucial service to the community and in particular the government and all its parastatals because some of you are entrusted with the finances of the country, which calls for the highest duty of care as you go about your professional duties.

With the increasing competition from big players in the construction industry and the quest for global standards, it will not be long before government enforces mandatory minimum coverage to protect both the public and professionals against exposing themselves to liabilities that could curtail their services which is called The Contractors All Risks Insurance (CAR).

> The realisation is that those engaged in the provision of services are at the same time employing a number of others thus contributing to the reduction of unemployment in the country. Any sober government would certainly be interested in seeing to it that continuity of these sectors is protected and put measures in place to prevent them from collapse or closure due to liability risks that are insurable.

Insurance has evolved as a process of safeguarding the from loss and uncertainty. It

may be described as a social device to reduce or eliminate risk of loss to life and property in general.

Insurance contributes a lot to the general economic growth of the society by providing stability to the functioning of process. The insurance industries develop financial institutions and reduce uncertainties by improving financial resources and stability.

Provide safety and security

Insurance provides financial support and reduces uncertainties in business and human life. It provides safety and security against particular events. There is always a fear of sudden loss. Insurance provides a cover against any sudden loss.

to the family of the insured on death. In case of others, insurance security is provided against oss due to fire, marine/ goods in transit, personal accidents, accidental damage and loss, burglary/theft all of which incidentally can affect construction assets and human resource.

insurance financial assistance is provided

Spreading of risk

Insurance facilitates spreading risk from the insured to the insurer. The basic principle of insurance is to spread risk among a large number of people. A large number of persons get insurance policies and pay premium to the insurer. Whenever a loss occurs, it is compensated out of funds of the insurer.

Generates Financial Resources

Insurance generates funds by collecting premium. These funds are invested in government securities and stock. These funds are gainfully employed in industrial development of a country for generating more funds and utilised for the economic development of the country. Employment opportunities are increased by big investments, leading to capital

Promotes economic growth

Insurance helps to mitigate loss, financial stability and promotes trade and commerce activities, which result in economic growth and development. Thus, insurance plays a crucial role in sustainable growth of an economy.

Medical support

A medical insurance is considered essential in managing risk in health. Anyone can be a victim of critical illness unexpectedly. And rising medical expense is of great concern. Medical Insurance is one of the insurance policies that cater for different types of health risks. The insured gets medical support in case of medical insurance policy.

Life insurance encourages savings

Insurance does not only protect against risks and uncertainties, but also provides an investment channel too. Life insurance enables systematic saving due to payment of regular premium. Life insurance provides a mode of investment. It develops a habit of saving money by paying premium. The insured gets a lumpsum amount at the maturity of the contract. Thus, life insurance encourages savings.

Large funds are collected through premium. These funds are utilised in the industrial development of a country, which accelerates the economic

growth. Employment opportunities are increased by such big investments. Thus, insurance has become an important source of capital formation.

Statewide Insurance Co (Swico), a member of this association, has many insurance products among which is the professional indemnity insurance policy that can be tailored to meet your particular circumstances in the event of such liability, Contractors Liability Insurance (CAR), that covers much of the projects under taken by the contractors.

This is so because it covers employees under worker men's compensation, machinery breakdown, contractual works and it is needed at the contract signing as a fall back for the government (principal) in cases where projects backfire.

As contractors, it would be beneficial to take advantage of these covers under the umbrella of the association for ease of monitoring and administration or to encourage various individual members to take variety policy covers for their business. This insurance can be arranged with individual and group limits per event and an aggregate limit of cover that may be agreed upon between the association and the insurer.



CONTRACTOR

GRADUATE TRAINING

An opportunity every student must seize

SILVER JONER LUKALU

PERFECT MULTIPLE ENGINEERING AND CONSULTANCY SERVICES LTD

onths before I graduated from Kyambogo University with a Bachelor's degree in Civil and Building Engineering last year, I saw a post on social media by UNABCEC. It was inviting students for graduate training.

This was my last semester, I didn't want to go back home after my studies and frankly speaking, I had a conviction to apply. I was scared of applying and not make it through, so I delayed but later, I took a leap of faith and submitted a week before the deadline day.

I sat back and waited. Three months later I received a call from Perfect Multiple Engineering and Consultancy Services Ltd.

The human resource officer told me they had seen my name at UNABCEC and wanted to see whether I could be part of their team. When I replied in the affirmative. I was asked to come in the following week - on a Tuesday for

Only three of us sat the interview: including one male student and a female. Contrary to what I had expected, the interviews were oral and had two aspects: personal questions and the other about developing bills of quantities and quotations.

I went back home with a promise that I would be called again. A few days later, a call came in inviting me for further interviews. This interview was oral, too, and the three of us, like last time were present. This time while sending me off, I was told to come back the following week and start work. And on July 31, 2019, I joined the team.

