JULY ~ AUGUST 2017 | ISSUE 028

CONSTRUCTION 2 PROPERTY

MORODOK TECHO SPORTS COMPLEX NATIONAL CENTRE READIES FOR 2023 SEA GAMES AIRPORT LANDING IN KOH KONG PROVINCE FACILITY TO SERVE LUXURY COASTAL RESORT CCA WELCOMES CABC DELEGATION CHINA'S BUILDERS FOCUS ON CAMBODIAN MARKET DEVELOPING AND REGISTERING BOREYS A LEGAL PERSPECTIVE







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Message from the CHAIRMAN of the Cambodia Constructors Association (CCA)

As chairman of the Cambodia Constructors Association (CCA), I am honoured to deliver a message to all our readers of Construction and Property Magazine, especially those at construction and property-related firms and institutions. I have been very heartened to witness the dynamic growth of Cambodia's construction sector, evidenced by the construction of satellite cities, modern skyscrapers, residential blocks, condos, commercial buildings, modern shopping centers, office buildings, and international standard hotels.

This has happened in large part due to the confidence both local and international investors have in the political and economic stability in the Kingdom under the wise leadership of **Samdach Akka Moha Sena Padei Techo Hun Sen**, the country's prime minister.

The government considers the construction sector to be one of the nation's economic pillars, and has allowed CCA to aid in the sector's development to bring it in line with its development goals and to boost construction standards, especially during the process of ASEAN economic integration. These efforts will help Cambodia conform to ASEAN's overarching goal of "One Community, One Destiny."

CCA is a non-profit association registered in full compliance with the laws of the Kingdom of Cambodia. In order to carry out government policy and cement the private sector's role as the nation's economic driver, CCA does all it can to help ensure the construction industry is reliable, productive, accountable and can compete effectively in local and international markets. Moreover, CCA continually seeks ways to provide benefits to its members and help bring each up to international standards of quality and classification.

Lastly, on behalf of all the members of the Cambodia Constructors Association, I hope and believe that construction and property-related companies operating in Cambodia will register for CCA membership to join our ongoing drive to develop the country, implement policies laid out by the Royal Government and those put in place recommended by ASEAN to help us secure a bright, prosperous future.



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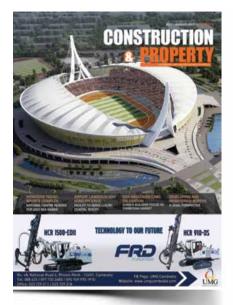




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From the PUBLISHER

CONSTRUCTION CONSTRUCTION PROPERTY THE MAGAZINE THAT LINES VICE RESERVED SECONS

2016 marked the advent of the ASEAN Economic Community (AEC) that saw the integration of Cambodia's construction and property industries with those of the ASEAN bloc. As a result, Cambodia has seen an increased inflow of overseas investments into these industries.

Published through support from the Cambodia Constructors Association (CCA), Construction & Property Magazine is one of the catalysts to help maximise the benefits of regional integration for Cambodia.

This bi-monthly magazine features four main sections comprising interesting topics, empowering messages, useful information and data related to the two sectors.

The first section looks at overall developments in construction locally and internationally, including new and ongoing projects and their impact on the nation's economic growth. The second section highlights general information and activities related to the CCA, whose goal is to promote the construction industry in the kingdom. The third part looks at latest updates on major development in the real estate sector. Lastly, the magazine offers a directory of construction and property firms where readers can find service providers or future business partners.

Now publishing our 28th issue (July-August 2017), you will find the latest information and expert analysis on local and regional construction and property projects in our three main sub-sections.

In Construction news, we speak exclusively the principal architect of the Morodok Techo National Sports Complex about the process of building the nation's showcase facility for the 2023 SEA Games, look at the upcoming Bentley Year in Infrastructure Conference in Singapore and provide an overview of the major new airport set to be built in Koh Kong.

Our Association news section covers the CCA welcoming a high-level Chinese trade delegation from the China - ASEAN Business Council (CABC) to Cambodia, the CCA endorsement of the recent Cambodia Real Estate Show 2017 and the CCA's attendance at the 43rd IFAWPCA Conference in Korea.

In Property, we focus on the recent Cambodia Architect & Decor Show, the booming luxury real estate market in Sihanoukville, and get a legal perspective on registering and developing boreys.

Overall, I firmly believe that Construction & Property Magazine serves to help Cambodia's construction and property sectors flourish. Our information and insights help attract foreign investors and business people and help those already here remain well informed about the latest developments in these dynamic, exciting and rapidly expanding sectors.

I would like to take this opportunity to congratulate and thank all of our CCA members, partners and readers for a successful 2017.

Sincerely Yours, MEAS Proeksa

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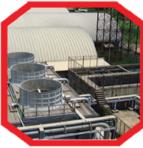
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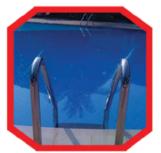
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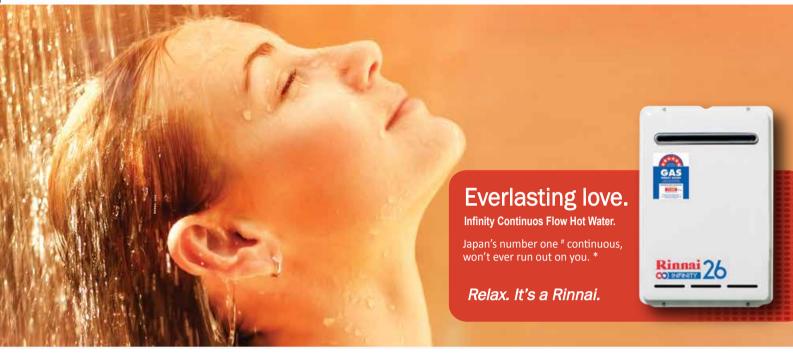


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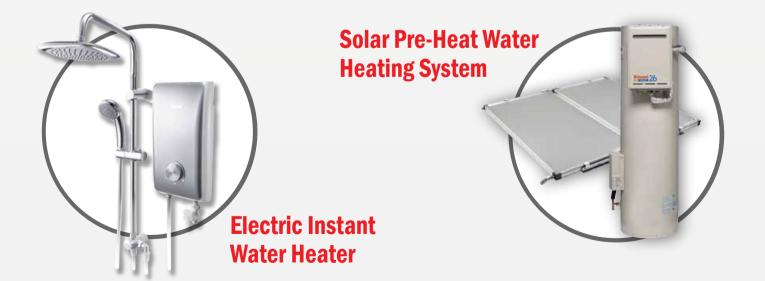




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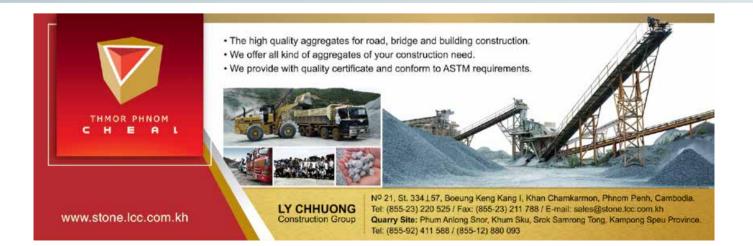




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INTERNATIONAL BRIEFS

Atkins to develop Vietnam twin towers

tkins has been contracted to provide architecture and interior design services for Cocobay Towers which will soar 200m above the Da Nang skyline.

The luxury entertainment and hospitality condo hub by Vietnamese developer Empire Group will cover 31 hectares of landmass providing an area of 145,000 square metres.

The towers are connected at their pinnacles by two 52-metre-

long, curved glass sky bridges that are looped on the 48th floor and provide stunning views along the coast.

Da Nang is Vietnam's third largest city and quickly emerging as a tourism centre with a target of 6.1 million visitors in 2017.

Construction on Cocobay Towers is expected to start later this year.





From overpass to botanical garden

n innovative project in Seoul, Korea has seen an ugly 1970s overpass transformed into a stunning botanical garden where residents can now enjoy walking high above the streets.

The 983-metre long "Seoullo 7017" - which translates to 'skygarden' – features over 200 species of trees, shrubs and flowers and allows people to walk peacefully in a city which is famous for its hectic streets.

Designed by Dutch architecture firm MVRDV, the botanical walkway features small gardens dotted along the route with a total of 24,000 plants. Each garden is designed to have a unique colour, smell and design for residents and visitors to enjoy, and the gardens are designed to change with the seasons.

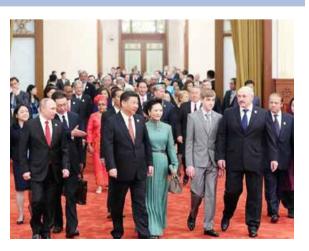
China pledges USD122bn at Silk Road

s world leaders gathered in Beijing for the Silk Road Summit in May, Chinese president Xi Jinping pledged USD133bn for infrastructure projects under the 'One Belt, One Road" (OBOR) initiative.

The Chinese strategy sees high-speed railways, bridges, roads, ports, industrial parks, oil pipelines and power grids now being built across the ancient Silk Road routes from Mongolia to Malaysia, Thailand to Pakistan and Laos.

ASEAN nations, including Cambodia, have been key recipients of Chinese infrastructure funding support under the OBOR initiative and Cambodian prime minister Hun Sen also attended the summit.

China has promised to import over USD2 trillion of products from OBOR-participating nations, according to Reuters news agency.





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INTERNATIONAL BRIEFS

Thai government orders rail start

Construction on the Chinesefunded cross-country rail link in Thailand will be kickstarted by a special executive order by the nation's military leader.

Thai Prime Minister Prayuth Chan-ocha will invoke Article 44 which is an emergency security order which gives him the authority to push through the policy.

Construction on the first

phase of the 873km line will now reportedly begin in August or September. Phase one is a 250km stretch of line between the capital Bangkok and the northeastern province of Nakorn Ratchasima.

The project has been beset with delays including negotiations on operating the completed line, the route itself and purchase of track and rolling stock.





False concrete tests nab 21

2 1 people have been arrested in Hong Kong for corruption after allegedly submitting false concrete strength tests on the 30km-long mega bridge being built to connect Hong Kong to Zhuhai and Macau.

The 55km project involves a 29.7km bridge, artificial islands and a 6km+ section of underwater tunnel beneath one of the world's busiest shipping channels. The first ever Pearl River Estuary road connection will eventually join together more than 22 million people in one of the region's economic centres.

The arrests came following a week of tests by Hong Kong's Civil Engineering and Development Department (CEDD) which showed sample tests had been falsified by executives and technicians since April 2015.

Budgeted to cost USD17bn, the project has experienced delays, budget overruns and 10 worker deaths.

Thailand seeks private investment for airports

Thailand is seeking private investment to expand 28 regional airports and develop one new site in an effort to become the main aviation hub in Southeast Asia.

The Department of Airports will draw up business plans for each of the 800 hectare sites to be published at the end of July.

The public sector budget for refurbishment in 2018 has been

set only at USD195m, with priority being given to upgrading Krabi, Nakhon Si Thammarat and Khon Kaen, all of which need larger passenger terminals, new runways and parking bays.

The small state allocation leaves room for private investors to step in.

Thailand is ideally situated to complete against Vietnam, Malaysia and Singapore to be the regional aviation hub.







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INTERNATIONAL BRIEFS

Philippines bans workers to Qatar

The Philippines has banned workers from travelling to Qatar after four neighbouring Gulf States imposed a blockade on the tiny emirate in protest at alleged links to terrorist funding at the start of June.

There are over 140,000 documented Filipino workers reside in Qatar, with many working on huge construction and infrastructure projects related to the 2022 FIFA World Cup. The government of the Philippines has imposed the ban out of fears for the safety and well-being of its citizens. Qatar produces none of its own food and there are fears that the blockade could lead to food shortages and unrest.

"If anything happens, overseas Filipino workers will be the first victims," Filipino Labour Secretary Silvestre Bello told a press conference in Manila.





Chinese mega-project questioned

A Chinese mega-development in Myanmar is under the spotlight for its impact on the environment.

The USD10 billion Kyauk Pyu Special Economic Zone development on the Myanmar coast in the northwestern state of Rakhine includes a 770km pipeline which pumps oil across Myanmar to southwest China as part of the 'One Belt, One Road' (OBOR) initiative. The SEZ will eventually cover more than 17sq km and include a USD7.3 billion deep sea port and a USD2.3 billion industrial park, with plans to attract industries such as textiles and oil refining.

However, local citizens, especially fisherman who are now barred from fishing near the pipeline, are increasingly protesting against a lack of consultation, transparent planning and fears over damage to the environment.

Manila tower restarts after court decision

Construction on a controversial tower block that 'photobombed' the National Matyr's Monument in the Philippine capital Manila can restart after a Supreme Court ruling.

The 49-floor Torre de Manila condominium project became known as "Pambansang Photobomb" (the "national photobomb") and saw construction halted in June 2015 for violating building regulations. The Supreme Court saw a close vote of nine to six in favour of the development by DCMI Homes. DMCI is owned by David Consunji, a 95-year-old property magnate who is reportedly the sixth richest person in the Philippines with a net worth of USD3.6bn.

The company said it would immediately advise its customers and future residents on the updated construction timetable.





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National Road 55 complete by 2018

ork is quickly proceeding on National Road 55 in Pursat province which will eventually link to the Thai border. Being built through the infrastructure funding support to traffic sometime in 2018. provided by the Chinese government through the One Belt, One Road (OBOR) initiative, the 182km road will connect the statue of Neak Ta Khleang Moeang in Pursat to the Cambodian-Thai checkpoint in Thmor Dar.

After construction on the USD100 million project started in June 2015, approximately 80 percent of the work is already finished and is expected to be open

When open, it is expected that the road will bring significant economic development to the previously isolated area.





Skytrain feasibility on track

ollowing months of uncertainty, the Japan International Cooperation Agency (JICA) is to start work on a feasibility study in August for a skytrain in Phnom Penh.

The study will provide a breakdown of costs and also propose routes for the project which is slated to cost USD800 million. Once complete, JICA will present the study to the Cambodian government.

A number of discussions have taken place over the last two years following a preliminary study in 2014. Likely routes would connect Phnom Penh airport with a south-north corridor on Monivong Boulevard, an the east-west corridor passing Russian Blvd and a southwest corridor via Monireth Blvd.

As well as overcoming traffic congestion, the AGT is also seen a landmark project for the upcoming SEA Games in 2023.

Koh Dach welcomes bridge plans

Phnom Penh to Koh Dach commune, known locally as Silk Island, with a new bridge.

Though no details have yet been released, Phnom Penh governor Pa Socheatavong told the Phnom Penh Post that a company is undertaking a feasibility study for building three bridges in the area. One will connect Phnom Penh to Koh Dach, a

hnom Penh Municipality has second would connect to Svay announced plans to connect Chrum while a third would reach Areyksat village.

> Though hopes are high for a rise in land prices, real estate industry insiders have pointed to the fact that owners inflate prices not based on market values and land prices around new bridges have not historically risen a great deal.





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LOCAL BRIEFS

Construction on Mekong bridge underway

Construction is underway on a new bridge connecting Kompong Cham and Tboung Khmum provinces across the Mekong River according the Ministry of Public Works and Transport.

Spanning 1.13km across the river and 13.5m wide, the new bridge is estimated to cost USD5 million according to a report in the Phnom Penh Post.

Presently, the only way across the Mekong is via ferry from Prey

.....

Veng which creates long traffic queues and also limits economic development, especially when transporting agricultural products.

The government is also planning another bridge from Chhlong district to Prek Prasob in Kratie province which would also dramatically improve access and economic development, although no time frames have yet been announced.





Thai rail link completion eyed

Www.ith plans for the prime ministers of Cambodia and Thailand to take an historic train ride across the border in August 2017, the Ministry of Public Works and Transport (MPWT) is ramping up the pressure on the provincial authorities in Banteay Meanchey to complete the rail link to the Thai border.

The 48km stretch of track from Serei Saophoan to Poipet remains incomplete due to stalled negotiations with some 50 families who continue to live along the track. The upgrade of the track has been underway since 2009.

When complete, trains will run direct on a 400km-long line from Phnom Penh to Bangkok with the option of then going direct to Singapore. No final date for completion has yet to be announced.

Skyscraper start date set

Construction on what will become Cambodia and ASE-AN's tallest building is set to start on 1 August according to reports from the developer.

Phnom Penh Post Property reported that Tous Saphoeun, deputy secretary general of Board of Architects Cambodia (BAC) and one of the project's architects informed of the August kick-off date in early June as design features are finalised.

The enormous project to be set on 4.97 hectares opposite NagaWorld is estimated to be costing in the region of USD5 billion and will soar over 500 metres high with 133 stories. Construction is being undertaken by China's Sino Great Wall International Engineering Co. Ltd.





មំពខ់នីមខ័រ សញ្ញាឥន្ត្រ្តី និមិត្តសញ្ញានៃគុណភាព ISO 9001 : 2015

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B osch, a leading global supplier of technology and services, has been growing in Cambodia with double-digit growth for six consecutive years since the company incepted the businesses here in 2010.

Bosch in Cambodia is part of the Bosch group and is currently represented in the country by Robert Bosch (Cambodia) Co, Ltd. Its current business fields in the kingdom consist of Automotive Aftermarket, Power Tools, Security Systems, Drive and Control, and Thermo Technology.