The training

The training was going to last three

For any student out there, there is reason to seize such opportunities when they come. From my experience, graduate training opens up your world and gives you a certain level of experience and edge over vour colleagues even before vou graduate.

months. I spent the the first two being oriented on how to merge the theoretical aspect of the profession with the practical aspect. I was being shown how the company runs, with the different departments and how they work with each other. I was being taught how to develop quotations and as time went by, I learned how to come up with bills of quantities. This became a routine task

As contractors, we receive auotations from clients, price them and submit them for bidding. We also carry out surveys as requested by the client. This is what we do on a daily basis, and in case we receive a project, we discuss internally as a department and then proceed with the execution. After learning all this, I was sent on my first field assignment to Kabale District to survey a health centre deep in Bwindi Impenetrable Forest.

I was supposed to visit the site, make a report for the client, see the problems on-site and offer solutions. This is when the real work started. My supervisors wanted to assess how much I had grown and on returning, I had to work on quotations, do the drawings, basically, all the necessary aspects for a project to kick off.

I gave the report to my supervisor when I returned and he gave me feedback, correcting me where I was wrong and affirming me where I was right. Although doing this assignment was challenging, it set pace for

my next assignment. In fact, it made me better.

Going forward, I kept receiving more of such assignments but another memorable one happened between August and September last year. I was assigned to manage a roofing project in Kampala, near Ministry of Health offices. Here, I learnt many more lessons.

I had to manage the site, deal with workers, prioritise what to do depending on the funds we had. Yet, I had to do all this under minimal supervision. all these were exciting projects for me which made me learn and before I knew it, the training period had elapsed.

After the training

I was, however, told (albeit verbally) to come back and work with the company. I am still with them to date. I receive pay at the end of the month and costs incurred while doing the company work, are met.

For any student out there, there is reason to seize such opportunities when they come. From my experience, graduate training opens up your world and gives you a certain level of experience and edge over your colleagues even before you graduate.

The training boosted my confidence in the engineering field. It showed me the path to take and by the time I graduated, I knew what I wanted to do.

Even better, graduate training gives you a chance to learn how



to work with different people because when you get employed, you start dealing with people from different backgrounds and you ought to be prepared to deal with them.

Most importantly, graduate training gives you humility. Since you join the organisation at the lowest level, it puts you in a humble position to learn. You do everything you are asked to do, which improves your skills, but also puts you in a position of serving others before you are served.

You also understand where you are, and where you are not. It opens your mind to what you should learn so you don't assume you know much when you actually don't.

Everybody is welcome

However, graduate training is not just for students, university graduates, too, can benefit from it. It is very painful for a parent to see you at home everyday when they expect you to have started work. Graduate training is something to consider while waiting for a job opening.

My humble request to companies is to open their doors for students but also to train them in a variety of skills so that we create people who can do everything. I implore companies to allow trainees to bring in ideas into the existing system because as the sector evolves, so does knowledge and sometimes, these trainees from school have that knowledge. This does not necessarily mean that we must agree, but let those ideas be shared instead of just pushing them away.

Additionally, if/when you find interest in a trainee and want them to stay, commit to them with a legally binding document for the sake of both the individual and the company.

Over and above all, my sincere gratitude goes to UNABCEC for the graduate training initiative, but also for the care. They kept calling me to know how everything was going and asked about my wellbeing to the smallest detail. As for the company that gave me an opportunity to work with them, thank you for this once in a lifetime opportunity.

As narrated to Desire Mbabaali

1 UNABCEC UNABCEC UG







JAMES OTTO

INVESTMENT MANAGER INFRASTRUCTURE, UGANDA DEVELOPMENT BANK

he construction sector represents the backbone of most developing economies, as it provides the foundation for infrastructure development, and it is therefore a multiplier for all other economic sectors that rely on such infrastructure. Estimates from the Uganda Bureau of Statistics (UBOS 2018) suggest that the construction sector directly contributes to approximately 7 per cent of gross domestic product (GDP).

This growth in the construction sector is largely attributed to the accelerated rate of execution of public and private investment in infrastructure. The contribution of the construction sector to the GDP is further expected to increase as the

country focuses on building its capital stock, to address infrastructure deficits to lower the cost of doing business and facilitate the exploitation of the country's oil resource.

Despite the surge in activities, the industry still faces major challenges which hinder its competitiveness and growth. Among the challenges is the weak local contractor capacity (financial capacity, equipment capacity and human resource capacity), weak regulation, delayed payments, presence of briefcase companies, corruption in procurement and contracting processes among others.

Because of these, the construction industry today is dominated by

foreign contractors and local contractors are left to fight for the Government reserved contracts worth Shs10 billion and below and the mandatory PPDA requires that 30 per cent of the value of procurement contracts above Shs45 billion by foreign companies be reserved for local suppliers.