While the Automotive Aftermarket was the main contributor for Bosh's growth in Cambodia last year, the Power Tools and Security Systems divisions also maintained their momentum of positive growth largely buoyed by the kingdom's growing construction industry.

By the end of 2016, the total investment from approved construction projects in Cambodia had dramatically increased by over 140 percent compared to the same period last year. This accounted for USD8.5 billion from more than 2,600 approved projects.

Bosch aims to contribute to the technological advancement of Cambodia's construction industry. To support this booming sector, it believes builders must have access to the right tools. In 2016, this German-based power tools giant launched the "Heavy Duty" power tools series, a range of precise and long-lasting tools specifically tailored for heavy duty construction works.

"Cambodia continues to be an important growth market for Bosch

in Southeast Asia, due to the economic growth stability of the country at around 7 percent, particularly in the automotive and construction sectors," said Mr. Andre de Jong, Managing Director of Bosch for Cambodia, Laos and Myanmar at Bosch's Annual Press Conference 2017 on 15 June in Phnom Penh.

The flourishing construction industry also presented opportunities for the Security Systems division to offer safety and security solutions for property developments such as condominiums, offices, and hotels, he continued.

The division registered strong double-digit sales growth in 2016 compared to the previous year, with security cameras and access control systems as the main drivers, he pointed out ■

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JCB machines star in the latest Alien Covenant film which hit cinema screens over the weekend.

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GOLD STAR FOR JCB AS MACHINES TAKE A BOW IN CULT FILM

A fleet of more than 20 JCB machines is playing a starring role in a cult film following the biggest product placement project in the company's history, said a press release issued by JCB on 17 May, 2017.

Skid steers loaders, Loadall telescopic handlers and JS excavators were supplied to 20th Century Fox for the making of the new Alien Covenant film that was released around the world in May 2017.

They star alongside Michael Fassbender and Katherine Waterston wrapped in stunning gold – the idea of British film director and producer Ridley Scott - designed to give them a futuristic look.

JCB Worldwide Marketing Director Michael Plummer said: "This is the biggest product placement exercise in JCB's history and involved more than £1 million worth of machines. Ridley Scott's idea to wrap the machines in gold delivered a stunning result and is certainly an eye-catching addition to a film which will be seen by millions of people around the world."

The machines - which appear in the film's finale - were supplied with the help of JCB dealer Construction Equipment Australia to the movie set in Sydney, Australia. Six JCB generators were also provided for the film makers to use.

The equipment is used in the so-called 'terraforming bay', the area which alters the environment to make it capable of supporting terrestrial life. Alien Covenant is set almost 100 years in the future and is the sixth Alien franchise film to be made.

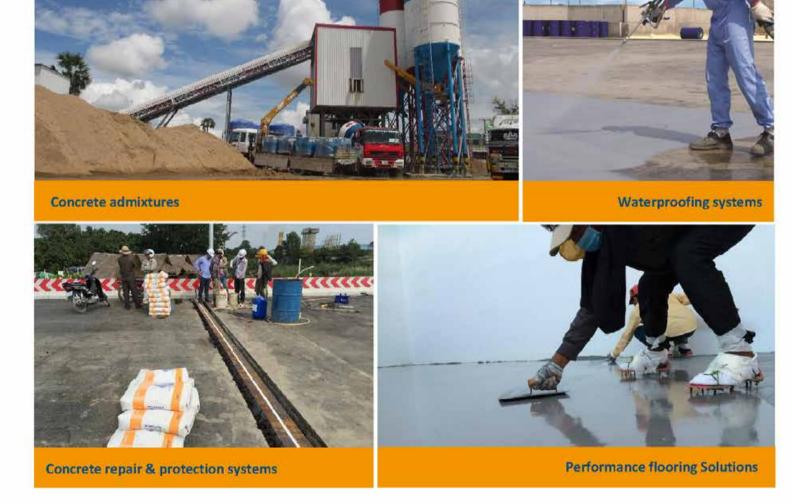
JCB is the world's third largest manufacturer of construction equipment. The company makes more than 300 different machines including backhoe loaders, tracked and wheeled excavators, mini and midi excavators, Loadall telescopic handlers, wheeled loading shovels and compaction equipment.

JCB exhibited its machines at INTERMAT ASEAN 2017 on 8 – 10 June in Bangkok, Thailand ■



Cambodia.





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WORLD INFRASTRUCTURE LEADERS TO CONVENE AT BENTLEY INFRASTRUCTURE TALK IN SINGAPORE

sia is recognised globally for its BIM advancements and innovation in infrastructure – providing the backdrop for the 2017 Be Inspired Awards Program.

Hundreds of global infrastructure experts are expected to discuss various issues facing the infrastructure construction industry at the Year in Infrastructure 2017 Conference organised for the first time in Asia, in Singapore from October 10-12.

Initiated by Bentley Systems, Incorporated, a leading global provider of comprehensive software solutions for advancing infrastructure, the conference will take place at the Sands Expo and Convention Centre at Marina Bay Sands, a world-class hotel and conference facility, and one of the most iconic buildings in Asia.

According to a Bentley's media release of 31 May, 2017, the conference will feature a series of presentations and interactive workshops that explore the intersection of technology and business drivers and how they are shaping the future of infrastructure delivery and asset performance. The conference is a unique opportunity to learn about best practices in advancing collaboration and technological innovation among the engineering, architectural, construction, and operations disciplines, and benefit from networking opportunities with industry peers and thought leaders from around the world.

The Be Inspired Awards program is the highlight of the event and will celebrate nominees in 17 Building Information Modelling (BIM) Advancement categories, recognizing the juries and projects at the annual Be Inspired Awards ceremony that closes the event.

The structural design of the Marina Bay Sands was done by Arup and was the 2010 Be Inspired Award winner for Innovation in Structural Engineering.

Bentley Systems has contributed to the advancement of infrastructure in

Southeast Asia over the years through many projects. Most recently, the Singapore Land Authority used Bentley software to create and maintain a high-resolution 3D model of the entire country as part of its Smart Nation initiative.

The Year in Infrastructure 2017 Conference will include a new Alliance Partner Pavilion, featuring live application and technology presentations from Microsoft, Siemens, Topcon, and Bureau Veritas. Attendees can meet with Bentley's Alliance Partners to learn how we provide advanced solutions - whether it is leveraging reality modeling to converge engineering and inspection, connecting workflows for construction engineering, offering a best-in-class cloud strategy that encompasses private and public clouds and on-premises deployments, or enabling the digital enterprise by supporting open access to the Internet of Things (IoT)



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SOLUTIONS FOR ROD JAMMING

By: Mr. Yuichi TAGAWA, Furukawa representative for Indonesia and Cambodia (http://www.furukawakk.co.jp).

ave you had any experience of rod jamming during your drilling operation? There can be many factors; one is the collapse of the drilling hole; another is the cavity space inside the drilling hole. Furukawa, one of the leading rock drilling machinery producers can introduce some solutions and will explain details of these factors.

1. Drilling Hole Collapse:

Sometimes, the ground surface of the bench may be loose and fragile up to one or two metres in depth after blasting. In this case, the hole collapse often occurs during the drilling. As a result, several rocks fall off the wall of the hole. The falling rocks get stuck between the hole and the rod or bit. The rod gets jammed and cannot be pulled out. It is quite hard work to recover from the jamming and it robs your job and production of expensive and valuable time.

2. Cavity space inside drill hole:

If there are any cavities inside the hole during the drilling operation, it affects flushing performance. The cavity interrupts cutting rocks going outside of the hole. Because a lot of flushing blow power escapes into the space of cavity, it reduces power. As the result, a lot of cutting rocks cannot go outside of the hole and remain inside which results in the jamming of your rod. In addition, the cavity causes a hole deviation.

How to solve these problems? One solution is to use clay.

- 1. Tamp clay in the hole after drilling the first metre or around by collaring drilling
- Proceed to drill with no rod rotation by one metre or around.
- 3. Clay is pushed to the hole wall and it fixes the entrance of the hole and its wall. The fixed wall prevents any more collapse of the hole wall. It can be free from any stress of rod jamming caused by hole collapse.

If there are any cavities inside the hole, clay can help to fill the spaces and gaps of the cavity. As a result, the cavity disappears, and all flushing blow power can go outside of the hole straight and directly to achieve a smooth drill operation. In case of no clay being available on the site, there are two ways to avoid these factors. One is to use water which also helps to fix the hole wall. Your drill may have a water tank and mist flushing system as optional equipment. The equipment supplies and sprays from the face of the bit through the rod. In the operator cabin of the drill machine, the drill operator can control spraying water to the hole.

Water is not effective itself against cavity problems but can be mixed with cutting dust, which is exhaust from the drill machine dust collector. The mixed material becomes like clay and can be put in the hole to fill the cavity space and fix the hole wall like clay.

These solutions are simple, but we believe they help a lot for daily operations. If rod jamming is reduced, the total drilling time becomes faster and productivity increases. When drilling suffers rod jamming caused by a hole collapse or cavity space, we recommend trying these solutions ■

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150 FIRMS ATTEND CAMBODIA ARCHITECT AND DECOR SHOW 2017

The Cambodia Architect and Décor 2017 expo was held for three days from 8 to 10 June, 2017 at the Diamond Island Convention & Exhibition Center (Koh Pich), Phnom Penh. Hosted for the second time in Cambodia, the show is organised by Thai-based ICVeX Co., Ltd a conglomerate group of creative business leaders in Thailand partnered with Cambodian Society of Architects (CSA).

This year's show featured 150 exhibiting companies from local and international companies, including international pavilions from Thailand, Malaysia, Singapore, Vietnam, Italy and China. They came to showcase their latest innovative products and services, seek new business opportunities and exchange on the growing importance of design in Cambodia's booming construction and property markets. The exhibitors, of which 70 percent are from countries outside Cambodia, showcased the best-in-class innovations and products to a wide range of visitors.

Besides bringing the best international designs to Cambodia, this threeday trade show also organised unique educational seminars with various interesting topics, a student design competition and an architect networking dinner.

The Architect and Décor show was first successfully organised by ICVeX in 2014 in Myanmar which inspired the company to bring the show to Cambodia, according to the company's press release.

"We created Cambodia Architecture & Décor Expo to help professionals engage with target potential customers, meet new contacts and identify new opportunities on the market," said Mr. Ajinveat Vhongthong, ICVeX's project manager at the show's grand opening ceremony on 8 June, adding that, "According to the company survey from the 2016 show, over USD18 million in business value was expected to be generated from the last year's exhibition."

The trade show was first held in Cambodia on 9-11 June 2016 at the Diamond Island Convention & Exhibition Center, with over 100 firms exhibiting from Cambodia, Thailand, Malaysia, Singapore, Vietnam, China, and other Asian and European countries. The exhibition was held along with a two-day educational seminar participated in by over 3,500 trade visitors. Speaking at the 2017 show's opening event, H.E. Phoeung Sophorn, Secretary of State of the Ministry of Land Management, Urban Planning and Construction said he believed this second show would be as successful as the previous year, stressing that it is an important arena to exchange ideas related to construction and architecture.

"The construction sector in Cambodia increased 163 percent in the past years, now representing a market worth over USD8 billion. This exhibition will contribute to a better supply in the country," he added.

Agreeing with H.E. Phoeung Sophorn, President of Cambodia Society of Architects (CSA), Mr. Sin Socheat said the expo would showcase the high-end and innovative products and services as well as talented capacities that are now available in Cambodia.

"Nowadays there are lots of construction projects, such as residential, commercial and office projects, that are being built across Cambodia, especially in Phnom Penh," said Socheat, adding that, "This event will hopefully attract more investment into Cambodia" ■



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HOW CONDO OWNERS CAN INCREASE TENANCY WITH VIDEO INTERCOMS



Email: dina.thorn@legrandelectric.com

t is no secret that the residential market in Phnom Penh is booming, and condominiums are popping up everywhere, increasing supply while the demand is much slower.

Tenancy rates are falling fast in areas like Boeung Keng Kang, Russian Market, Daun Penh and Toul Kork, where there are too many condominiums available with similar services and monthly rates. While many condos are supposedly targeting foreigners or expats, few actually offer the standards requested by foreign tenants. Beyond cleanliness, attractive interior design, or a proper sound insulation, one thing foreigners, and increasingly Khmer people, look for is safety.

While many condominiums offer a 24-hour guard service, it is unfortunately too common that guards have never gone through proper training. It's rather common to see them watching videos on their phones, sleeping, or sometimes even nowhere to be seen, instead of actually watching out for the building and tenants. This kind of security is therefore rarely sufficient to make tenants feel safe. Stories of burglars roaming freely in condominiums and looking out for opportunities are, unfortunately, too common in the foreign community.

A good way to solve this safety prob-

lem and, at the same time, increase the perceived value of a condominium is a video intercom system.

The system is composed of 2 elements:

- 1. An entrance panel which is designed to resist heavy rain as well as shocks. It is actually designed as a vandal-proof system.
- 2. All units have an internal panel allowing them to communicate with the entrance gate as well as security guards.

Once installed, visitors must contact the unit tenant through the outdoor entrance panel, under the watch of the security guard. Through video and audio features, the unit owner will be able to interact with the guest and decide whether he wants to give access or not. In case of problems, tenants can, through their internal panel, contact security through the SOS button.

Such systems offer a guarantee of safety to tenants, and will help guards ensure no strangers are roaming around the building, since access to premises will only be given if the unit tenant agrees to it. For such security system, reliability and long life are key features.

LEGRAND has been a worldwide play-



er in video intercoms for many years through its brand BTI-CINO which has equipped many condominiums in the world, including in Europe, USA, Dubai, Singapore, Malaysia, Thailand, Vietnam, Philippines, etc. This system is now available in Cambodia, and a complete demonstration kit can be seen at the Legrand Showroom.

Cost estimation for products and complete installation can also be requested from the Legrand team. Cost-wise, many investors are surprised to realise that it actually is very affordable, starting from only USD250 per apartment.

Several high-rises around Phnom Penh have already integrated it in their design, and installation is done by Legrand certified partners, which have undergone extensive trainings with Legrand internal experts from Singapore, Italy, and France.

Your building too, can stand out from the rest, and offer to potential tenants the safety they are looking for \blacksquare

Visit the Legrand showroom in Phnom Penh: #20b Street 282, Boeung Keng Kang 1, Phnom Penh. Email : Office.cambodia@legrandelectric.com Tel : **016 64 7700 / 096 8612 836.**







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#20b, Samdach Louis Em (Street 282), Boeung Keng Kang 1, Phnom Penh, Kingdom of Cambodia អគារលេខ20B វិថីសម្ដេចល្វីឯម(282) សង្កាត់បឹងកេងកង១ រាជជានីភ្នំពេញ ប្រទេសកម្ពុជា ဢၭႝႜၯၖၷႄၴႜၑႜႜႜႜႜႜႜႜႜႜႜႜၮၜႜၜႜၜၟၓႜႜႜႜႜႜႜႜႜႜႜ႞ၜၓၜၟႄႜၮၟႜၛႜႜႜၓႜ႞ႜၜႜႜႜႜၛၟ႞ၯၟႍၜ

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CHINESE CONTRACTORS: A PRIORITY FOR SIK

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he construction landscape in Cambodia sees massive investments coming from abroad. Chinese, Taiwanese, Singaporean and Malaysians are attracted by Cambodia's fast growing market.

As well as these, the Chinese Government Belt and Road initiative is engaging Cambodia in an economic integration which has started changing the construction industry in the kingdom. Thirty-one agreements, including soft loan deals of around USD237 million, were signed in October last year.

Major Chinese main contractors (SinoGreat Wall, CSCEC 1,2,4, SinoHydro, CITIC, etc.) have entered the Cambodian market in the past five years. They have penetrated the biggest projects; for infrastructure (dams, roadworks, bridges, power station, Hua Xin Cement factory, Anh Hui Conch cement factory) and large private developments (The Bridge condo, NagaWorld Hotel and Casino, Dara Sakor, Gateway, etc.). Most of their teams are Chinese citizens. As a result, the construction market is actively recruiting Chinese speakers. Some young Cambodian engineers are being offered above-average salaries to start their careers if they can speak Chinese and English fluently. SIKA has answered

ers two years ago, and by adapting our brochures locally.

Some projects funded by Chinese investment and built by Chinese contractors are reluctant to purchase any materials locally. They import, most of the time tax free, all the products from mainland China. However SIKA has been successful in advising and installing waterproofing, roofing and flooring solutions in landmark projects.

SIKA's strategy is based on "Building Trust" - this fruitful idea is key to dealing with Chinese developers and contractors. They expect very fast action to provide samples, prices, and availability of materials. Anticipation and coordination on site is not their strength, thus SIKA is here to help. We organise coordination meetings, site trainings, we repeat and translate information, and we work closely to ease communication.

SIKA products are quite technical and require specialised construction know-how; Chinese habits challenge our recommendations. A simple copy and paste of specifications from other projects located in China is not adapted to the local market; the products are not available or the performances are

the demand by recruiting Chinese speak- not adapted to the environment, or the labour is not trained

> Example No.1: Bituminous torch-on membranes, such as our popular SIKA Bituseal, are commonly used everywhere. However two types of material exist: APP and SBS. SIKA promotes APP as we know it is adapted to the hot climate and also adapted to the labour force as it is easier to torch. Chinese contractors very often request SBS, thinking they want to replicate what they do in China, while it is not recommended in Cambodia.

Example No. 2: SIKA supply high-quality flooring solutions, including Poly Urethane / Cementitious flooring for industrial kitchens. A completed questionnaire is required to select the adequate system i.e. what type of equipment, what resistance to acid, what is maximum load, what type of cleaning agent they will use, how to maintain the floor etc. Very often, the technical manager on site focuses on initial product performance and not on the full life cycle of the building.

At SIKA we build trust by advising on the right solutions for developers, architects, contractors and end-users

For more information please contact : sales@kh.sika.com or call 017 666 760 (Mr. Raymond - Sika Chinese Sales Manager)



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BUILDING TRUST

KOH KONG AIRPORT Construction Set for 2018

To ease traveling to the coastal resorts in Koh Kong Province, a new Koh Kong international airport project is scheduled to break ground for engineering works in early 2018 with an uncertain completion date.

The coastal airport is to be developed on a 750 hectare andmass located at Botum Sakor district of Koh Kong Province which is one of Cambodia's four coastal provinces. The development is part of the massive Dara Sakor Seashore Resort Development which is being developed at two districts in Koh Kong to become one of Southeast Asia's finest resort cities.

According to the Phnom Penh Post, UDG secured a 99-year exclusive concession in 2008 approved by the Cambodian government to transform a 45,000 hectare landmass encompassing Botum Sakor and Kiri Sakor districts of Koh Kong into one of the world's iconic tourism heaven estimated to be worth about USD3.8 billion. Once finished, Dara Sakor resort will feature luxury hotels, resorts, Villars, condominiums and various tourism-related facilities that will target mostly rich Chinese. The entire resort development, including the airport, is being developed by Tianjin Union Development Group (UDG), a well-known real estate developer giant based in Tianjin, China. The company has developed various residential and commercial projects in China and Cambodia.

Upon completion, the developer expects the airport will bring in planes as big as Airbus 380s, with a handling capacity of 10 million passengers annually, according to the Centre for Asia Pacific Aviation (CAPA). CAPA is the leading provider of independent aviation market intelligence, analysis, reports and data services, covering worldwide developments on a daily basis.

The master plan for this coastal airport has already been finalised according to UDG spokesperson Bella Zhang. CAPA quoted her as saying that "A geological survey and initial design work has been concluded for this high-grade international airport. The construction is ready to go."

Construction of the airport is divided into three phases. Phase one begin-

Sihanouville International Airport, Cambodia Airports Photo by Thongsin

ning in January 2018, costing between USD300 and USD350 million, Sinn Chanserey Vutha, spokesman of the State Secretariat of Civil Aviation (SSCA) told the Phnom Penh Post.

However, the specific timeframe for phases two and three is not specific yet, and would bank on how well the airport functioned after phase one's completion, Vutha explained. "The whole development is projected to have a total investment of more than USD500 million."

The upgrades to the nation's aviation infrastructure have been guided by a long-term master plan which maps a transport infrastructure vision for the next 30-40 years. To help ease the burden on the three international airports, the Cambodian government and the International Air Transport Association (IATA) have been studying the feasibility of reopening some domestic airports.

IATA recommended Ratanakiri, Kong Kong and Preah Vihear provinces as prospective areas for either reopening or developing new airports due to tourism potential ■



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o welcome the 32nd Southeast Asia Games (SEA Games) in 2023 that will be hosted in Cambodia, as well as other largescale national and international games; Cambodia began building the Morodok Techo National Sport Complex, in April 2013. The nation's largest and most modern mega-sports facility and community is being constructed at Prek Tasek Commune in the capital's Russei Keo District. To learn more about the architectural aspects so as the construction challenges for this mas-



sive masterpiece, Mr. Varheng Dawuth, **Principal Architect at Architect Solutions** Company gave an exclusive interview with Constuction and Property Magazine reporter Chhhuth Buntheoun.

1. What have been your experiences in the construction industry? What is your role in this new mega project?

I graduated in 1995 majoring in

Architecture from Saigon, Vietnam. After take on. My role in this mega project; I graduation, I have acquired extensive experience in architectural design, and have designed numerous projects over the past two decades including hotels, factories, apartments, public offices, residential houses etc., Being a principal architect of this mega project, I am confident that the Morodok Techo National Sports Complex is no doubt one of the biggest challenges that an architect can

am a principal architect responsible for designing the whole project.

2. How many stages are applied to the construction of Morodok Techo **National Sports Complex?**

Construction of this enormous stadium is divided into three phases covering 85 hectares of the landmass. Phase 1 began in April 2013; costing

USD38 million, solely financed by the Cambodian government and built by the local firm L.Y.P. Group that owns the land. It is expected to be finished by the end of this year. Phase II, which is the construction of the main stadium with a capacity of 60,000 spectators and equipped with an international standard emergency exit system, incepted its construction in April 2017. The second phase costs USD157 million, financed by Chinese government, and is taking 40 months to complete. While the master plan for Phase III is already finished and is expected to be completed in mid-2021, we are now waiting for the requested budget from the government to kick off the work. During his four-day visit in May 2017 to Beijing to attend the One Belt, One Road Forum, Samdech Prime Minister Hun Sen also requested additional aid from his Chinese counterpart to cover the construction for the last phase. However, there are no updates thus far whether or not the Chinese side will inject some extra finance to finish the sport complex.

3. What are the key features to build in each stage? Which stage are you working on now?

Constructions for Phase I are the indoor sport centre, training halls, aquatic centre, athletes' village, and training fields. Four buildings are targeted in Phase II: main stadium, hockey fields, traditional sports hall, and gymnastic centre. Phase III will consist of health care facilities, sports medical centre and tennis centre. We intend to utilise locally-sourced building materials and building workers as much as possible for economic reasons.

4. Which company is the main contractor? How about the architectural and engineering firm? Are many Cambodian firms sub-contracted there or are they mostly Chinese firms?

The Chinese government is footing the bill for Phase II after Cambodia's coffers stumped up the funds for the first phase of development. Thus, the Chinese firm is entirely responsible for construction, partnered with L.Y.P Group as the developer. Yet, the architect firm is represented by Architect Solution Company, mainly responsible for initiating the design of its layout. This mega project has absorbed over 400 Cambodian workers; and only 25 local skilled workers are employed on the engineering aspect.

5. What are the biggest challenges in building this project?

Our last sports complex, the National Olympic Stadium Sports Complex, was built more than 50 years ago. To ensure we are up to date with modern standards for 35 different sports in our sport facilities, we have to work extremely hard by starting everything from scratch. We had to learn from our ASEAN friends: Thailand, Singapore, Malaysia, Vietnam, and Myanmar, yet we are still insufficient. We had to expand our journey to Europe, Spain, France and Italy – to learn about their standards as well. Thus, we spent a lot of times visiting the international stadiums; learning each stage thoroughly to ensure that this enormous sport complex will be built to international standards for the upcoming SEA Games to hosted in Cambodia in 2023 as well as many other large scale games to come.

6. What are the key special aspects of this mega stadium compared to other international stadiums?

The overall plan of this complex is inspired by the traditional and exceptionally rich architectural history of Cambodia. Several other elements of the layout, from the water system to road systems, are also inspired by the structure of the famed Angkor Wat Temple. Apart from the layout, each building's design is inspired by various architectural styles and symbols from the past, from Angkor Wat to Banteay Srey Temple to the symbols of dragons and elephants just to name a few. Moreover, in each of its buildings, the Morodok Techo National Sports Complex is equipped with specialised, standardised sports equipment. It also is a natural sports location, teeming with fresh air and beautiful green scenery as different types of the green landscape will cover 70 percent of the 85-hectare land area ■



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ទោះបីជាត្រូវបានរចនា ទ្បើងដោយគំនិតស្ថាបត្យកម្ម រចនាបថខ្មែរ ក៏ពហុកីឡដ្ឋានជាតិ មរតកតេជោនឹងត្រូវបាន ស្ថាបនាឡើងអនុលោមតាម ស្តង់ដារអន្តរជាតិផងដែរ។

ដើម្បីត្រៀមខ្លួនធ្វើជាម្ចាស់ផ្ទះនៃការប្រកួត កីឡាស៊ីហ្គេមលើកទី៣២ ក្នុងឆ្នាំ២០២៣ នេះ កម្ពុជាបានចាប់ផ្តើមសាងសង់ពហុកីឡដ្ឋាន ខ្នាតអន្តរជាតិមួយដែលនឹងបញ្ចប់នៅឆ្នាំ ២០១៣ មានឈ្មោះថា ពហុកីឡដ្ឋានជាតិ មរតកតេជោ។ ពហុកីឡដ្ឋានដែលធំ និង ទំនើបជាងគេនៅកម្ពុជានេះ មានទីតាំងស្ថិត នៅឃុំព្រែកតាសេក ខណ្ឌឫស្សីកែវ រាជធានី ភ្នំពេញ។ ដើម្បីសិក្សាស៊ីជម្រៅពីទិដ្ឋភាព ស្ថាបត្យកម្ម និងការប្រឈមក្នុងការសាងសង់ នៃគម្រោងដ៏មហិមានេះ លោក វ៉ាហេង ជាវុធ ប្រធានស្ថាបត្យការនៃក្រុមហ៊ុន Architect Solutions បានផ្តល់កិច្ចសម្ភាសន៍ជាមួយ លោក ឈុត ប៊ុនធឿន ដែលជាអ្នកយកព័ត៌- មានរបស់ទស្សនាវដ្តីសំណង់ និង អចលនទ្រព្យ បានផ្តល់ការអត្ថាធិប្បាយដូចខាងក្រោម៖

9) តើលោកបានប្រឡូកក្នុងវិស័យសំណង់ អស់រយៈពេលប៉ុន្មានឆ្នាំហើយ? តើលោកមាន តួនាទីអ្វីនៅក្នុងការសាងសង់គម្រោងពហុកីឡ-ដ្ឋាននេះ?

ខ្ញុំបានបញ្ចប់ការសិក្សាផ្នែកស្ថាបត្យកម្មនៅ ទីក្រុងសៃហ្គន នៃប្រទេសវៀតណាម ក្នុងឆ្នាំ ១៩៩៥។ ក្រោយបញ្ចាប់ការសិក្សាខ្ញុំបាន ឈានជើងចូលក្នុងវិស័យមួយនេះអស់រយៈ-ពេលជាង២០ឆ្នាំមកហើយ ហើយបានរចនា ប្លង់គម្រោងជាច្រើនដូចជា សណ្ឋាគារ រោងចក្រ អាផាតមែន ការិយាល័យសាធារណៈ និងគេហ-ដ្ឋានជាដើម។ ក្នុងនាមជាប្រធានស្ថាបត្យករ នៃគម្រោងនេះ ខ្ញុំគិតថាគ្មានអ្វីដែលត្រូវឆ្ងល់ នោះទេ ដែលថាពហុកីឡដ្ឋានជាតិមរតកតេជោ នេះគឺជាឧបសគ្គដ៏ធំបំផុតដែលស្ថាបត្យករ ត្រូវពុះពារ។

២) តើការសាងសង់នៃពហុកីឡដ្ឋាននេះ ត្រូវបានចែកចេញជាប៉ុន្មានដំណាក់កាល ?

ការសាងសង់នៃគម្រោងពហុកីឡដ្ឋាននេះ គ្រប់ដណ្តប់លើផ្ទៃដីទំហំ៨៥ហិកតា និងចែក ចេញជាបីដំណាក់កាល។ ដំណាក់កាលទី១ ចាប់ផ្តើមនៅឆ្នាំ២០១៣ ទទួលការសាងសង់ ដោយក្រុមហ៊ុន លីយ៉ុងផាត់គ្រុប (L.Y.P. Group) ចំណាយទឹកប្រាក់អស់៣៤លាន ដុល្លារអាមេរិក ដែលជាថវិការបស់រាជរដ្ឋា-ភិបាលកមជា។ ដំណាក់កាលទី២ ដែលជា ការសាងស់ង់អគារពហុកីឡដ្ឋានធំ ដែលអាច ផុកទស្សនិកជនបាន ៦ម៉ឺននាក់ និងបំពាក់ ដោយប្រព័ន្ធដំលៀសខ្លួនពេលមានអាសន្ន លំដាប់ថ្នាក់អន្តរជាតិ បានចាប់ផ្ដើមសាងសង់ កាលពីខែមេសា ឆ្នាំ២០១៧ ដោយប្រើរយៈពេល ៤០ខែដើម្បីបញ្ចប់។ ហើយដំណាក់កាលនេះ មានតម្លៃ១៥៧លានដុល្លារអាមេរិក ដែលជា ជំនួយរបស់រដ្ឋាភិបាលចិន។ ខណៈដែលការ រៀបចំផែនមេត្រូវបានបញ្ចប់ជាស្ថាពរ សម្រាប់ ដំណាក់កាលទី៣ ដែលជាដំណាក់កាលចង ក្រោយ គ្រោងនឹងបញ្ចប់នៅពាក់កណ្តាលឆ្នាំ ២០២១ កំពុងរង់ចាំថវិកាពីរាជរដ្ឋាភិបាលដើម្បី ចាប់ផ្តើមការងារសាងសង់។

៣)តើការសាងសង់ដំណាក់កាលនីមួយៗ មានលក្ខណៈពិសេសអ្វីខ្លះ ? តើបច្ចុប្បន្នកំពុង ស្ថិតនៅក្នុងការសាងសង់នៃដំណាក់កាលទី ប៉ុន្មាន ?

ការសាងសង់ក្នុងដំណាក់កាលទី១ គឺជា កីឡាក្នុងមណ្ឌលសាលកីឡា មានដូចជា សាលហ្វឹកហាត់ មណ្ឌលកីឡាហែលទឹក អគារស្នាក់នៅ អាហារដ្ឋាន និងទីលានហ្វឹក ហាត់។ យ៉ាងណាមិញក្នុងដំណាក់កាលទី២



គឺផ្តោតលើការសាងសង់អគារពហុកីឡដ្ឋាន មេ។ ដោយឡែកដំណាក់ទី៣ មានដុចជា មណ្ឌលថៃទាំសុខភាព មជ្ឈមណ្ឌលវិជ្ជសាស្ត្រ និងទីលានវាយកូនបាល់ ទីលានហុកគី សាល កីឡាប្រពៃណី សាលកាយសម្ព័ន្ធ និងសាល កីឡាបាញ់កាំភ្លើង។ យើងព្យាយាមប្រើប្រាស់ សម្ភារសំណង់ និងកម្មករសំណង់ក្នុងស្រុកឲ្យ បានច្រើនតាមដែលអាចធ្វើបានដើម្បីចំណេញ ដល់សេដ្ឋកិច្ចជាតិ។

៤)តើក្រុមហ៊ុនណាជាអ្នកទទួលសាងសង់ លើគម្រោងនេះ ? ហើយក្រុមហ៊ុនណាដែល ជាអ្នករចនាប្លង់នៃគម្រោង ? តើមានក្រុមហ៊ុន ខ្មែរចូលរួមការសាងសង់ដែរឬទេ ឬក៏មានតែ ក្រុមហ៊ុនម៉ៅការរបស់ចិនទេ ?

ដោយសារតែដំណាក់កាលទី២ ទទួលបាន ជំនួយពីរដ្ឋាភិបាលចិន ដូច្នេះក្រុមហ៊ុនចិនត្រូវ បានជ្រើសរើសដើម្បីធ្វើជាអ្នកម៉ៅការសាង់សង់ សម្រាប់ដំណាក់ទី២។ ដោយទ្បែកសម្រាប់ ក្រុមហ៊ុន Architect Solutions ដែលដឹកនាំ ដោយរូបខ្ញុំផ្ទាល់ទទួលខុសត្រូវជាសំខាន់លើ ការផ្តួចផ្តើមគំនិតរចនាលើប្លង់មេនៃគម្រោង នេះ។ ការសាងសង់ពហុកីឡដ្ឋាននេះបានស្រូប យកកម្លាំងកម្មករក្នុងស្រុកជាង៤០០នាក់ ហើយក៏មានបុគ្គលិកជំនាញក្នុងស្រុកចំនួន ២៥នាក់ផងដែរ។

៥) តើអ្វីជាបញ្ហាប្រឈមក្នុងការសាងសង់ អគារពហុកីឡដ្ឋានដ៏ធំមួយនេះ ?