A recent survey by a Makerere University student to determine the impact of financing on the competitiveness of local construction companies in Uganda, revealed that of the 36 contractors interviewed, though there was access to credit facilities, financial institutions provided financial tools that do not meet the needs of the industry and the terms were not favourable.

This is not surprising as the financial

sector has always been on the receiving end of SME ire because of the high interest rates. We shall briefly discuss some of the factors that influence interest rates in the subsequent paragraphs.

Consider other financing options

Many contractors are always quick to run to the bank for a loan whenever they have a contract to execute. However, as a rule of thumb; the contractor should only consider approaching the bank after other cheaper financing options have been exhausted.

This is because the bulk of the financing needed in the construction sector goes towards meeting the day-to-day working capital needs such as payment of wages, salaries and suppliers which may account for as much as 60 per cent of the total funds required.

The first source of funding which every contractor must consider is the Mobilisation Advance Payment (MAP) which is the payment made by the client to the contractor for initial expenditure in respect of site mobilisation, and a fair proportion of job overheads or preliminaries.

During negotiation and contracting with the client, every contractor must insist that MAP is included in the con-

tract. Usually clients agree to 30% of the contract sum upon presentation of a guarantee.

Trade credit

The second source of funds for a contractor is trade credit, which refers to the credit a contractor gets from suppliers in the normal course of business. As a rule of thumb, contractors should build win-win relationships with their preferred suppliers so that they do not have to pay cash immediately for purchases made.

Under normal circumstances, supplier payments should only be done upon receipt of milestone payments from the client. Where applicable, contractors should also consider the use of accrued expense where routine expenses such as wages, salaries are differed and paid at the end of the month rather than daily.

The aim is to try and synchronise payment of expenses with receipt of milestone payments from the clients. These sources of funds should off-set the amount of financing the contractor should seek from the bank.

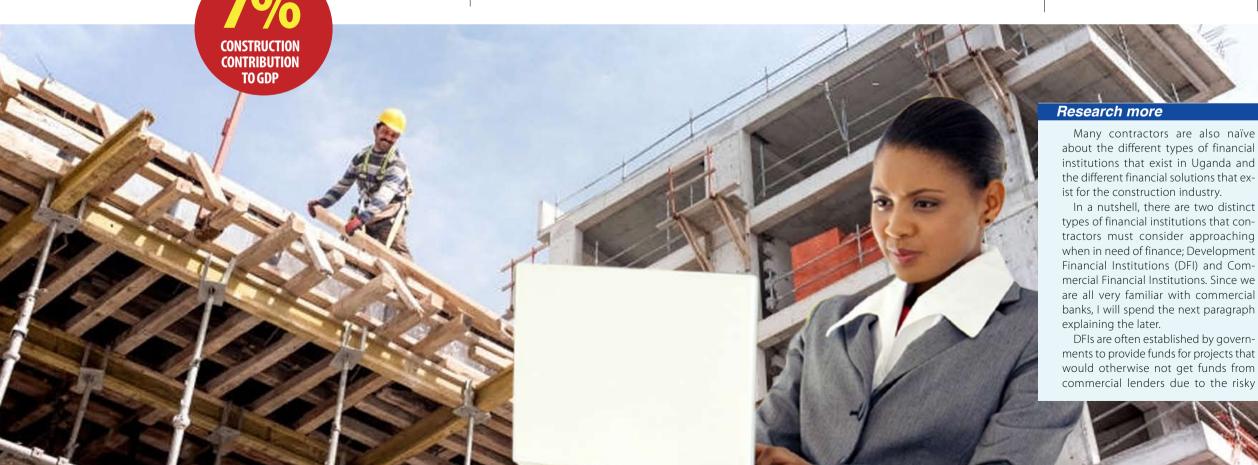
However, given the capital-intensive nature of the construction industry, contractors will at one point or the other find themselves in the bank seeking for funds to finance certain activities or capital investments. These activities may include acquisition of construction equipment or working capital requirements.

The risk

For a long time, banks have considered the construction industry a high-risk sector for well-known reasons that result from delayed milestone payments from their clients that lead to many contractors defaulting on their loan repayment obligations.

Furthermore, many contractors cannot demonstrate the long-term sustainability of their business which limits their ability to qualify for long term facilities. For example, whereas a contractor may ask for a seven-year asset finance facility, they will struggle to demonstrate that they can consistently get work for the next seven years to service the loan.

The process of re-risking the construction industry calls for a joint effort from all interested stakeholders, including financial institutions, government regulator, UNABCEC, suppliers, PPDA, MDA among others to ensure transparency.



nature of the project. This is because DFIs are set up to provide risk capital for economic development projects on non-commercial basis.