ពហកីឡដ្ឋានចុងក្រោយរបស់យើង ដែល ជាពហុកីឡដ្ឋានជាតិអូឡាំពិកត្រូវបានស្ថាបនា ទេងែកាលពី៥០ឆាំមន។ ដើមធ្វានាថា ពហ-កីឡដ្ឋានថ្មីរបស់យើងនឹងមានស្ទង់ដារទំនើបៗ សម្រាប់កីឡាចំនួន៣៥ប្រភេទ នោះយើងបាន ធ្វើការយ៉ាងលំបាកពីចំណុចសូន្យទ្យើងទៅ។ យើងចាំបាច់ត្រូវសិក្សាស្វែងយល់ពីប្រទេសជា មិត្តនានាក្នុងតំបន់អាស៊ានដូចជាប្រទេសថៃ សិងបរី ម៉ា់ទេស្រី វៀតណាម និងភមា ប៉នៃវា នៅតែមិនទាន់គ្រាប់គ្រាន់នោះទេ។ យើងត្រូវ បន្តដំណើរទៅទ្វីបអឺរ៉ុបដូចជា អេស្យ៉ាញ បារាំង អ៊ីតាលី ដើម្បីសិក្សាពីស្តង់ដារបស់ពួកគេផង ដែរ។ ដូច្នេះយើងបានចំណាយពេលវេលាជា ច្រើន ដើម្បីទៅសិក្សាពីពហុកីឡដ្ឋានលំដាប់ អន្តរជាតិជាច្រើន ដោយត្រូវសិក្សាពីដំណាក់ កាលសាងសង់នីមួយៗយ៉ាងលំអិត ដើម្បីធ្វើ ឲ្យប្រាកដថា ពហកីឡដ្ឋានដ៏មហិមានេះ និង ត្រូវស្ថាបនាឡើងស្របទៅតាមស្តង់ដារអន្តរ-ជាតិសម្រាប់ប្រារពុកមុវិធីប្រកួតកីឡាស៊ីហ្វែម នៅកម្ពុជានៅឆ្នាំ២០២៣ ក៏ដូចជាការប្រកួត កីឡាធំៗដទៃទៀតដែរ។

៦)តើអ្វីជាចំនុចពិសេសនៃពហុកីឡដ្ឋាន ជាតិមរតកតេជោ បើធៀបនឹងពហុកីឡដ្ឋាន អន្តរជាតិដទៃទៀត ?

ប្លង់ទាំងមូលនៃពហុកីឡដ្ឋាននេះគឺត្រូវ បានជម្រុញដោយប្រវត្តិសាស្ត្រស្ថាបត្យកម្មជា ប្រពៃណីដ៏អសារនៃកម្មជា។ ធាតុផ្សំមួយ ចំនួនផ្សេងទៀតនៃប្លង់គំរ៉ូ ចាប់តាំងពីប្រព័ន្ធទឹក រហូតដល់ប្រព័ន្ធផ្លូវ ក៏ទទួលបានការជម្រុញពី រចនាសម្ព័ន្ធនៃប្រាំង្គប្រាសាទអង្គរវត្តដ៏ល្បី-ល្យាញផងដែរ។ ក្រៅពីប្លង់គំរូនេះ ការរចនា អគារនីមយៗក៏ចមងពីរចនាបថសាបតក្រម និងនិមិត្ថរូបផ្សេងៗពីអតីតកាលដែលរាប់ចាប់ ពីប្រាសាទអង្គរវត្ថុ ទៅប្រាសាទបន្ថាយស្រីដ៏ ល្អវិចិត្រ រហូតដល់ទៅរូបតំណាងនៃសត្វនាគ និងសត្វដំរីជាដើម។ល។ ម្យ៉ាងវិញទៀត ពហុកីឡដ្ឋានជាតិមរតកតេជោ ក៏មានបំពាក់ ដោយបរិក្តារកីឡាលក្ខណៈស្តង់ដារ និងមាន ឯកទេសច្បាស់លាស់ផងដែរ។ ហើយវាក៏នឹង ក្លាយទៅជាទីតាំងកីឡាបែបធម្មជាតិមួយ ដែលពោរពេញទៅដោយទេសភាពស្រស់ ត្រកាល និងខ្យល់អាកាសបរិសុទ្ធផងដែរ ដោយសារតែសួនច្បារ និង ដើមឈើនឹងគ្រប ដណ្តប់លើផ្ទៃ៧០ភាគរយនៃផ្ទៃដីទំហំ ៨៥ ហិកតា៕



800,000 HOUSING UNITS FOR PHNOM PENH BY 2030

o meet the growing demand for housing among the low-middle income population, Phnom Penh will require an extra 800,000 housing units by 2030 according to the Ministry of Land Management, Urban Planning and Construction (MLMUPC).

Speaking at the National Housing Forum on the theme "Housing at the Centre" hosted in late June, H.E. Chea Sophara, Minister of MLMUPC explained that since Phnom Penh's population is estimated to reach almost 8 million or about 40 percent of the total population in 2030, the capital's urban areas will need an additional 800,000 residential units to meet the needs of that population growth. The 15 year prediction is based largely on a rising population buoyed by a huge flow of rural people into the capital.

"To meet the growing demand, the MLMUPC has been implementing the National Housing Policy to encourage and endorse all sorts of low-cost housing developments that cost under USD30, 000 per unit with long-term payment," H.E. Chea Sophara said at the forum.

Year on year, housing demand in Cambodia continues to rise as the population has rapidly grown over the last few years. While the current population is estimated at 15.8 million in 2017, the number is forecasted to reach between 18.4 million and 18.9 million people by 2030, according to the press release issued by Habitat for Humanity Cambodia that organised the National Housing Forum.

The report found that the private sector appears to be more focused on middle and upper middle income groups with household incomes over USD500 per month, while those focusing on households with incomes below this are making slower progress.

Housing developments for low-income earners are expected to provide 7,637 units by mid-2017. Currently, the MLMUPC has partnered with two developers; Worldbridge Land and B & BM, to develop affordable houses for low to medium income families. Located in Ponhear Lueu, Kandal Province, B & BM Development Co., Ltd broke ground in early May for a development project on about 82 hectares of land with 5,340 units. Worldbridge Land kicked off Phase 1 of its project in January on 24 hectares of land located near Takhmao town that will offer 2,297 two-storey houses.

Moreover, an Australian and Cambodian joint venture aims to launch an affordable housing project targeting newly-married couples looking to purchase their first homes.

The joint venture is investing USD25 million in the first phase of the project located in Por Senchey and Dangkor districts in Phnom Penh, the Australian Cate Group told Khmer Times.

A recent housing workshop on the issue acknowledged the fact that the market is saturated with options for higher income buyers and the willingness of the government to support private development of cheaper housing on the outskirts of the capital





PHNOM PENH MUNICIPALITY DIARY: May - June 2017



Chumpov Vorn pedestrian bridge opens

05 May

To prevent traffic accidents regularly occurring with pedestrians, the municipality officially opened the pedestrian crossing bridges

for use which are located near Champour Vorn High School in Phnom Penh. The two bridges will allow people nearby to walk across National Road Number 4 while keeping them safe from vehicles so as to help reduce a lot of traffic jams along the market and school.



Chinese aid provides 100 public buses to Phnom Penh

09 May

China has provided 100 new buses for the firsttime to operate in Phnom Penh. While 57 buses are currently running on three routes in the

capital, City Hall will be able to add five more routes to serve passengers with the new buses. The five additional new routes to be introduced have already been studied and the municipality expects the new buses will improve the public bus service in the city. The buses arrived at Sihanouk Autonomous Port on 25 June. The Japan International Cooperation Agency (JICA) will also provide 180 new buses to the capital.



▼ Chroy Chongva administrative building opens

17 May

Phnom Penh Municipal Governor H.E Pa Socheatavong presided over the inauguration of the Chroy Changvar Administrative d in Kean Kleang Village Prek Lean commune

Building located in Kean Kleang Village, Prek Leap commune Chroy Chongva district. The 28 metre wide and 15m long building consists of two floors.



▼ Japan to train Cambodian officials on drainage management

27 May

A delegate from Japan's Kitakyosui city met with officials from Phnom Penh Public Works and Transport to discuss training on the drain-

ing maintenance and management and on the dissemination of polluted water issues. It is expected that after the training, the drainage management in Cambodia will be improved to the next level.



PPCH attends Makro market groundbreaking

29 May

The Cambodia Makro market officially kicked off its construction on 29 May near Aeon Mall II located in Sen Sok District, Phnom

Penh. H.E Pa Socheatavong, Phnom Pen Municipal Governor presided over the ground breaking. The construction of the retail market is expected to finish at the end of this year. Makro is a Thai-based wholesale supermarket, providing a wide variety of food ingredients from all over the world for hotels, restaurants and catering service operators to create either local or international menus easily.



Democratic Park public toilets open

07 June

Construction on the new public toilets in Democratic Park located in Phnom Penh's Ruessey Keo District was completed by late May.



▼ Concrete Road No.5 opens for traffic

13 June

The concreting of National Road No. 5 has achieved 100% completion. The road is 3900 metres long, 16 metres wide, and links from Prek Pnov Bridge to Yoeu Trey. The municipality has also

been enlarging Kob Srov Road to be 638 metres in length and 5 metres wide linking from Prek Pnov to Road No 5.



Riverside pedestrian walkway to welcome Water Festival

14 June

Construction of the Riverside Park and pedestrian walkway from Preah Ang Dongkoeu to Preah Konlong achieved 65% of completion

as of 14 June 2017. City Hall aims to complete the entire project, which will connect from Diamond Island to Chroy Changvar Bridge, just before the upcoming Water Festival.



Detailed study on Chroy Chongva steel bridge construction

15 June

A delegation from City Hall visited the Chroy Changvar steel bridge construction site to study progress. The steel bridge will span

across the Tonle Sap River and links from Reussey Keo to Chroy Chongva districts in Phnom Penh. The bridge is to be built for temporary commuting, and will be removed soon after the repair works for the old Chroy Chongva Bridge called the Cambodian-Japanese Friendship Bridge - is complete. The bridge was originally constructed in the 1960s.



Choy Chongva development master plan discussed

21 June

Phnom Penh Deputy Governor H.E Eang Ouny presided over a meeting on the Chroy Chongva development master plan in Prek Tasek

Commune. The meeting aimed to set up management and development guidelines in accordance with the technical standards and provision which was set out in the master plan for the year 2035.

TBOUNG KHMUM ADMINISTRATIVE FACILITIES OPEN



Three years after the province was officially established, the Tboung Khmum administration office facilities were officially inaugurated in May with full completion slated for early 2018.

In early May 2017, the Cambodian government put the Tboung Khmum Provincial Hall and other related facilities including officials' dormitory building into official use. The facilities included a 26km road network across the provincial town, a clean water reservoir that can handle 3 million cubic metres and a clean water treatment plan that can produce 208 cubic metres of clean water per hour.

The inaugurated facilities are located in Srolop Commune, Tboung Khmum District, Tboung Khmum Province, about 200 km north-east from the capital Phnom Penh.

The province was formed when

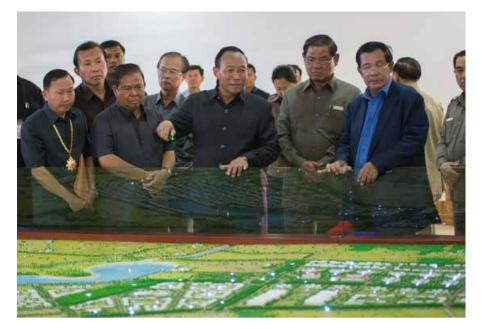
Kampong Cham Province was split in two by a royal decree signed in 2013 for the purpose of improving administrative efficiency in the large province. With a size of 5,250 square kilometres, the kingdom's 25th province borders the provinces of Kampong Cham to the west, Kratié to the north, Prey Veng to the south, and shares an international border with Vietnam to the east. Its capital and largest city is Suong. The province's name consists of two words in Khmer, tboung (gem, precious jewel) and khmum (bee), which together mean "amber".

Speaking at the inauguration of the Provincial Administrative Hall and other facilities on 9 May, H.E. Prach Chan, the former Tboung Khmum provincial governor reported that the province is divided into six administrative districts, 1 city, 62 communes, 2 sangkats and 873 villages with a total of 184,000 households or 844.000 persons.

After the province was officially created, the government launched a master plan for the provincial town on a 2,000 hectare landmass which paved the way for the construction of various provincial facilities to kick off in January 2015.

While the remaining facilities are expected to be fully completed in early 2018, the province opened its first university building called Heng Samrin Tboung Khmum University in February 2016 following the ground breaking for another three educational buildings. Today, the province has 23 high schools, 54 secondary schools and 395 primary schools.

Presiding over the inauguration ceremony, after also presiding at the groundbreaking ceremony in 2015, Prime Minister Samdech Hun Sen explained that the province's establish-



People living in most parts of the province will also enjoy cheap electricity and running water tariffs. For electricity, consumption of ten KWH per month will be billed at only Riel 480 per KWH. Consumption of 50 KWH and/or less will be billed Riel 610/KWH. Consumption of more than 50 KWH/ month will pay 770 Riel for those connected to the national electricity transmission lines and Riel 790 to private lines. For running water, it will cost only Riel 400/cubic metres for use of 3 cubic metres and below starting from 15 May.

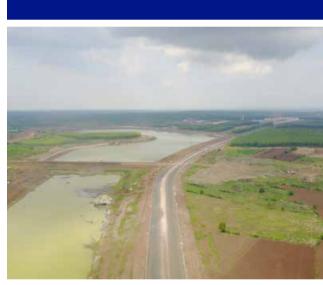
Cambodia is now made up of 25 provinces and 4 cities covering a landmass of 181,035 square metres ■

ment is to serve people's needs and requirements as well as to improve administrative efficiency.

"Kompong Cham province has a large area and population – two million over the whole country's population 15 million. There is a need therefore to divide the province into two," he said. "In the past, people had had to travel to the provincial town of Kompong Cham to seek administrative services. For people in Mehmot, it is very long distance to travel there. With Tboung Khmum province established, they can benefit from public services closer to home [...]. We are moving administrative offices and services closer to our people."

He also hinted that, after having a university in operation, China will soon build a hospital which will serve as a big referral medical centre. "Once it is done, our people will not need to send patients on a long journey to Kompong Cham. We are addressing our people's requirements."

According to the prime minister, the government has already laid plans for the construction of education facilities for the 2017-18 school year. That will include some facilities for primary, junior and senior secondary educations







MLMUPC DIARY: MAY - JUNE 2017

Ministry inaugurates 50-hectare public housing project

To honour International Labour Day, H.E. Chea 01 Mav Sophara presided over the ground-breaking event for a large-scale public housing development project developed by Bun Jes Group. Developed on a 80-hectare landmass, the project is located at Sleng Deidos Village, Prek Taten Commune, in Kandal Province's Punhea Leu District which is about 22km from downtown Phnom Penh.



Ministry presents land dispute resolution to police students



H.E. Chea Sophara was invited to deliver experience sharing on the mechanism to resolve the nation's land disputes to students, police officials and lecturers of the Policy Academy of Cambodia.



► MLMUPC discusses ties with Japan counterpart

05 Mav

H.E Chea Sophara discussed issues related to urban planning, construction, and land management with Mr. Keiichi ISHII, Minister of Land, Infrastructure,

Transportation and Tourism of Japan. The two counterparts have discussed these issues a few times already since H.E. Chea Sopara took office last year.



Ministry finalises White Building development resolution



H.E. Chea Sophara presided over the meeting on the White Building development. The discussion produced three results; the residents accepted the

offer of USD1,400 per square metre in compensation from the MLMUPC; the relocation will take place between 6 June and 6 July, 2017; and a USD100 was offered to each family to remove their materials out of the building.





នើស្វីន ឌីស្សាញ អេល ខលស្ត្រន់សិល (<mark>នីឌីស៊ី</mark>) អ៊ិលបីលរីល PERFECT DESIGN & CONSTRUCTION (PDC) ENGINEERING CO., LTD

ការសាងសង់ / CONSTRUCTION



- 🗹 ទទួលសាងសាង់សំណង់ទូទៅ General Cosntructions
- 🗹 ៣រងារវិស្វកម្មស៊ីវិល / Civil Engineering work
- 🗹 សិក្សាប្លង់ស្ថាបត្យកម្មនិងេគ្រឿងបង្គំ Architectural/Structural Design
- រៀបចំផ្នែកខាងក្នុង កែលំអរ និងពង្រឹងគ្រោងអាគារចាស់ Interior, Renovation & Strengthening





- 🗹 ការងារទឹក ភ្លើង Mechanical/Electrical/Plumbing (MEP) work
- 🗹 បណ្តាញទូគេមនាគមន៍ និងបណ្តាញបង្គោលភ្លើង
- Telecom & Power Transmission service
- 🗹 ស្ដែម ខនគ្រីព និង ទេសភាពខាងេក្រា Stamped Concrete and Landscaping
- 🗹 រោងជាំងពត់ដែកក្បាប់ / Steel Bending Art
- ☑ គម្រោងផ្ទះតម្លៃតូថ្លៃសម្រាប់ទីជនបទ Cheap Home Project for Rural People





<mark>ភីឌីស៊ី អហរណ៍ នីហរណ៍</mark> / PDC IMPORT AND EXPORT



- 🗹 បំពង់ទុយោភ៏អ៊ី និងគ្រឿងតំណ / HDPE (PE) PIPE AND FITTINGS (Turkey)
- 🗹 បំពង់ទុយោទឹកត្រជាក់ ទឹកក្តៅ និងគ្រឿងកំណ / PPR PIPE AND FITTINGS (Turkey)
- 🗹 បំពង់ទុយោដែក អ៊ីណុក និងគ្រឿងតំណ / steel pipe/ standless steel and fittings
- 🗹 ម៉ាស៊ីនបូមទឹក / PUMP SYSTEM (Turkey) 🗹 ជ័រពៅស៊ូក៏អី / HDPE (PE) SHEET
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- 🗹 ប្រព័ន្ធស្រោចស្រែបឹកសិកម្ម នឹងគ្រឿងតំណ / Drip Irrigation System for Agriculture and fittings(Turkey) 🗹 អាខ្វាលីវ បាក់តេរី កំចាត់ក្លិនសួយក្នុងអាងស្តុកលាមក បណ្តាញទឹកកខ្វក់ និងស្រះ

Aqua Lift bacteria eat smell in your septic tank, Chanel and pond (Japan)









<mark>ភិឌីស៊ី អចលនទ្រព្យ</mark> / PDC PROPERTY



ភីឌីស៊ី កសិដ្ឋាន / PDC FARM











🗹 អភិវឌ្ឍន៍ដី / LAND DEVELOPMENT











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New low-cost home model announced

16 Mav

During his visit on 16 June, H.E. Chea Sophara suggested a new home model for middle to low income villagers living in Tromourng Commune, Memot District, Thbong Khmum Province. The new home model is in a

Khmer style with spacious rooms and very good air circulation, designed by ministry experts. It would be good to the villagers to choose this Khmer style which costs only USD12, 000 per unit.



White Building residents accept compensation scheme

10 June

The affected families living in the soon-to-be-razed White Building agreed to accept the compensation scheme from the government under the moderation by MLMUPC. The residents accepted the offer of USD1,400 per square metre. The Japanese firm Arakawa Co, is in charge of developing a 21-storey mixed-use structure at the site. To cele-

brate this fconsensus over the deal, a traditional Khmer noodle celebration party took place on 10 June 2017 near the White Building attended by H.E. Chea Sophara along with his coworkers and the White Building residents.

China eyes the kingdom's property boom

Senior Minister H.E. Chea Sophara welcomed Mr. 12 June Xun Ningning, Executive President of China-ASEAN Business Council (CABC) to discuss the nation's construction boom and hoping to bridge bilateral relations. During the meeting, the Chinese CABC delegates expressed their confidence in the Cambodian government and especially for having a business bond between the two counterparts. With this business friendship, the Chinese delegates promised to strengthen cooperation with the relevant ministries in the field of construction and property in the kingdom.



MLMUPC hosts national housing forum

H.E Chea Sophara presided over the National Hous-27 June ing Forum on "Housing at the Centre". Held on 27 June at Intercontinental Hotel, Cambodia, the event was a collaboration between Habitat for Humanity Cambodia and MLMUPC. H.E. Chea Sophara was also invited to meet the Habitat representatives, after the event successfully concluded.

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Association





CCA ENDORSES CAMBODIA REAL ESTATE SHOW 2017



Whith a common aim to help lift the nation's construction and property industries, the Cambodia Constructors Association (CCA) endorsed the Cambodia Real Estate Show 2017 which was organised for the first time by member company Real Estate.com.kh.

Celebrated on 5-6 May 2017 at NagaWorld Hotel, the event hosted 30 booths featuring local and international major property developments and real estate-related services.

With strong growth prospects as well as a boom in the real estate and construction sectors, more investors and developers are shifting their investments towards the Cambodian market. Real Estate. com.kh, Cambodia's leading property portal, initiated the event to showcase the leading developments and investment opportunities that Cambodia has to offer to those investors.

Seminars and speeches presented by local consultants and property experts throughout the two- day expo promoted understanding of the legal climate in Cambodia and the best ways for investors to manage their property assets in-country. Those seminars aimed to promote knowledge and establish confidence in purchasing a property in the kingdom.

Discussions focused on foreign property ownership in Cambodia, consumer trends, investment opportunities in Sihanoukville and Chroy Changvar, Special Economic Zone investment as well as crossborder data penetration, among others.

The Cambodia Constructors Association has endorsed various exhibitions related to the property sector in Cambodia. These include; Cambodia Real Estate Show hosted by member company Real Estate. com.kh; Cambodian Real Estate Convention and Expo 2017 (CAM-REC 2017) hosted by Cambodia Valuers and Estate Agents Association (CVEA); and the Cambodia Property Expo hosted by AMB Events.

Besides these events the CCA also hosts its own annual Cambodia Construction Industry Expo every December attached to its annual general assembly ■

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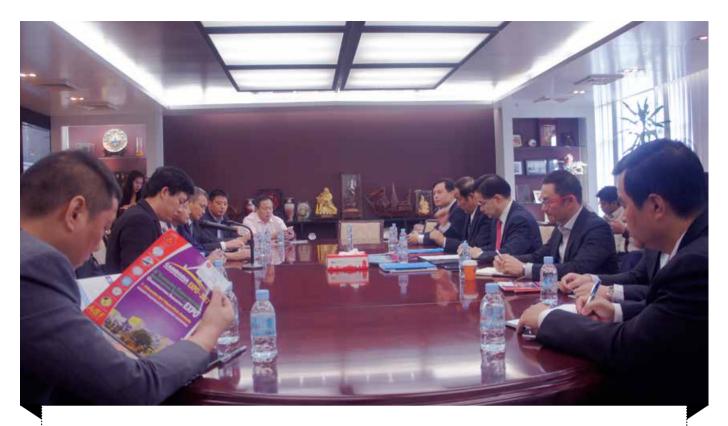


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CHINA BUILDERS EYE CAMBODIA Construction investment

he Cambodia Constructors Association (CCA) welcomed a high-level business delegation of the China - ASEAN Business Council (CABC) from Nantong city, China in June to discuss the growing Cambodia construction industry. The meeting was the third time the two groups had met to discuss the Cambodian market.

The trade discussion was held on 13 June at the CCA Secretariat in Canadia Tower. CABC invited 20 large contractor and developer firms involved in the construction industry in Nantong City, China.

Following a presentation by the CCA on the Cambodian market, the CABC delegates expressed strong interest to explore business cooperation with local construction

firms.

During the presentation, CCA also explained that China stands on the top row of investment followed by South Korea in the Cambodia construction sector. In 2016 alone, China invested some USD841 million in the kingdom.

In the first four months of 2017, Cambodia's construction sector attracted investment projects worth over USD4 billion, up 43 percent over the same period last year, according to the Ministry of Land Management, Urban Planning and Construction (MLMUPC).

MLMUPC data also showed that 1,020 construction projects were approved during the January-April period, compared with 712 projects approved during the same

period last year.

"Some 970 construction firms and 41 design companies are operating in Cambodia," stated the MLMUPC report.

The Cambodia Constructors Association has so far affiliated with various international organisations relevant to the real estate and construction industries. The association has connected Cambodia to the ASEAN Constructors Federation (ACF) in 2011, International Federation of Asian and Western Pacific Contractors' Associations (IFAWPCA) in 2015, China-ASEAN Business Council (CABC) in 2014, and China-ASEAN Building Materials Cooperation Committee in 2015 ■ Hosted and Organized by:



Cambodia Constructors Association

Supported by:



Ministry Of Land Management Urban Planning and Construction



Ministry of Commerce



Ministry of Labour and Vocational Training



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International Federation of Asian and Western Pacific Contractors' Associations



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43RD IFAWPCA CONVENTION TOUCHES ON 4TH INDUSTRIAL REVOLUTION

The 43rd convention of the International Federation of Asian and Western Pacific Contractors' Associations (IFAWPCA) was hosted in Seoul, South Korea from 30 May to 2 June 2017 on the theme, the 4th Industrial Revolution and the Construction Industry.

Attended by some 1,000 building professionals from the IFAWPCA's 18 Asia-Pacific member countries across the Asia-Pacific region, this 43rd convention was hosted by the Constructors Association of Korea (CAK) which has twice hosted the event.

Through its many seminars and presentations, the 43rd convention provided participants with various opportunities to exchange the latest information and knowledge regarding the convergence of the construction industries. In addition, it served as the best chance to present the vision and strategies for future challenges. The main point of this convention was about the revolution of the construction industries and management or what are known as 'smart cities.

During the first general assembly hosted on 30 May, chief delegates from various countries were invited to the presentation to show the development in Korea including economic development and the technological advancement of the country.

Various issues arising from previous meetings were discussed at the three-day convention. The 2nd IFAW-PCA Business Forum, held in Manila on 3-4 May 2017 and supported by the Philippines Contractors Association (PCA), was a very successful story to generate extra revenue for the Secretariat in between conventions. IFAWPCA earned USD6, 992





from this event which was the second event organised by PCA with the hope of celebrating other member countries as well.

The proposed IFAWPCA Award sponsored by PCA, which will veer toward green technology, is in the finalisation process. A more detailed presentation will be prepared by PCA for the midterm meeting and, if approved, this new award can be conferred as soon as the Malaysia Convention.

For the 'Looking Forward' business plan update, the association's website is being updated regularly with content sourced out from members. An e-newsletter is sent out periodically while the telephone hook-up and webinars are being considered to be introduced to the standing committee to facilitate their meetings between conventions.

For the new FAWPCA Video, the board approved a budget of USD5, 000 to develop a better and improved IFAWPCA video that reflects what IFAWPCA is today. Centred on the theme: IFAWPCA - The Nation Builders of the World, two parts of the video are envisioned: first, the IFAWPCA history feature clip; and second, the members' portion feature that will showcase 30 sec member clips. The IFAWPCA history clip is a 3min 45sec feature on IFAWPCA development, what it stands for, what is has achieved and the direction set for the federation. The members' portion is a 9min 50sec feature clip that highlights each IFAWPCA member with clips submitted by each member. It is expected to be approved at the 43rd general assembly.

For the ongoing recruitment of regular/association members, Bhutan expressed a desire to join IFAWPCA and submitted application requirements with the application endorsed by the Federation of Contractors' Associations of Nepal (FCAN). The Singapore Contractors Association Limited (SCAL) is helping to facilitate with Myanmar Contractors to invite them to attend as observers. The Vietnam Association of Construction Contractors (VACC) was invited to attend the convention as observers, yet no formal application has been received and no final decision from them yet to join IFAWPCA.

The Papua New Guinea Contractors Association (PNGCA), attended the Tokyo Convention and promised continued efforts to secure the completeness of PNGCA's application particularly on the capability to sustain payment of the yearly IFAPWCA dues.

Chinese Arbitration Association (CAA) representatives have registered and attended the Seoul Convention. Its associate membership application has been received but was not acted upon by the membership committee.

IFAWPCA is considering hiring of a legal consultant to help promote its activities legally. Members are asked to scout around for potential corporate lawyers who can be paid a minimum fee or can do pro bono work for IFAWPCA which is better.

For new business, the group is discussing the proposal for a Distinguished Service Award. SCAL has submitted a proposal to consider Mr. David Bateson for the IFAWPCA Distinguished Service Award in view of his more than 30 years of active participation and service in IFAWPCA as de facto legal adviser. The Board has agreed to pursue this nomination and follow the guidelines for the Distinguished Service Award.

For over fifty years, IFAWPCA has pursued the need for exchange of ideas, experiences, and construction technology amongst its members and affiliates in different climates and geographical settings.

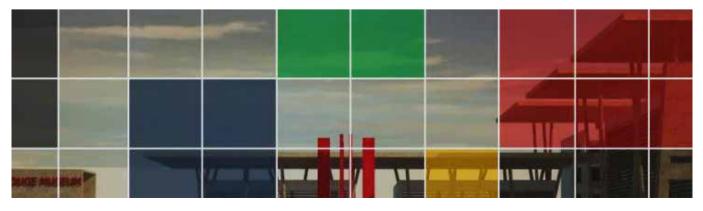
From its inception in Manila, Philippines in 1956, pioneered by only eight founding members, IFAWPCA today groups the fraternity of builders in eighteen countries of ASEAN and its neighbours, to the South-Asian capitals of New Delhi and Colombo. The Cambodia Constructors Association applied as the 16th member in 2015 ■



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INTERNATIONAL BRIEFS

Banda Malaysia facing collapse

he largest real estate project in Malaysia faces collapse after the government cancelled the contract with the Chinese-Malaysian developer in May after it failed to meet payments.

Banda Malaysia was intended to be a flagship development creating a new business district and transport hub in downtown Kuala Lumpur spread across almost 200 hectares.

It was also intended to be loca-

tion of the stunning new terminus of the KL - Singapore high speed rail link and house the ASEAN HQ of state-owned China Railway Engineering Corp (CREC).

The Malaysian government has turned to China's richest man, Wang Jianlin, and his property-entertainment conglomerate, Dalian Wanda Group, to take over as master developer of the scheme, though recent Chinese capital controls may still scupper the deal.





Japanese go ultra-luxury in Phuket

leading Japanese property developer has entered into a joint venture to create an ultra-luxury residential project in Phuket, Thailand worth an estimated USD174 million.

Kajima Overseas Asia has joined with Minor International (MINT), a SET-listed operator of hotels and restaurants worldwide to develop Avadina Hills; 16 luxury villas spread over 1.8 hectares. Phase 1 will see 11 villas built by 2018 with Phase 2 completed by 2020.

MINT also announced development of 97 luxury apartments and mixed use retail and commercial extension of its Turtle Village shopping mall.

These developments have been spurred by an 18 percent growth in tourism in Phuket in 2016.

Incomplete projects hamper Vietnam

espite Vietnam's real estate market grabbing attention and headlines for its strong performance in recent years, prospects in the north continue to be hampered by large numbers of incomplete projects.

Hanoi recorded 5,400 transactions and HCMC 5,870 respectively between January and May 2017 with May showing a strong average of 13 percent growth

nationwide.

The majority of deals are being transacted in the middle to high-end sectors though only supply is placing limits on affordable housing sales.

However, 12 of the 47 new developments in Hanoi remain incomplete more than 10 years. The capital's Me Linh district is especially hardest hit with incomplete developments spread out over 1, 800 hectares.



ទិញផ្ទះក្លាយជា សៃរ៍ផ្អុំ ដោយសារ The River

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NTERNATIONAL BRIEFS

Thai realty market rebounding

The condominium market in Bangkok has experienced a slight upturn in Q1 2017 thanks to growing demand and a slowing in new projects coming online.

Pre-sales of new projects in Q1 2017 was solid at 67 percent, a 3 percent increase over the same period in 2016. Both completion dates and sales slowed following the death of the Thai king in 2016. The average selling price for new CBD condominium units in Q1 was USD7, 110 per square metre which is 7.1 percent Y-o-Y higher but unchanged since Q4 2016.

Only 2,367 units in seven new projects were launched in the CBD in Q1 2017 which represents a 4.4 percent Y-o-Y decrease, according to research by Edmund Tie & Co.





Rentals driving Yangon market

www.ith a vibrant rental sector driving the Yangon market, Myanmar real estate experts believe this trend could catalyse investment into residential developments and construction of new units.

Rental fees in Yangon offer much higher returns on investment than any neighbouring countries such as Thailand and Vietnam. This offers great opportunities for local and international investors, who can now own 35 percent of a local business thanks to a new investment law and a new condo law which will allocate 40 percent of available units to foreign buyers.

Though the market has slowed after an initial huge surge when Myanmar opened up, two bedroom units in luxury condo developments are still commanding rental fees of USD2,500 - 3,000 per month.

Hong Kong market hits record highs

Residential property values in Hong Kong are now 75.9 percent higher than they were 20 years ago when the city was handed over to Chinese rule according to JLL's Land and Residential Market Review.

Investment from People's Republic of China (PRC) continues to drive prices skyward in what is already the world's most expensive city. The share of residential sites awarded to PRC developers has increased from 1 percent in 2001 to 100% in 2017.

According to the research, these trends are expected to result in a rise in capital values of mass and luxury residential real estate by between 10 to 15 percent in 2017.



JULY ~ AUGUST 2017 • ISSUE 028

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BMAM & GBR Expo Asia

Sihanoukville prices rise on Jack Ma rumours

ith Sihanoukville now enjoying a tertiary wave of large-scale Chinese investment, prices have experienced a sudden recent surge on rumours of a Jack Ma subsidiary company seeking to invest in a significant stretch of beachfront land.

As Chinese buyers eye investments in land, hotels and condominiums, many for developments into gambling and entertainment

facilities speculative pricing has become rife.

Nowhere has this been more apparent than at Otres Beach where a subsidiary of Ma's Ali Baba company was reportedly seeking to purchase the entire stretch of land facing the beach. Soon after the news - dismissed by an Ali Baba representative as rumour - prices shot up USD150 per square metre from USD350 to USD500.





Gold Tower 42 rumours continue

he saga of Gold Tower 42 continues to drag on with the developer denying a statement from the Ministry of Land Management, Urban Planning, and Construction (MLMUPC) in June which indicated the building had been sold.

Yon Woo Co. Ltd denied it had sold the project to another Korean developer and insists it is committed to completing the project according to reports in the Phnom Penh Post. The company has not provided a timeline for completion.

The development broke ground in 2008 in a prime downtown Phnom Penh location but ground to a halt during the global economic crisis in 2009. The property has laid dormant ever since despite repeated claims that work would re-start.

Innovative market idea floated

lans for a floating market integrated in a large scale satellite city are being presented to the government as a scheme to attract tourists to Kandal province.

The master plan envisages an entertainment, residential and industrial complex built on 1,000 hectares in in Vihear Sour commune in Ksach Kandal District of Kandal Province. The specially designed floating market is intended to cover 50 hectares along the

Mekong River and aims to attract both tourists and locals to a traditional Khmer market.

SkyLand is a joint venture between Jet's Group from Cambodia and India-based real estate firm Star5 Development Pvt Ltd. In June 2016 it announced plans for a UD30 million investment affordable apartment complex on the 1,000 hectare site as well USD60 million into high-end housing.