In Uganda, the national DFI is the Uganda Development Bank. However, there are also some other international DFIs that operate in Uganda such as the East Africa Development Bank, Africa Development Bank, and World Bank, among others.

Owing to the economic importance of the construction industry, some of the DFIs have now started supporting projects in the construction industry and eligible contractors must take advantage of this opportunity.

UNABCEC DONATES TO NATIONAL TASKFORCE ON COVID-19

he government of Uganda instituted anti COVID-19 measures to guarantee the safety of its citizens soon after the first case was reported in the country. These included closure of schools, places of worship, airports, borders, business, hangout venues, ban on public transport and limiting personal interactions by ensuring only essential staff report to work, among others. This caused disruptions in trade networks causing shortage of food to many urban poor, and job loss to several daily wage earners.

However, President Museveni, through the Office of the Prime Minister, launched launched a fundraising drive aimed at obtaining resources from different entities and individuals to aid in the fight against COVID-19 effects. In response to the presidential call, UNABCEC, through her Corporate Social Responsibility, mobilised her members and raised 43 metric tonnes of maize flour and 14.2 metric tonnes of beans worth Shs125,690,000 as part of the efforts to support the COVID-19 response in Uganda.

The food was handed over to the

National Taskforce on COVID-19 by the board director, Eng. Jamesone Olonya, and the projects officer, Mr Mike Serunkuuma. In addition to foodstuffs, one of the members - Measurement Solutions Limited offered free calibration of infrared thermometers to the Ministry of Health currently being used at Mulago National Referral Hospital.

UNABCEC continues to represent genuine players in the construction industry, who have a sense beyond business, and care for humanity.

Genuine Contractors under their Umbrella body;



Uganda National Association of Building and Civil Engineering Contractors (UNABCEC)

have donated 43 metric tonnes of Maize Flour and 14.2 metric tonnes of Beans that shall serve 7100 heads as part of the GoU Feed the Vulnerable Compaign during COVID-19 Pandemic Crisis































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Eng Kiberu George Patrick



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Plot 8B, gov't road, Booma East, Fort-portal municipality Kabarole District. 0788762087 infn@kukaunanda.com **Busingye Donald**



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Ntinda-Kulamhiro Road P.O Box 91 Kampala 0772 431806 mosestibs@gmail.com Tiberondwa Moses



NICONTRA LIMITED

Plot 32 Martyrs way, Ntinda P.O Box 5588, Kampala 0392716055 or 0772821874 or 0414 nicontra@gmail.com or byenic@gmail.com

Byengoma Nicholas



DUCKEDIICE CONTRACTORS (U) LTD

Plot 150 Nile Road Njeru town council 0392944516 rocktrustcontractorsultd@gmail.com or rocktrust11@gmail.com Ssembatva Francis



Kavania close - Mbuva 11 zone 1. Old kireka road P.O Box 28505, Kampala 0392940788 or 0773138719 wamimhi@vahoo.com Wamimbi Robert



SARICK CONSTRUCTION LIMITED

Plot 5641 Kitende – Wakiso district. 0772663217 sarickconstruction@yahoo.com **Okurut Samuel**



SPIDER CONTRACTORS LIMITED

Kiwatule - Najiera road, Plot 1634, Block 217 0772365536 spidercontractors@yahoo.com Eng. Jemba Seezi Nicholas



STONE CONSTRUCTION LIMITED

Plot 244 Kajjansi, Near Kajjansi Airfield P.O.Box 26443. Kampala. Uganda. 0752-732-373 or 0703-045-370 procure@stonecon.net

Gopal D Vekaria.







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A711 PROPERTIES I IMITED

Plot 6-13 Kirinya road, Jokas Hotel, Top floor, Eastern Block, Bwevogerere, P.O Box 12421 Kampala 0414660012 azupro2000@gmail.com Waiswa Richard



BCR GENERAL LIMITED

Plot 3/7, Spring road - Bugolobi, off Old Portbell road. 0392725709 bcr@bcrgeneral.com



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Plot 5 Ring road, Kibuye-Kampala 0772 687683 or 0772 452469 cohestablishment@vahoo.com

Eng. Mubiru Charles or Gertrude Nakitto



CONTINUUM ENGINEERING LIMITED

Plot 9 Mukono town, 1st floor, Equity Bank building. 0772 405127 continuumengineering@vahoo.com

Enoch Kalema





EPSILON UGANDA LTD

Plot 1413 Kibuli-Mbogo Rd P.O.Box 12647 Kampala 0414252076 0772 353981 epsilonugandalimited@gmail.com Moses Kitaka



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Plot no: 1111, Kansanga Nabutiti P.O.Box 34725 Kampala Uganda Info@falconestates.co.ug 0772202444 or 0414270088 Hassan Alwi

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Plot 4 Pilkington Road Kampala Uganda, P.O BOX 30315 Kampala geses2000@gmail.com Ampaire Michael