INTRODUCING HENG ASIA'S TOTAL SOLUTION CON

eng Asia is a company that thrives for creativity and innovations. We have joined the Cambodia Architect & Décor Fair in Koh Pich since 2016 and will be looking forward to participating in upcoming events.

"Becoming part of the fair has allowed us to creatively illustrate the innovation that our brands offer. With the streamlined process offered by KOHLER, AQUA, ROCKWORTH, L&E, CONWOOD, AND AMSTRONG, a total solution concept is developed. Through promoting the total solution concept towards our customers and clients, it will allow home owners, architects, and contractors to work with an experienced team from inspection to installation," explained Chea Kin, CEO of Heng Asia.

"Our purpose in introducing this concept is to showcase that Cambodia is ready for creativity. and by encouraging Cambodians to bring out the uniqueness of each environment," Kin said. We believe that by raising awareness of the total solution concept, our company plans to offer a one stop shop solution to home living. Thus, giving our customers an opportunity to create a healthy living space, and meet international standards."

"The company looks forward to expanding our potential to improve and offer a more effective and efficient way to design and construct," Kin continued. "Creativity and Innovation is our focus to bring out the uniqueness of your living style".











CVEA HOSTS FIRST PROPERTY SHOW

he Cambodia Valuers and Estate Agents Association (CVEA), the kingdom's largest real estate association hosted its first property expo to showcase some of the nation's iconic property developments across Cambodia.

Hosted on 24-25 June 2017 at Sofitel Phnom Penh Phookeetra Hotel in Phnom Penh, the Cambodian Real Estate Convention and Expo 2017 (CAMREC 2017) featured condominium projects, residential developments and property-related services. An international-scale conference was also organised where property experts from across the globe summarised their years of experience, knowledge and techniques in a series of short presentations and speeches.

350 local and international industry professionals attended this landmark event to gain know-how knowledge and techniques from real estate association presidents from eight ASEAN countries who presented their perspectives on real estate market trends from 2007 to 2017 and 2017 to 2027. Audiences were also impressed with the exclusive talks by some of major Cambodian property gurus such as H.E. Dr. Sok Siphanna, Oknha Sear Rithy, Oknha Ly Hour, and Oknha Lim Chhiv Ho.

Four leading residential (borey) developers and four condominium developers also presented on their business challenges and opportunities in the industry. These insights were exceptionally valuable for individuals or companies that are developing projects or dreaming to be start-up developers.

The Cambodian Valuers and Estate Agents Association (CVEA) was founded in 2008 with the mission to offer all members optimum opportunities in the nation's real estate market so as to help contribute to Cambodia's real estate development. The club has so far registered 98 member companies which are local and international property-related firms operating in Cambodia.

The Cambodia Constructors Association (CCA) also endorsed this event.









ATTRACTING INVESTMENTS TO PHNOM PENH

By Eric Wong Chon Lap

The ease of doing business is a critical consideration for a company to invest in a country. According to the World Bank, Cambodia is ranked at 131st place in terms of the ease of doing business, compared to 1st and 3rd for Singapore and Hong Kong, respectively. Singapore has been ranked the easiest place to conduct business in Asia as English is the official language.

Over the years, government reforms have made doing businesses in Cambodia easier. The Ease of Doing Business report ranks Cambodia behind most of its ASEAN member states, including Laos and Myanmar even though the country has drastically reduced time and procedures for investors to set up a business. It has made progression in simplifying company name checks, streamlining tax registration (there are considerations beyond taxation which Cambodia must address) and eliminating the requirement to publish information on the new company's incorporation etc. "Cambodia is an emerging market with a stable economy. The government is pro-business and is seen

to be trying to improve the systems," said Chhayleang Ngoun from Ratanaka Realty.

From low office rents, a strategic location within ASEAN to engage in cross-border trades and a low cost of living, Cambodia is an ideal place to set up a business. The key area of weakness for Cambodia is skilled human resources. These problems must be properly addressed if Cambodia wants to take advantage of regional integration and remain internationally competitive. Infrastructure-wise, Phnom Penh International Airport, the main entry point into Cambodia, has undergone an upgrade with an increase in capacity. However, the overall infrastructure is still poorly maintained, especially the road network and city planning that hinder overall real estate developments in Phnom Penh. "Right now there should be more investment into infrastructure," said Chan Mlop Sokha from Sokha Law Firm.

Although the Ministry of Commerce claims to have decreased the number of procedures required to start a company in Cambodia, it still takes almost three months on average to establish a company. Besides that, unnecessary bureaucracy in establishing and operating a company, inefficient procedures for obtaining work permits and visas, and other uncertainties about the interpretation of laws and regulations all hinder the ease of operations.

Whilst Cambodian people are pleasant and welcoming, the nation faces the challenge of a workforce hard pressed to efficiently deliver the same level of productivity compared to other major commercial hubs in the region. Language skill is another drawback. Malaysia, the Philippines and Singapore remain ahead in the integration of the English language in the state education system.

The ease of doing business must be monitored in order to attract more private investment. Cambodia should also identify a target group of countries and focus on industries where its strengths lie, such as services. In the end, Cambodia has the potential to position itself as a hub and to serve businesses catering to the ASEAN economy ■

PHNOM PENH'S OFFICE MARKET – A HEALTH CHECK



By Eric Wong Chon Lap

n recent years, Phnom Penh has seen a growing number of new office developments and many developers excited about the flurry of activities. But is the market strong enough to absorb all these new spaces?

Asian cities have long dominated the most expensive office markets in the world with Hong Kong being the acknowledged long-time leader. Phnom Penh however is one of the lower-ranked Asian cities and is becoming one of the cheaper office markets in the world. The average rent for prime Grade-A offices in Phnom Penh's central business district (CBD) has not increased much year-on-year with average rent at USD28 to USD32 per square metre per month. This is nine times cheaper than the CBD in Hong Kong.

Phnom Penh office demand has remained flat despite strong economic growth. Combined with a surplus of new supply, this should see only moderate rental price increases over the long term. With growing competition and new properties continuing to flood the market, some landlords are being flexible over terms and offering discounted rents. "Locating your business in a professionally run office building also allows the business to enjoy the modern facilities on offer. In terms of rental fee spaces inside the office, the building is arguably more expensive" according to Chhayleang Ngoun from Ratanaka Realty.

The vacancy rate has remained stable across all sub-markets. However, some upcoming projects coming onto the market this year may witness low pre-commitments. Existing landlords are making efforts to retain their tenants, but these existing office building choices have drawbacks, such as a lack of parking. On the positive side, the local Cambodian economy continues to grow and the primary occupier of prime office properties will continue to expand. In the coming years, the service sector will show particularly strong growth in Cambodia. Mainland Chinese investors have been seeking prime office space in Phnom Penh to support their local businesses and to cater for clients' needs.

In Phnom Penh, prime office occupancy costs which reflect rent, plus local taxes and service charges, are growing at a moderate pace. Looking at current office market conditions in Southeast Asia, a few key cities have registered decreases, including Singapore and Jakarta with excessive supplies of office spaces due to a significant number of new office buildings being completed.

For new office buildings, it may take years to fill, mostly by luring tenants from nearby buildings. "Only office buildings providing cheap rental rates in prime locations can attract tenants" said Chan Mlop Sokha from Sokha Law Firm ■



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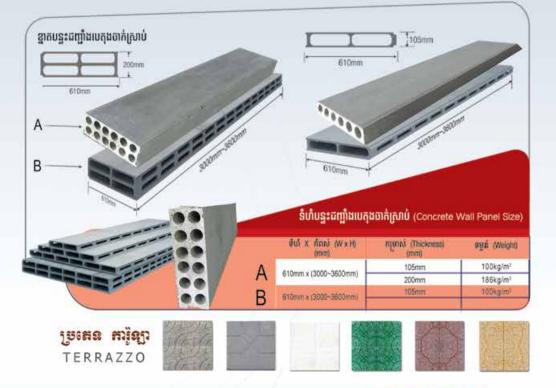
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THE DEVELOPMENT AND REGISTRATION OF A BOREY



study of the borey market in Cambodia shows that in addition to the standard development and registration of a borey done by developers, there is another way to develop an allotment project. We will see that the choice made by the developers can have financial impacts on the tax and charges of a borey and have different advantages and challenges for the owners and the State. Since the enactment of Sub-Decree No. 39 on the Management of Borey, dated 10 March 2011 ("Sub-Decree No. 39"), the development of boreys has significantly increased in Cambodia and, in particular, in Phnom Penh.

Compared with the condominium market, the acquisition of units located in a borey is normally reserved for Cambodian people, as foreigners are prohibited from owning land in Cambodia according to Article 44, paragraph 1 of the Constitution and Article 8 of the Land Law. This also corresponds to the habits of Cambodians who generally prefer to live in a borey rather than in a condominium.

We will see that, in practice, in parallel to the development and registration of a borey, we see many developments of allotments which are not governed by Sub-Decree No. 39 even if they use the commercial name of "borey". This can be explained by the fact that Sub-Decree No. 39 uses the term "public space" rather than "common areas" and by the fact that the development of boreys existed in Cambodia before the enactment of Sub-Decree No. 39.

Pursuant to Article 4 of Sub-Decree No. 39, a "borey" is defined as "a location developed as lots, residential buildings, other construction, public space and other infrastructure on a single land parcel in accordance with the officially approved overall plan of the borey."

The reference of public space is also used in Articles 8 and 9 of Sub-Decree No. 39.

The use of the term "public space" can create confusion as it generally refers to areas which are free and open to the general public and, as a consequence, owned by the State. The term "common areas" however is generally used to refer areas dedicated to the use of owners of units on the property and which are subject to undivided ownership.

However, there is no doubt that the Royal Government of Cambodia refers to common areas and not public areas when Sub-Decree No. 39 has been drafted and adopted. Indeed, Article 9 of Sub-Decree No. 39 provides that "public space, gardens, entries, common services, and a borey's fences shall be registered under undivided ownership of all owners living in the borey for the purpose of common use."

Therefore, it is clear that the roads and gardens located within a borey are considered as common areas instead of public areas.

Consequently, boreys and condominiums are similar as both include private units/lots and common areas. The difference is that a borey is a horizontal development and a condominium is a vertical development.

In this respect, the developer of a borev must register the common areas of the borev under the undivided ownership of all owners in the borev.

However, in practice, we have seen that some developers still register their borey project under the procedure in place before the enactment of Sub-Decree No. 39. They register the common areas (gardens, roads) of the borey as public areas and, as a consequence, are considered as State property.

Even if this practice is not in compliance with the provisions of Sub-Decree No. 39, this kind of development is perfectly legal and in compliance with the laws and regulations in force in Cambodia.

Indeed, a developer is free to decide the form of development it wants for its project. The developer can decide to develop a borey project or an allotment project, which is a classic real estate project. This classic real estate development is in compliance with the practice developed before the enactment of Sub-Decree No. 39.

In practice, there can be many advantages of having public areas instead of common areas and this explains why some developers and municipalities/local authorities are sometimes more favorable to this kind of development rather than a borey.

Having public areas instead of common areas can be advantageous for owners as their charges and taxes will be reduced compare to charges and taxes that they will have to pay if their properties are located within a borey.

Indeed, for example, in case of an allotment development, the owners will not pay the land tax on the public areas as they are not the owners of these areas. However, in the case of a borey, the common areas are subject to undivided ownership and the owners will have to pay the land tax on these common areas.

This will be also the same for the charges relating to the maintenance and cleaning of the public areas or common areas and for the payment of the electricity for the lighting of these areas.

Therefore, it can be beneficial for owners if these areas (gardens, roads) are considered as public areas in order to reduce the amount of charges that they will have to pay each month.

The developer will also benefit of it as it can be a selling point for units/ lots of the allotment as the charges and taxes will be lower compared to a borey project.

The municipality of Phnom Penh also has an interest in having public areas instead of common areas. Indeed, Public roads will help the municipality address issues of road traffic as the public will have new road access that they can use. The public will also be entitled to use the gardens and parks created within the borey. The municipality will be the owner of these common areas without cost as they are transferred to the State without any payment or indemnity owed by the State.

In conclusion, it is recommended before starting the construction of a borey that developers take into account the impact of their choice of development and registration and how it will affect owners and the State. The assistance of a lawyer will be very helpful in this respect.



ING Sophealeak Partner



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Charles AMAR Manager

ON THE AUTHORS

ING Sophealeak and Charles AMAR, lawyers at Bun & Associates, advise domestic and foreign clients seeking expert advice and innovative solutions in dealing with significant and complex transactions involving both raw and developed properties. Their work includes advising on all issues relating to real estate investment, project development, construction and asset management. Our real estate team has also hands-on expertise and experience in advising clients on matters related to economic land concessions, special economic zones, agriculture, the environment and mining.

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PRICES SOAR FOR LUXURY VILLAS IN COASTAL CITIES AND TOWNS

By Eric Wong Chon Lap

he limited number of new luxury villas in Sihanoukville and Koh Rong has led to the increase in price for the villas as demand is relatively strong in this niche market. Market preference has shifted towards hotel-branded products that offer the ability to generate rental income, quality management, five-star services and facilities.

2016 proved to be a good year for Sihanoukville, as the number of mainland Chinese and other Western tourists increased. Tourism in Sihanoukville and the islands has been favourable since the Sihanoukville International Airport resumed operations in 2012 and receiving 33,088 visitors in 2016. Infrastructure will be further improved with the upgrade of National Road 4 to a 190km long, 25m wide expressway which is expected to be completed in 2020 However, Chhayleang Ngoun from Ratanaka Realty believes the price of properties will not go up. "I don't think the price of residential properties will go up. There has not been any major job creation in the city which in turn does not have any effect on demand for residences."

Mature tourists come to Sihanoukville for the warm, clear waters and stretches of powdery sand. In the past, major real estate players used to be small and inexperienced developers with limited financial backing, but the future trend is that they will be replaced by large operators, which is positive for the market in terms of improvement in the quality of villas and designs.

As tourist traffic has more than doubled over the last 10 years since 2006, this has made coastline properties extremely valuable. Many developers intend to build entertainment centres as well as hotel rooms, condominium buildings, retail shops and casinos, particularly with the Chinese influence becoming noticeable with a large number of new Chinese-backed casinos and hotels.

Increasing development and rising tourist numbers in Sihanoukville brought tourism to the islands. "Most villa sales are in the entry-level segment with prices starting from USD500,000" according to Chan Mlop Sokha from Sokha Law Firm. For example, top-end villas on islands such as Koh Russev. an island in the Koh Rong archipelago 3km from Sihanoukville's Otres Beach with easy access from Sihanoukville. Despite the on-going demand in the luxury villa segment, buyers face a limited supply. However, the proportion of luxury villas priced above USD500,000 remains





limited and accounts for only a small percentage of the villa market. For example, the 48-key Alila resort hotel by City Star includes one, two and four-bedroom villas for sale. Facilities include two five-star restaurants, a beachfront spa, a kids' club, chef and butler services and a host of water sports such as snorkelling and diving.

Koh Russey is set to have a number luxury resort complex by 2020. The island is a 15-minute speedboat ride away from the Sihanoukville pier. Currently Siem Reap receives over 3 million tourists each year and many of them prefer to go to the beach. In the past, very few would choose to go the beach in Cambodia due to limited hotels and resorts available. However, this is quickly being replaced by many new developments. Major improvements are being made and this is certainly a positive thing for the real estate market in the coastal cities and towns.

In the end, price will definitely shift for villa developments in the upcoming years. I also expect that with the further growth in tourist arrivals this will have a positive effect on resort property sales ■



▲ Alila villa design for Koh Russey ▼Koh Russey master plan project



By Eric Wong Chon Lap

PRICE DIFFERENCES BETWEEN OLD AND NEW CONDOMINIUMS

verseas buyers of condominiums in Phnom Penh are surprised by the fact that prices for newly- launched projects can be so much higher than buildings that were completed three to five years ago in almost exactly the same location.

Here in Phnom Penh, it is not just location that drives price, there are other more important factors such as age, design and specification of the building and how the building has been managed and maintained.

Taking the example of De Castle Condominium located in Boeung Keng Kang 1 (BKK1) area. This was once considered the best quality condominium in Phnom Penh and achieves resale prices of over USD2,000 per square metre. Yet high-rise developments recently launched in the BKK1 area such as Platinum Bay are selling for over USD2,300 per square. On Diamond Island, the average prices for some condominium projects are priced between USD3, 000 to USD3,500 per square metre.

There are a number of reasons for the price gap between old and new buildings. One is the buyer preference for new property with so many condominium projects to choose from. Similar to the situation in Thailand, Cambodian buyers are reluctant to buy previously-occupied properties, and this is not changing. Until now, few local buyers are willing to purchase previously occupied condominium developments. In the market, only a minority of condominium units were resold by individuals after completion. In Cambodia, where the majority of buyers enter the deal during the construction period and purchasers buy off-plan, some buyers prefer to occupy the property after completion, or sell it prior to completion.

"If the price of the new condominium unit exceeds 50 percent of the old condominium unit price, I'll buy the old condominium unit. But if the price of the condominium unit is only 20 to 30 percent higher than the old condominium unit, then I'd rather buy a new condominium unit," said Chan Mlop Sokha from Sokha Law Firm.

However, Chhayleang Ngoun from Ratanaka Realty has a different view when it comes to buying an old condominium. "I'd rather not buy an old condominium although it is cheaper. The reason is simple; there will be high maintenance costs incurred in the future which I don't want to pay." Over time, it could be due to wear and tear, components in the condominium may need repairs and replacements. Knowing when certain components were last repaired or replaced, will give the tenants ideas how long they'll likely need maintenance and replacements again. Bear in mind that maintenance and repairs to the inside of the individual condominium unit are the direct responsibility of the unit owner.



In Phnom Penh, prime land prices continue to rise and set record highs with no signs of slowing down. Prime residential development sites are becoming scarcer, particularly in the areas of Boeung Keng Kang 1, Diamond Island and Wat Phnom. The increase in land price, rather than the increases in construction costs or developers' profit margins have been one of the main reasons for increases in newly-launched condominium prices.

On the other hand, there are other reasons why old buildings are less popular and achieve lower prices, particularly with shop houses. For example, design issues that deter buyers, inefficient layouts, columns in the middle of the rooms which creates insufficiency etc. Other negative factors which applies to both new building and old building, including the low ceiling heights in the units - some buildings have ceilings as low as 2.2 - 2.5 metres while most of the new luxury high-rise condominiums and shop houses have ceiling heights of 3 metres or above. For these old buildings, it must be improved sufficiently in order to compete with newer buildings. But in some cases, it is the inability of co-owners to agree to spend money on suitable

improvements.

Since the prices for new residential developments have continued to rise as land prices have risen, I believe there is little possibility that prices of new residential developments in prime areas will fall. Buildings that are well located, well designed with good entrances, common areas, unit layouts, well managed and maintained with regular improvement programs will continue to attract buyers. Buildings that do not have the above features will have limited price increases and low demand.

Nonetheless, it is possible for a building that is over 20 years old to increase in price. The attractiveness and possibility of price rises for older buildings will depend on a number of factors such as design, maintenance and specification etc. Regardless of how the price level increases, each building has a price level where the potential purchaser will see their values. It is also better to check with the surrounding buildings, with the building manager on the latest transaction.

In addition, Phnom Penh is a free market when it comes to development. The lack of planning rules and regulations has led to the current situation. The authorities should govern the type of property that can be built, the size of the property and land allocation. Cities like Hong Kong and Singapore are highly controlled property markets, where the government tries to manage property prices by controlling the supply though planning regulations and land allocation. As a result of this, building should be heavily restricted by planning regulations.

In Phnom Penh, there are more new 'high-rise' residential properties under construction than the whole metropolitan area of Bangkok in 2016, a city with over 10 million inhabitants. After restricting new supply, prices will tend to push up for the existing stock and this will encourage more refurbishments or renovation of existing properties. In this way, price differences between old and new condominium will be minimised.

In the end, the margin must be sufficiently wide to attract buyers and investors to buy into old buildings. Only when the price differences between old and new condominium developments are wide enough will buyers be encouraged to look at older buildings ■

PROPERTY INVESTMENT AS AN INCOME - PRODUCING ASSET

By Eric Wong Chon Lap

ow interest rates on saving accounts encourage investors to buy properties as an income-producing asset. In Cambodia, more and more people are buying properties to lease out. But to get the best returns, it requires detailed knowledge of the real estate market and what drives rental markets. Most Cambodian (or Asian buyers in particular) prefers to own a property rather than rent a property. For the rental market, the target customer group is expatriates. As a result, in order to achieve the best returns in income and capital growth, the property must meet expat tenant requirements.

In Phnom Penh, expats want to live in only a very limited number of areas – Boeung Keng Kang 1 to Boeung Kang 3, Toul Kork, Diamond Island, Chroy Changva and the riverside area of Sisowath Quay. Beside the above areas, there are also other submarkets around Phnom Penh. The potential is limited to find expat tenants outside of these areas.

"Cambodia is progressing in all fields and I believe the price of the properties will remain stable as compare to the prices in 2016," Chan Mlop Sokha from Sokha Law Firm said. Investors should have a basic understanding of how expats want in design, furnishings, size and what they can afford.

Unlike other major commercial hubs such as Hong Kong, Singapore and Tokyo, Phnom Penh does not have many tenants with very big budgets. Some expats are constrained by their overall budget in terms of the unit where they stay. Rental per square metre is not in their priority consideration and they prefer to have their units furnished as they do not bring their own furniture. Furthermore, they are willing to pay more for the overall quality - well-decorated units that are modern and practical with good bathrooms and kitch-



ens, rather than size. On average, expats can pay USD500 - USD1,300 per month for a one-bedroom, USD800 – USD2,000 for a two-bedroom and USD1,200 - USD3,000 for a three-bedroom apartment. There are very few people with budgets of more than USD3,000.

Currently most of the new condominiums launched on the market are one-bedroom units, reflecting expat market demand. Over 50 percent of the leasing transactions of condominium units are for the one-bedroom unit sizes and this is where the best potential for rental growth. However, with the excess future supply of one bedroom unit, the idea of buying one-bedroom unit may turn to be no longer attractive for investors.

In terms of growth yields, existing buildings offer the best rental yields. Newer buildings may offer a higher yield but the current market is experiencing a risk of oversupply. For any condominium investors after purchasing the unit, they must also take into account operating expenses such as common area management fees, interior repair charges, maintenance fees, rental agent fees and other taxes involved.

"The time is always right to invest

in a property. You just have to know what kind of property to invest in and which area is good," according to Chhayleang Ngoun from Ratanaka Realty.

In summary, the expat population in Phnom Penh will continue to grow, but new supplies in the most popular expat locations are limited. The prospects for residential investment are good. However, investors must understand the requirements of the tenants, such as where the tenants want to be, what they want and how much they can pay, in order to choose the best investment in property



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CONSTRUCTION PROJECTS BY PROJECT OWNERS

ALL Construction			
Electricite Du Cambodge (EDC)	105		
Phnom Penh Capital Administration	97		
Ministry Of Education Youth And Sport	91		
Ministry Of Interior	64		
Ministry Of Rural Development (MRD)	61		
Apsara Authority	48		
Ministry Of Public Works And Transport	41		
Battambang Province	33		
Ministry Of Water Resources And Meteorology	31		
Kandal Province	30		
Administration Department Of Koh Kong	25		
Administration Department Of Kampong Cham	21		
Mondulkiri Province	18		
Plan International Cambodia	18		
Pailin Province	18		
Phnom Penh Water Supply Authority (PPWSA)	17		
Ministry Of Economy And Finance	17		
Administration Department Of Svay Rieng	17		
Ministry Of Environment	17		
Ratanakiri Province	17		
National Election Committee	16		
Kampuchean Action For Primary Education (KAPE)	15		
Administration Department Of Takeo	15		
Ministry Of Industry And Handicraft	14		
Kampong Chhnang Province	14		
Ministry Of Labor And Vocational Training	14		
Administration Department Of Banteay Meanchey	14		
Administration Department Of Kampong Speu	13		
Administration Department Of Prey Veng	13		
Administration Department Of Stung Treng	12		

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EVENT CALENDAR | CAMBODIA 2017

September CAMBODIA INTERNATIONAL BUILDING CONSTRUCTION INDUSTRY SHOW

AMB Events is the biggest international trade shows organizer in Cambodia. The Group prides itself in delivering real benefits and results to all our exhibitors, visitors and delegates across Asia's emerging markets including Malaysia, Vietnam, Cambodia and Myanmar. AMB Event will showcase together with Cambodia Property Expo, CIVAR, CamEnergy, CamWater,...

Location : Diamond Island Exhibition Center, Phnom Penh

Organiser: AMB Events (Cambodia)



14-16

07-09 December 2017 at Diamond Island International Convention and Exhibition Center, Phnom Penh, Cambodia

December

30 Nov-2 Dec

Cambodia Constructors Association Summit & Expo 2017

or Booth Booking Please Contact Mr. Tim Vutha

Tel: 060-888 944 e-mail: tim_vutha@construction-property.com

The 6th Cambodia Constructors Association Summit & Construction Industry Expo is scheduled for 30 Nov - 2 Dec, 2017 at the Diamond Island Exhibition and Convention Center and will bring together professionals from the construction industry as well as government officials. The expo will feature some 300 booths + and showcase a wide range of materials and services from building.

This 3-day trade event is dedicated to providing a platform for business professionals to showcase their products, share, learn, network and succeed in their respective sectors. As an integral part of this annual event, the morning of Day 1 will be dedicated to the Cambodia Constructors Association (CCA) Annual Summit which is the show's organiser. Over 500 senior representatives from over 100 member companies, invited executives from other companies and high-level government officials are all expected to attend.

ORGANIZER AND SUPPORTERS

Organizer:	- Cambodia Constructors Association		
Endorsed by:	- Ministry of Land Management, Urban Planning and Construction		
	- Ministry of Commerce		
	- Ministry of Labour and Vocational training		
	- Board of Architects Cambodia		
	- Board of Engineers Cambodia		
	- ASEAN Constructors Federation - International Federation of Asian and Western Pacific Contractors' Associations		
Location : Diam	nond Island Exhibition Center Organiser : Cambodia Contractors Association		

EVENT CALENDAR IN ASIA 2017

11 - 13 July 2017

Oil and Gas Asia 2017

Location : Kuala Lumpur Convention Centre (KLCC) Organiser : Allworld Exhibitions Tel: +60 3 2333 2888 Email: info@klccconventioncentre.com www.klccconventioncentre.com

19 - 21 July 2017

Aluminium China

Shanghai New International Expo Centre Organiser : Reed Exhibitions China - Shanghai Tel: +86 (21) 2890 6666 Email: info@sniec.net www.sniec.net

19 - 22 July 2017

Archidex 2017

Location : Kuala Lumpur Convention Centre (KLCC) Organiser : C.I.S Network Sdn Bhd Tel: +60 3 2333 2888 Email: info@klccconventioncentre.com www.ecobuildsea.com/EXHIBIT

24 - 26 July 2017

CIBES (CHINA INTERNA-TIONAL BUILDING)

Location : China National Convention Center Organiser : Zhenwei Exhibition Group Tel: +86 10 8437 2008 Email: cncc@cnccchina.com www.cnccchina.com

28 - 30 July 2017

HomeDec - Johor Bahru

Location : Persada Johor International Convention Center Organiser : C.I.S Network Sdn Bhd Tel: +60 7 219 8888 Email: events@persadajohor. com www.persadajohor.com/V15/

03 - 05 Aug 2017

Builders Myanmar 2017

Location : Tatmadaw Exhibition Hall (Yangon). Organiser : Fireworks Trade Media Pte Ltd Tel: +65 6280 5871 Email: sg@asiafireworks.com www.asiafireworks.com

03 - 05 Aug 2017

LUXEHOME SHANGHAI 2017

Location : Shanghai New International Expo Centre Organiser : Reed Huabo Exhibitions Co., Ltd Tel: +86 (21) 2890 6666 Email: info@sniec.net www.sniec.net

06 - 08 Sept 2017

Expo Solar 2017

Location : Kintex - Korea International Exhibition Center Organiser : Infothe Co. Ltd. Tel: +82 (0)31. 810. 8000 Email: webmaster@kintex.com www.kintex.com

15 - 17 Sept 2017

BEX ASIA 2017

Location :Marina Bay Sands Organiser : Reed Exhibitions Singapore Tel: +65 6789 8800 Email: inquiries@marinabaysands.com www.marinabaysands.com

20 - 22 Sept 2017

BMAM Expo Asia 2017

Location : Impact Exhibition & Convention Center Organiser : Impact Exhibition Management Co., Ltd. Tel: +66 (0) 2833 4455 Email:info@impact.co.th www.impact.co.th

20 - 22 Sept 2017

Concrete Asia 2017

Location : Impact Exhibition & Convention Center Organiser : Impact Exhibition Management Co., Ltd. Tel: +66 (0) 2833 4455 Email: info@impact.co.th www.impact.co.th

20 - 22 Sept 2017

Green Building Expo Asia

Location : Impact Exhibition & Convention Center Organiser : Impact Exhibition Management Co., Ltd. Tel: +66 (0) 2833 4455 Email: info@impact.co.th www.impact.co.th



04 - 06 Oct 2017

ARCHXPO 2017

Location : Marina Bay Sands Organiser : CEMS (Conference & Exhibitions Management Services Pte Ltd) Tel: +65 6688 8868 Email:inguiries@marinabay-

sands.com www.marinabaysands.com

04 - 06 Oct 2017

LED + LIGHT ASIA 2017

Location :Marina Bay Sands Organiser : CEMS (Conference & Exhibitions Management Services Pte Ltd) Tel: +65 6688 8868 Email:inquiries@marinabaysands.com www.marinabaysands.com

24 - 27 Oct 2017

KOREA METAL WEEK 2017

Location : Kintex - Korea International Exhibition Center Organiser : Korea Trade Fairs Ltd. Tel: +82 (0)31. 810. 8000 Email: webmaster@kintex.com www.kintex.com

13 - 16 Oct 2017

Electronic Asia 2017

Location : Hong Kong Convention & Exhibition Centre Organiser : HKTDC (Hong Kong Trade Development Council) Tel: +852 2 582 8888 Email: info@hkcec.com www.hkcec.com.hk

11 - 13 Oct 2017

MTA Vietnam Hanoi

Location : I.C.E. Hanoi (Cung Van Hoa) Organiser : Singapore Exhibition Services Pte Ltd Tel: +84 (04) 574 2740 Email: vcciexpo@vnn.vn www.vcciexpo.vn/en

26 - 28 Oct 2017

Hong Kong International **Home Improvement Fair**

Location : Hong Kong International Airport Lantau Organiser : HKTDC (Hong Kong Trade Development Council) Tel: +852 3606 8888 Email: info@asiaworld-expo.com www.asiaworld-expo.com

HOMEDEC -

19 - 29 Oct 2017

KUALA LUMPUR 2017

Location : Kuala Lumpur Convention Centre (KLCC) Organiser : C.I.S Network Sdn Bhd Tel: +60 3 2333 2888 Email: info@klccconventioncentre com www.klccconventioncentre.com

01 - 03 Nov 2017

ASEANMACH 2017

Exhibition Sdn Bhd

com.mv

Tel: +603 8943 7488

Location : Kuala Lumpur

Convention Centre (KLCC)

Organiser : One International

Email: info@oneinternational.

www.oneinternational.com.my

15 - 17 Nov 2017

SHOW 2017

Exhibition Center

JAPAN HOME & BUILDING

Location : Tokyo International

Organiser : JMA (Japan

Tel: +81 (0)3 5530 1111

www.bigsight.jp/english

Management Association)

Email: convention@jma.or.jp

25 - 26 Oct 2017

CONCRETE EXPO VIETNAM 2017

Location : NECC - National Exhibition Construction Center Organiser : Fireworks Vietnam Co. l t d Tel: +84 4 3202 3838

Email: info@cantonfair.org.cn www.vietbuildafc.com.vn/en

09 - 12 Nov 2017

PhilConstruct Manila

Location : SMX Exhibition and **Convention Center** Organiser : Global-Link Tel: +63 2 5568888 Email: info@smxconventioncenter.com www.smxconventioncenter.com

22 - 24 Nov 2017

Resort - Hotel

mo

Exhibition Co., Ltd

Tel: +853 2882 8888

International Hotel Expo

Location : The Venetian Macao -

Organiser : Coastal International

Email: inquiries@venetian.com.

www.venetianmacao.com

22 - 25 Nov 2017 **METALEX THAILAND 2017**

Location : Bangkok International Trade & Exhibition Centre (BITEC) **Organiser : Reed Tradex** Company Tel: +66 (02) 749 3939 Email: info@bitec.net www.bitec.net

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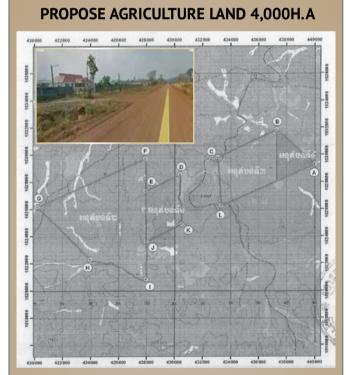
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- ទំហំផ្ទះ (House Size): 16m x 4m
- បន្ទប់គេង ៥ បន្ទប់ទឹក ៦
- ទីតាំងផ្លូវសទ្យា 371 (Along 371 Sorlar Road)
- ទីតាំងល្អសម្រាប់អាជីវកម្មខ្នាត តួច ឬហាងលក់ដូ (Good location for small business or retail.