0782315707 eng.ronald2008@gmail.com Mugabi Ronald



HEAAT GENERAL ENGINEERS & CONTRACTORS LTD

Agalani House, Makindye Opposite Military Barracks, P.O. Box 2885 Kampala. 0772 328110 heaat2005@gmail.com Mrs. Hellen Aiko



KATO CONTRACTORS LIMITED

Plnt 1305 Roche Close Muyenga. P.O Box 29727, Kampala. 0772 664374 katocontractors@gmail.com

.lackson Kato



Prisma hotel — suite 112/113. Plot 1307/8 Kyebando — Nsooba road. P.O. Box 25809 Kampala. 0776/0701924640 mgengineers@gmail.com



MUGA SERVICES LIMITED

Kireka, Kabaka's road. P.O Box 13130 Kampala. 0772 539106

mugaservicesltd@gmail.com Ibanda Isaac



Plot 56 Bombo road, Kalmax Building, office C10-11 0414 235984 or 0701 676767 or 0713 752575 nato@natoengineering.co.ug



tml@technicalmasters co.un

Mwania Joseph





GARIKAN FNGINFFRING ITD

Mukono - Kawuga road





Kyobe Luke Inyensiko





NATO ENGINEERING COMPANY LTD

Twikirize Eliot Bigira

TECHNICAL MASTERS LIMITED

Plot 568 Rubaga road. P.O. Box 3131 Kampala. 0414 271170 or 0775 660746 sales@crystalconsultgroup.com www.crvstalconsultgroup.com Bbale Robert

COMPANY LTD

dansemltd@gmail.com

DYNACO

0772 630834 or 0414 691834

ETA ENGINEERING WORKS

Plot 01/03, Barya plaza. P.O. Box 191

& SUPPLY CO. (U) LTD

Mbarara/ 36276 Kampala

etacompanies@gmail.com

SHEPHERDS SERVICES

shepherdsservices@gmail.com

UMA Showgrounds, VIMTO building, room 2.

0772 638445

Kituyi Evelyn

(U) LIMITED

P.O Box 1132 Kampala

0772/0712457348

Nicholas Masete

GAT

P.O Box 37067. Kampala

gatltd@yahoo.com

Mr. Mugizi Leonard

GEOMAX

next to Seeta playground

GEOMAX ENGINEERING LTD

0779963000 or 0700243813

qeomaxconsult@gmail.com

Nabaya Silver

P.O BOX 74710 Kampala, Seeta Bukerere rd.

GAT CONSULTS LIMITED.

0414 580 472 or 0772438420

Plot 205 Hills House, Entebbe Road

dvnacolimited@amail.com

Eng. Jonathan Tugume

eta

Plot 251 Kvebando-Kisalosalo road, Bukoto

0701510877

Wadda Fred

DYNACO LTD

DANSEM CONSTRUCTION

Plot 163 Ntinda-Naalva road, Mt. Olive

building. P.O Box 29552 Kampala



>Annual contracts between 1Bn and 5Bn UGX



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Makanga house 3rd Floor, Masaka road. Nalukolongo. P.O. Box 910. Mbarara. 0787401218 or 0772 208067 anomuinternational@omail.com Murungi Maria or Odongo Charles



ADAPT TECHNICAL SERVICES LTD

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ARS CONSTRUCTION COMPANY (U) LTD.

Block 110 Plot 1174. Jinia road-opposite Memarito hotel, Bweyogerere P.O Box 613, Kampala, Uganda 0782319214 antonetti@arsconstruction.co.ug or logistics@arsconstruction.co.ug



Stephen Antonetti

BOLT CONSTRUCTION COMPANY LIMITED

Cvnthia house Kawuku. Kisubi Entebbe Road P.O Box 10462, Kampala Uganda 0772466390 a mukiihi@hot mail.com



Mukiibi Andrew

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Plot 28, Kimera road, Ntinda. PN Roy 8141 Kampala 0414 697448 or 0704 495658 cmd.consults@vahoo.com Sebvala Moses Kiwanuka

Crystal Consult

CRYSTAL CONSULT (U) LIMITED



Plot 433 Jinja Road

0772 422359

Samuel Kibbe

Kazinga Bweyogererre

samkibbe@gmail.com

HOME BUILDERS LTD

Hébron

HEBRON INVESTMENTS LTD.