077 566 888 / 066 611 168

SHOP HOUSE FOR SALE (ផ្ទះល្វែងលក់) \$230,000

- ទំហំផ្ទះ (House Size): 18m x 4m
- •បន្ទប់គេង ៤ បន្ទប់ទឹក ៣
- ទីតាំងក្នុងប្លុករតនាផ្លាហ្សា២ (Located in Rattana Plaza II)
- ទីតាំងលួសម្រាប់ស្នាក់នៅ និងស្នាក់ការក្រុមហ៊ុន ជិតផ្សារ សាលា (ផ្ទះកំពុ់ងជួល \$600/ខែ) 077 566 888 / 066 611 168











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Double Decor [a]:#7C, St.289, Phnom Penh [t]:(855-23) [m]:	[a]: # 118-120Eo, Mao Tse Toung (St. 245), 12310, Phnom Penh [t]:	Image: Constraint of the second sec	[w]:www.mbaengcambodia.com MEGA CAMBO CONSTRU- International Control Control Control [a]: Canacity Industry Garden, St. Veng Sreng, 12405, Phnom Penh
DP - Decor Plaza Import Export Co., Ltd. [a]: #148Eo, St.245, 12311 Phnom Penh [t]	[a]: #259 Youtapol Khemarak Phomin (St.271), corner os St.183, 12306, Phnom Penh [t]:	Khaou Chuly - MKK Co., Ltd [a]:#0117-0118, St.2004, Phnom Penh [t]:	[t]:
Duong Heng Enterprise Construction [a]: #92, St.110, 12156 Phnom Penh [m]:	PROFESSION ENGINEER PLUS. CO.,LTD(PEP) [a]: #5B St. 271, Sk. Teuk Thla, Kh. Sen Sok, Phnom Penh [t]: [t]: (855-23) [t]:	el:info@khaouchuly.com [w]:www.khaouchuly.com	MONG RETHTHY GROUPCO.,LTD. [a]:#152S, St. 41, 12301, Phnom Penh [t]:
EM Construction Import Export Co., Ltd. [a]:#85, St. 344, Phnom Penh [t]:(855-23) 969 888 [f]:(855-23) 969 666	[t] (855-23) 880 853 [r] (855-23) 850 823 [e] info@hsh.com.kh [w] www.hsh.com.kh Hari Hara Construction & Decor Group	DEVELOPMENT GROUP [a]:#217, St. 369, 12355, Phnom Penh [t]:#217, St. 369, 12355, Phnom Penh [t]:	[e]:www.mongreththy.com [w]:www.mongreththy.com
[e]:info@emc.com.kh [w]:www.emc.com.kh E.M CONSTRUCTION IMPORT EXPORT CO., LTD	[a]:#30, St. 178, 12206 Phnom Penh [t]:	Komnit Design Co., Ltd. [a]:#184, St. 217, 12306 Phnom Penh [t]:(855-23) 884 883 [f]:	[a]:#175, St. 339, 12151, Phnom Penh [t]:(855-23) 884 093 [f]:(855-23) 366 888
[a]:#85, St.344, 12160 Phnom Penh [t]:(855-23) 969 888 [f]:(855-23) 969 666 [e]:info@emc.com.kh [w]:www.emc.com.kh	Hazama Corporation [a]:#313 (Cambodiana), St. Sisowath. [t]:(855-23) 992 914 [f]:	e]:kuyleangky007@yahoo.com LILICO STEEL CO.,LTD [a]#444, Blvd:271, 12306, Phnom Penh [t]:	[e]:kh.mec@muhibbah.com.kh [w]:www.muhibbah.com
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Kh. Sen Sok, Phnom Penh [t]:	[a]: # 37ABCD, Russian Blvd, 12250, Phnom Penh [t]:	LB.L INTERNATIONAL [a]:#34, St. 3, 12207, Phnom Penh [t]:	[t]:(855-23) 221 545 [e]:y.go@triasiagroup.com [w]:www.triasiagroup.com
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Expert Plan Decor [a]:#190, St.336 & 255, Phnom Penh [t]:(855-23) 303 078 [m]:(855-12) 965 120 [e]:expertplan_decor@ymail.com	[a]: #85, Sothearos (St.3), 12301, Phnom Penh [t]:	LS Construction Pte. Ltd. [a]:#88, St. Lum, 12406 Phnom Penh [t]:(855-23) 863 333 [f]:	OVERSEAS CAMBODIA INVESTMENT CORPORATION [a]:#315 Canadia Tower (Floor-12th), 5t. 93_110, 12202, Phnom Penh
[w]:www.iknow.com.kh/epdecor G Holdings Ccompany Ltd. [a]:#12, St. 392, Phnom Penh [t]:	[a]:#125B, St.204, Phnom Penh [t]:	W:Liscambodia.com LYCHHUONG CONSTRUCTION & IMPORT EXPORT CO., LTD. [a]: #21, St. 334157, 12302 Phnom Penh	[t]:
[e]:nfo@g-holdings.com.kh [w]:www.g-holdings.com.kh GREEN LAKE CO.,LTDD [a]:#189, Road Samdech Chea Sim,	(CAMBODIA) CO.,LTD. [a]# 25 Eo, St. 466, 12301, Phnom Penh [t]:	[t]:	PERFECT DESIGN & CONSTRUCTION (PDC) ENGINEERING CO., LTD [a]:
Chres Village, 12101, Phnom Penh [t](855-78) 777 683/ 76 5555 456 [e]greenlake_11@hotmail.com	[w]:www.kanghwaenc.com KC Gecin Enterprises [a]:#500, NR 2, Phnom Penh [t]:	Ly Design Engineering (Cambodia) Ltd. [a]:#16, St. 202, 12153 Phnom Penh [m]:	[t]:
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[a]:#16, St.1954, 12101, Phnom Penh [t](855-23) 6300 081 [m]:(855-88) 8550 005 [e]:	[w]:Www.kc_gecin.com KCE - Keurt Construction Enterprise [a]:#39, St.353, Phnom Penh [m]:	[a]: #9-11, Platinum (St.), 12306, Phnom Penh [m]:	[a]:#65, St.111, 12258, Phnom Penh [t]:

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[m]:	[e]:info@sterling-cambodia.com [w]:www.sterling-cambodia.com		[f]:(855-11) 66 60 31 [e]:general_inquiry@businessmachines-supplies.com
[e]:prayut@prayut.com [w]:www.prayut.com		•••••	[w]: www.businessmachines-supplies.com
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[e]:info@northbridge.com.kh		7 F T D CO., LTD.	[f]:(855-23) 215 414 [e]:bmbsteel@hcm.vnn.vn
[w]:www.northbridge.com.kh	STS (Cambodia) Co., Ltd. [a]:#52, St. 70, 12201 Phnom Penh	[a]:#124, St. 3, 12301, Phnom Penh [t]	[w]:www.bmbsteel.com.vn
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[a]: .#195-197-201. 12160, Phnom Penh	[w]:www.stscambodia.com.kh	[w]:www.7ftd.com.kh	[a]:#33C, St.598, Phnom Penh [t]:
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[w]:www.isisteel.com.kh	[a]:#105, St. Tomnup Kopsrove, Phnom Penh	[a]: #A11-A13, St. 271, 12306, Phnom Penh	
SBK Research & Development	[t]:(855-23) 355 016 [f]:(855-23) 355 018	[m]:(855-17) 666 889 [f]:(855-23) 996 238	[a]:#139, Russian Federation Blvd, 12405
[a]:#334B, St.182, Phnom Penh [t]:(855-61) 338 888	[e]:swee_admin@online.com.kh	[e]:business@aapgroup.com.kh [w]:www.aapgroup.com.kh	[t]:(855-23) 866 628 / 866 638 [f]:
[e]: sbkresearch@online.com.kh	TAING CHENG OING CONSTRUCTION CO.,LTD	A.C.M.E - Advanced Construction	[e]:saleskobe@kobelcocambodia.com
[w]:www.sbkdevelopment.com.kh	[a]:#80, St.273, 12104, Phnom Penh	Materials & Engineering Co., Ltd	[w]:www.kobelcocambodia.com
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[a]: #PK16 NR4 Phnom Penh	[e]:chengoing@yahoo.com	[f]:	[a]: Phnom Penh Tower(21F) Preah
[t]:(855-23) 366 342 [f]:(855-23) 368 171	TCM Engineering Company Ltd.	[e]:info@acme-3rd.asia [w]:www.acme-3dr.asia	Monivong Blvd, 12258 Phnom Penh [t]:(855-23) 221 848
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[1](855-25) 424 085 [e]:sea_union@online.com.kh	[a]:Phsar Kralanh, Sk. Kork Chak, Siem Reap	[e]:@atad.vn [w]:www.atad.com.vn	[a]:#183A St. 132, 12156 Phnom Penh [m]:
SENG ENTERPRISES CO., LTD.	[m]:(855-12) 563 144 [e]:email@trang.com.kh		[e]:info@bsi-kh.com [w]:www.bsi-kh.com
[a]:#138, St.51, 12302 Phnom Penh	[w]:www.trang.com.kh	ADVANCED TECHNICAL SUPPLIES CO., LTD [a]:# 19, St. 209, 12306, Phnom Penh	C & Yookung Co., Ltd.
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[w]:www.seng-enterprise.com	[t]:(855-23) 881 889 [f]:(855-23) 883 276	[w]:www.ats.com.kh	
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[w]:www.smart-acon.com	12302, Phnom Penh [t]:	[w]:www.adtech-solutions.com	[e]:info@camconabms.com [w]:www.camconabms.com
Sok Enterprise Co., Ltd.	[e]:info@vstrand.com [w]:www.vstrand.com	ADVANCED POWER ENERGY	Cam Roof
[a]:#19, St.118, 12204 Phnom Penh [t]:(855-23) 990 704		SOLUTIONS (CAMBODIA) CO., LTD [a]:#138, St. 511294, 12302 Phnom Penh	[a]:#5, Russie Blvd., Phnom Penh [t]:
[e]:info@sokenterprise.com [w]:www.smart-acon.com	Children Union Development Group Co., Ltd	[m]:(855-96) 831 8888 [t]:(855-23) 218 773	[f]:
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Sok Sokha Co., Ltd. [a]:#216G, NR. 6, 12100, Phnom Penh	[f]:(855-23) 994 227 [e]:sivkheang.eung@gmail.com	[w]:www.advancedpowerenergy.com	Cambodia Marble & Granite
[t]:(855-23) 991 675 [f]:(855-23) 430 157			[a]: #3A, St. Chea Sim, 12100, Phnom Penh [m]:(855-16) 878 896
[e]:info@soksokha.com	VRK Corporation Co.,Ltd	[a]:#14, St. 371, 12351 Phnom Penh [t]:	[e]:cambodiastone@gmail.com [w]:www.cambodiastone.com
SOMA CONSTRUCTION & DEVELOPMENT CO., LTD.	[a]:#55 D , St. 70 , 12201, Phnom Penh [t]:	[t]:(855-87) 511 878	
[a]:# 2C, St.120, 12209 Phnom Penh	[f]:(855-23) 966 251 [e]:info@vrkcorporation.com	[e]:info@apegroups.com [w]:www.manitowoc.com	CAMKO PILE & PLUS ENTERPRISES CO., LTD.
[t]:(855-23)227989 [f]:(855-23)227979	[w]:www.vrkcorporation.com	Asian Construction Equipment	[a]: #7Eo, St.180, 12211, Phnom Penh
[e]:info@smcd.com.kh [w]:www.smcd-construction.com.kh	W Design	[a]:#11Eo, St.150, Phnom Penh [m]:	[m]:(855-11) 208 888 [m]:(855-12) 911 414
	[a]:#363, St.128, 12155 Phnom Penh [t]:(855-23) 300 392	[m]:	[e]:prayut@prayut.com [w]:www.piling.com.kh
Space Design [a]:#354B, St.93, 12302 Phnom Penh	[e]:contact.waterdesign@gmail.com	Associated Concrete Products	
[t]:(855-23) 991 082	YUN XIANG GLOBAL	(Cambodia) Pte., Ltd.	SUPPLY CO., LTD.
[e]: spacedesign_kh@yahoo.com	[a]:#C43, St.11, Sangkat Toek Thlar,	[a]: NR4 (Km 22), Bek Chan, Angsnoul [m]:	[a]: #1001, St.14B, Phum Sleng Roluong, 12102, Phnom Penh
SPECO SPECO	[t]:	[e]:nget_navy@yahoo.com	[t]:(855-23) 885 657 [f]:(855-23) 885 657
[a]: #315 Canadia Tower (Floor-18th), St. 93⊥110, 12202, Phnom Penh	[t]:(855-96) 3986 283	Azza Decor	[e]:soumsambath@ymail.com
[t]: (855-92) 199 936 [e]:teamkhmer@gmail.com	[e]:happystep2003@yahoo.com	[a]:#40, Mongkol Lem St.228, Phnom Penh [m]:	[w]:paint.com
[w]:www.speco.co.kr	ZAMIL STEEL BUILDINGS VIETNAM CO., LTD	[e]:azza.decor@gmail.com	CBMS TRADING CO., LTD
Standard Construction & Engineering	[a]:#17, St.334, 12302, Phnom Penh [t]:(855-23) 220 140	Blue Hill Engineering Service Co., Ltd. [a]:#88, Road 338, 12308 Phnom Penh	[a]:# 447, St. 1986, P.P Thmey, Sen Sok, Phnom Penh
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[f]:(855-23) 722 007	e]:zscambodia@online.com.kh [w]:vww.zamilsteel.com.vn	[e]:owen.sunfenix@gmail.com	[e]:info@camconabms.com [w]:www.camconabms.com
[e]:yensrorn@sce.com.kh		[w]:www.midea.com.ch	

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[a]:#19D, St.271, Phnom Penh	[a]: #478, St.245
[t]:(855-23) 223 268 [f]:(855-23) 223 269	[t]: [f]:
[1]sales@ccw.com.kh	[e]:
[w]:www.fosroc.com	
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[a]:#44B, St.251, Phnom Penh	[a]:A-50/A-51, La Sie [t]:
[t]:(855-23) 883 792	[t]:
[e]:client.services@cellopinternational.com	[e]:
[w]:www.cellopinternational.com	[w]:
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[e]:chamroen.ouch@gmail.com	[f]: [e]:
Chhay Heng Supply Building Material	[w]:w
[a]:#168, St.598, Phnom Penh	Emerte als Called
[t]:(855-23) 992 677	Envotech Co., Ltd. [a]: 249-253H, NF
[t]:(855-23) 992 677 [f]:(855-23) 990 846	Box 931, Phnom F
[e]:hong.ly598@yahoo.com	[t]:
Chheav Hok Supply Steels & Transport	[m]: [e]:
[a]:#106Eo, St.245, 12310 Phnom Penh	[w]:
[t]:(855-23) 216 118 [f]:(855-23) 720 172	
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[a]:#137B, St.245, 12304 Phnom Penh [m]:(855-92) 218 060/61	[t]:
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[a]: #178, NR. 5, Sg. Russey Keo, Kh. Russey	[e]:con
Keo, Phnom Penh	[w]:
[t]:	ESCOL
[f]:(855-23) 426 076 [e]:cfc_akzo@online.com.kh	ESCORT
[w]:www.cfc-cambodia.com	[a]: # 001 Block C
COOLINK MARKETING &	Ward7, Dist. 11, Ho [m]:
TRADE CO., LTD	[e]:
[a]:#901, St. 128, 12156 Phnom Penh	[w]:
[t]:(855-12) 836 896 [t]:(855-69) 6666 22	Europe Home Déc
[e]:info@scoolfilm.com	[a]: #364Eo, St.274
[w]:www.scoolfilm.com	[t]: [f]:
CPAC (Cambodia) Co. Ltd	[e]: hokseng@e
CPAC (Cambodia) Co., Ltd. [a]:#100, National Road 2, Phnom Penh	[w]:www.eurho
[†]· (855-23) 982 017	Fulin Wooden
[m]:	[a]: #246 - 250, St. 22
[e]:cmccinfo@cementhai.co.th	[t]:
D' Furniture	[e]:fu
[a]:#36-38, Mao Tse Tong Blvd. 12305 Phnom Penh	📶 Fuxin Steel B
[p]:(855-23) 210 067 [m]:(855-17) 808 080 /85 444 444	[a]:F14 KHM Indu
[m]:(855-17) 808 080 /85 444 444 [e]:info@dfurniture.com.kh	Tropaing Tloeng, S
[w]:www.dfurniture.com.kh	khan Posenchey
· ·	[t]: [e]:kangsen@fuxi
Dat Hoa Trading (Cambodia) Co., Ltd.	[w]: www.fuxin
[a]: #426, St. 271, 12306 Phnom Penh	G Holdings Compa
[f]:	[a]:#12, St.39
[e]:info@dathoatc.com.kh	[t]:
[w]:www.dathoatc.com.cn	[f]·
DEG - Dynamic E Group Ltd. (DAB)	[e]:inf [w]:w
[a]:#18ABC, St.110, Phnom Penh,	[**]·
[t]:(855-23) 992 299	GGEAR
[e]:info@degsolution.com [w]:www.deg.com	Changer Totales
	[a]:#18A, St. 604
BE DHINIMEX CO., LTD	[m]: [e]:
[a]: #245, St. Tep Phorn, 12156, Phnom Penh	[e]:[[w]:
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[f]:	German Hardware
[e]:info@dhinimex.com [w]:www.dhinimex.com	[a]:#19[[t]:
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	[w]:www.g
dynamic ¹ DYNAMIC SCIENTIFIC CO.,LTD.	[**]
[a]# 432, MZonivong Blvd, 12301, Phnom Penh	
[a]# 432, MZonivong Blvd, 12301, Phnom Penh [m]: (855-97) 865 6618	GREEN LAK
[a] .# 432, MZonivong Blvd, 12301, Phnom Penh [m]:	GREEN LAK [a]:#189, Roa Chres Village, 121
[a]# 432, MZonivong Blvd, 12301, Phnom Penh [m]: (855-97) 865 6618	GREEN LAK

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