Plot 640. block 195 kvania - gavaza rd 0414 389122 or 0752 667123 homebuilders hbl@vahoo.com or alovsius. lubowa@hbl.co.ug

Alosvius G. Lubowa

KENVIN COMPANY LTD

Plot 8/10 Kampala mad Unanda House Buildina. Third floor. 0772 594960 or 0782 604047 kenvinuganda@gmail.com Navabarema Vincent or Ahabwe Keneth



KINGSTONE ENGINEERING AND CONSTRUCTION CONSULTANT (KECCOLTD)

Plot 832 Namanye Industrial Park. P.O. Box 8062 kampala 0782264288 muhuza2000@vahoo.com Muhumuza Michael

MEJARUDA ENTERPRISES

COMPANY LTD Rwenzori School of Nursing Building Plot 123-129 Kabarole Road 0772337176/0702693995/07024 63339

mejarudaenterprisecoltd@gmail.com Mulhumbira David



MUGOYAPLUS TECHNICAL SERVICES LTD

Plot 112 Akamwesi complexi room E43 0703397796 or 0414340362 mugoyaplus@yahoo.com Atwine Eliud



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Plot 57 Sixth Street Industrial Area-Kamnala 0772520268 or 0772687477 provideinter@gmail.com Duncan Mwesinwa

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PRUTAZ CONSTRUCTION &

VOCATIONAL TRAINING (U) LTD Tooro Diary building, Plot 16B Rukidi 111

street P.O box 81 Fortportal 0772494288 infn@nrntaz-construction.com

Kisembo Robert Apuuli



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Plot 143, Busiro block 342 - 344, Nab-

bingo, Wakiso District 0782725324

ritewaysolutionsltd@gmail.com Mutabazi Maurice



ROBERTS ENGINEERING SERVICES LTD

Plot 3580 Block 273 Nakinga Movit Road Namasuba Wakiso District 0772457605. robertseng@gmail.com Robert Rwanga



SANIX TECHNOLOGIES LIMITED

0782728994 or 0787552279 orfo@sanixtechnologies.co.ug



Nicholas Mwesigye

SEMEO ENTERPRISES LTD

Plot 831 Bombo Road 2nd Floor Nissi House Makerere Kavule 0772 498527 or 0777 728115

vvuumac@yahoo.com Vvuuma B. Cvrus



WIM SERVICES LIMITED

Kisozi house, Plot 8 Kvaggwe road, P.O. Box 30582, Uganda 0782454568 wimserviceslimited@amail.com or info@

wimservices.com

Katumba Allan

CLASS A-4 CONTRACTORS



ROVA CONSTRUCTION COMPANY

Plot 4614. Valley View Lane, Kvania – Kampala P.O Box 33679. Kampala 0774983365 info@rovaconstruction.com

Apondo Ronald



WAKO CONSTRUCTION LIMITED

Plot 36/F Katalemwa, Mpererwe — Gayaza road P.O Box 40338, Kampala 0770760222 akorobs@yahoo.com

Akona Robert

CLASS A-5 CONTRACTORS

>>Annual contracts below 1Bn UGX



ABOYE TECHNOLOGIES LIMITED

Anawee South, Abim Town Council — Abim District 0772845735 or 0751845735 or 0774666322 Aboyetechnologies1@gmail.com

Eng. Oyoo Eliseo



AL-MUBARAK CONTRACTING

PLOT 1021 Bweyogerere-Kirinya road 0704603198 kadt2007@vahoo.co.uk

Jesse Otwane

BAKHIT BUILDERS LTD

Plot 49B. Arua - Pakwach Road P.O Box 679 Arua, 0772374727

owachgiu2011@yahoo.com/owachgiu2015@gmail.com Owachigiu Abdurahman



CME ENTERPRISES LIMITED

Plot 1 Akabwai Road Lira, Weite Ojok Lane. P.O Box 948 Lira 0772 446135 enterprises.cme2000@gmail.com

Eng. Ojilong Charles



CRISP CONTRACTORS LTD

Plot 57 Bandali rise - Bugolobi 0777 147607 or 0772212100 crispcontractors@live.com Francis Kazinduki

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DA TRACK LIMITED

Plot 932, Block 223, 2 floor Ebenezer house Kireka-Namugongo Rd. Opposite Uganda martyrs hardware 0772978870 info@datracklimited.com



Katongole Christopher

DACOSILIMITED

Plot 2602 Block 216 Ntinda- Kulambiro Road 0752636110 or 0754535204 or 0392002613 dacosi2010@gmail.com kishaija.pk@gmail.com Paul Kishaija



ETABCO PANAFRICA LIMITED

Plot 209, Old Kira road, Bukoto Kampala P.O Box 819 Kampala N779N79883 khaled@etabcopanafrica.com Khaled Al Alem



FLEXIHOME LIMITED

Plot 15 Ntinda complex Ntinda Road P.O.Box 36582, Kampala 0414-690798 or 0782-454041 arnriza@flexihomes net Aaron Ahikiriza



FRIENDSHIP (U) LTD

P.O Box 57 Gulu 0779937284 friendship.charles4@gmail.com Okidi Charles



HEAVY INVESTMENT LIMITED

P.O Box 551 Kakumiro 0783689997 or 0772434689 fatumanassiri@gmail.com Nassiri Fatuma



JAMI CONSTRUCTION COMPANY LTD

Plot 954 Kintu Road, Kitintale. P.O Box 2359, Kampala 0772494329 imwedde@yahoo com Can. Eng. Jonathan Mwedde



MOLECULE INVESTMENT (U) LTD

P.O Box 1667, lubiri ring road

ndiwalanapeter@gmail.com

JUSCONA ENTERPRISES (U) LTD

Kagadi Isunga road, Kibaale.

jusconaenterp@gmail.com

Taycon (U) LIMITED

Lugalama Shopping Centre, Ntinda. P.O.Box

0393514613 or 0772 507560

LUBBE CONTRACTORS LTD

Plot 1021, Bweyogerere-Kirinya road

Plot 1547 Block29 100m off Mawanda

P.O.Box 21058 Kampala — Uganda

kayconlimited@gmail.com

P.O Box 27 Kagadi

Nakamya Scovia

0785100678

28785. Kampala

Andrew Kavuma

0704603198

Jesse Otwane

MALT (U) LTD

0701-661293

Road Kawempe Division

malt u ltd@yahoo.co.uk

MBAFAKOKI PRODUCE

P.O Box 4 Karuguuza Kibaale

ENTERPRISES LTD

semgeofrev@gmail.com

0751295530

Zziwa Joseph

0772680420

Ndiwalana Peter

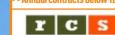
Alice Bongyeirwe

sharifkalema@vahoo.com

Namanve Industrial Park, Plot 2420 Jinia road 0776744885 sales@nmecs.co.un Nkooka James



>Annual contracts below IBn UGX



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3rd Floor Krish Mall P.O Box 35879. Kampala, 0759653705 reenhoogconstruction@gmail.com Mariam N. Kabanda



SEMWO CONSTRUCTION COMPANY LTD

Faibah Plaza, Luwumu Street Mubaraka's Build ing, Kihihi Town Council, Kanungu District 0392944595 or 0702333006 or 0782434660 semwo2000@yahoo.co.uk Semwogerere Moses



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SKAS house plot 180 Namuwongo road 0414375797 smcathan@omail.com Mugisha Turyahikayo Allan

TEDMACK ENG WORKS LTD

Plot 1996 Block 192 Buwate Kiira Municipal Council Plot 243 Muhangizi road — Ruharo Mharara branch 0782475620 or 0701475620 tedmack008@gmail.com

Anaha Edwin



BYGRACE CONSTRUCTION & GENERAL

ENTERPRISES (U) LTD Kirombe North 'A' Adyel Division, Lira Municipality P.O Box 902, Gulu 0782612047 acimajbv@gmail.com or acimajbygrace@gmail.com

FULL DOSE ENGINEERING LTD

Aliker Road, Gulu Municipality P.O Box 721 Gulu, 0782172689 Fudel2012@gmail.com Kidega Michael Wilberforce



RIM - NJEE BUILDERS LTD

Bunyonyi Drive, Kataza — Bugolobi, Kampala PO Box 4301 Kampala 0772500830 or 0752515518 rimnieebuilders@vahoo.com

Njenga James



Kabowa (church zone) Gwekolobodde Close P.O Box 4301, Kampala zilloninvestments@gmail.com Nuwonge Robert Kyazze

CLASS B-1

Manufacturers of construction materials



KAMPALA CEMENT

Plot 114, Block 165, Namataba, Jinja Road 0200-999888 sales@kampalacement.com S.S Baryan



KANSAI PLASCON UGANDA LIMITED

Plot 28 Kyaggwe, Block 112, Kolo, Mukono. N414 342N7N/1 or N755 987891 infn@kansainlascon.co.un www.kansainlasenn.en.un Samallie Nankanja



Ninanian Ray

MULTIPLE MULTIPLE INDUSTRIES LTD

0414236021/22 automotive@multipleindustries.com or dinanian@multinleindustries com



PRAMUKH STEEL LTD

- ---Plot 2/20 Kayunga road - Njeru - Jinja 0776 706666 or 0434 251712 info@pramukhsteel.com



STEEL AND TUBE INDUSTRIES LTD Deals house Mukahya mad - Nakawa industrial area N312261283 or N414 287950



Alovsius Ntambi

YOGI STEELS LIMITED

Plot 270, Njeru — Kayunga road, Malindi. P.O Box 2207 Jinja. 0752 289841 admin@vonisteels.com Patel Alpesh

CLASS B-2

Agents & Suppliers of construction materials and equipment



ACHELIS (U) LIMITED

Plot 55 William Street, P.O Box 7198 Kampala. 0414344442 or 0752778899 achelis.uganda@achelis-group.com www.achelis.net

Hans Georg Hinterberge



DAVIS & SHIRTLIFF INTERNATIONAL LIMITED

JR Complex. Plot 101 Jinja road. P.O.Box 22824 Kamnala 0414346335/8 d&s@ug.davliff.com www.davisandshirtliff.com **Sunday Anywar**



FABRICATION SYSTEMS (U) LIMITED

Plot 1457 off Jinja road, Banda — Kireka. P.O. Box 22631 Kamnala N752 344440 info@fahricationsystems co.un. Kalpesh Mehta



GANATRA PLANT & EQUIPMENT LIMITED

Plot 28, showroom 4, Pioneer House Jinia road, 0790 202006 ashiana@gpe.co.ug www.gpe.co.ke Ashiana Jivraj

@PRAYOSHA

PRAYOSHA ENTERPRISES LIMITED

Plot No. 642, Block 33, Off Mutundwe road, Nalukolongo Industrial Area. P.O Box 12452 Kampala, Uganda +256414273461 info@pravoshaent.com



Ramji Swaminarayan

VICTORIA EQUIPMENT LIMITED

Plot 105B/106 5th Street - Industrial Area 0414256025 vicequip@victoriaequipment.co.ug Raymond Kyazze



HARDWARF WORLD LIMITED

Plot 712, Kiira road, Ntinda, P.O. Box 3074. Kampala. 0772708135

Info@hardwareworldug.com **David Odiama**

KYELIMA GENERAL HARDWARE LIMITED

P N Rox 30756 Zana, Entebbe Road 0772520781

Nmed40@yahoo.com Niagala Mohammed



MANTRAC LIGANDA LIMITED Plot 17/41. 7th Street Industrial Area. P.O. Box 7126 Kampala 0312 330600 or 0756268722 info@mantracuganda.com or ehuhweire@mantracunanda.com www.mantracuganda.com

Buhweire Elizabeth

Niletrac

Ali Mohamed

NILETRAC UGANDA LIMITED Plot M424 Factory road -Henley business park - Ntinda Industrial area 0414505777 sd@niletrac com

NSI.WATER

NSI WATER LIMITED 7th Street Industrial Area Penn station Building, Suite 11 & 12 P.O Box 73500. Kampala Uganda info@nsiwaterug.com





TILE CENTRE LTD

amen@nsiwaterun.com

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Jesse W. Emuge

41 AUGUST. 2020













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Plot 4725 Kisota Road, Kisasi 0772712812, md@powerafrica.co.ug Serunkuma Herbert



UNI ENGINEERS CO. (U) LIMITED

Plot 289, Block 221, Nakoosi - Mukono. P.O. Box 16731 Kampala. 0414 572012 or +256 786 28999



RONTECH GROUP LIMITED

Musoke zone I C.I.—Nateete, Ruhana Division P.O Box 12414. Kampala. 0773429419 rontecharoun@vahoo.com_info@rontecharoun.com Kibuuka Charles

CLASS C-2

>Mechanical & Electrical contractors. Annual contracts below 1Bn UGX



MEASUREMENT SOLUTIONS LIMITED

1st Floor, Konkomebbi house, Kibumbiro tradino centre, Busega, Kampala. 0772 951371 / 0772 427193 rhona@msluganda.com/simon@msluganda.com Kokunda Barbra Rhona / Simon Rwashana



VOLCOM TECHNICAL SERVICES LTD

Naiiera Kiwatule Road 0776153606

tomndawula@gmail.com Mwebaze Emmanuel

CLASS D-1

>International Associate Members



MUA INSURANCE UGANDA LIMITED

9th Floor Workers House Pilkington Rd 0414349659 infoun@ohoenix-assurance.com

Mukasa Latima



FREIGHT IN TIME (U) LIMITED

Plot 20 Old Portbell Road P.O Box 70942, Clock Tower, Kampala - Uganda +256414223999

Commercialmanager.ug@freight-in-time.com www.freinhtintime.cn.un

Lucanus Angwenv



>>Local Associate Members



STATEWIDE INSURANCE COMPANY LTD

Plot 1 Rombo Road Sure House Plot 63 Masindi Port Road 0312262119

swico@infocom.co.ug or musisi@swico.co.ug

Joseph W. Kiwanuka



ANGUALIA BUSIKU & CO. ADVOCATES

Plot 4 – 5 Nyahong Road, Suite 402 Floor BMK House next to Hotel Africana P.O Box 27689, Kampala 0774477656 dangualia@yahoo.com or angualia@lawyers

unanda com Angualia Daniel

PAX

PAX INSURANCE COMPANY LIMITED

Plot 3 Colville Street next to Christ the King PORox 7030 Kampala +256414233096/89 or +256312266163 info@paxinsurance.co.ug

John Ssempeera



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SMART COMPLIANCE LIMITED

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