JULY-AUGUST 2013 | ISSUE 004

CONSTR



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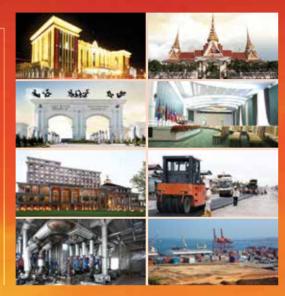
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THE GOVERNMENT AND CCA SIGN A DEAL TO BOOST THE CONSTRUCTION SECTOR



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Vilhear Sour, Khsach Kandal, Kandal Cambodia

មអេឡេឌីឌី សំត្រូមហ៊ុននី១ ភ្លួចត្រូះរាសាណាចក្រកម្ពស់ដែលមានឯកនេសភ្លួចការដល់

- 7FTD is the First Company Specializes in Manufacturing
- 起記が南部が PC & PRIC Spun piles Ewith high loading capacity
- บรินิโทยรัติ Electrical Poles (EDC & Telecom Standard)
- ជលិតជាបផ្សេងៗអំពីប៉ែតិជំ Other Concrete- Products

គុណតាពជាចំបង គឺជាការប្តេជ្ញាចិត្តរបស់ឈឹង Excellent Quality is our Commitment











ទិច្ចភាពនៅរោងចក្រក្នុងភារថាមិន (at factory View)



• Representative Office:









ទិប្តភាពនៅទីនាំ២ការប្រានសា២សង់ (at Site View)

ផលិតផលសសាគ្រឹះមូល THE PRESTRESSED SPUN PILE PRODUCTS (PC & PHC)

Type	Length	Thickness	Grade of Concrete	Allowable axial load
D300A	5-12m	60mm	60-80MPa (600-800Kgf/cm²)	60-80T
D350A	5-14m	65mm	60-80MPa (600-800Kgf/cm²)	80-100T
D400A	5-15m	80mm	60-80MPa (600-800Kgf/cm²)	100-155T
D500A	5-15m	90mm	60-80MPa (600-800Kgf/cm²)	165-230T
D600A	5-15m	100mm	60-80MPa (600-800Kgf/cm²)	230-300T

លិតផលបង្គោលក្ដើងមូល THE PRESTRESSED POLE PRODUCTS

monnion group of the theories to be the object						
Type	Length	Grade of Concrete	Loading Strength	Weight Per Pole		
Pole 7.5	7.5m	40MPa (400Kgf/cm ²)	2-3kN (F200-F300)	490-500Kg		
Pole 8.5	8.5m	40MPa (400Kgf/cm ²)	2-3kN (F200-F300)	600-625Kg		
Pole 9	9m	40MPa (400Kgf/cm ²)	2-5kN (F200-F500)	650-700Kg		
Pole 10.5	10.5m	40MPa (400Kgf/cm²)	3.2-5.2kN (F320-F520)	990-1010Kg		
Pole 12	12m	40MPa (400Kgf/cm ²)	3.5-9kN (F350-F900)	1200-1230Kg		
Pole 14	14m	40MPa (400Kgf/cm ²)	6.5-11kN (F650-F1100)	1480-1560Kg		
Pole 20	20m	40MPa (400Kgf/cm ²)	10-14kN (F1000-F1400)	2850-3200Kg		
Pole 22	22m	40MPa (400Kgf/cm²)	10-14kN (F1000-F1400)	3000-3400Kg		

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ផលិតផល Spun piles

- អាចប្រើជាមួយសេវាកម្ម -បុកបញ្ចូលសសរគ្រី៖
- -សង្កត់បញ្ចូលសសរគ្រឹ៖ -ខូងបញ្ចូលសសរគ្រឹ៖
- ការប្រើច្រាស់ Spun piles

• ផ្តល់អត្តប្រយោជន៍ខ្ពស់

- -អាចសន្សំសំចៃបានច្រើន
- -ធានាសុវត្ថិភាពខ្ពស់សំរាប់សំណង់
- -ស្តង់ដាប់ច្ចេកទេសសម័យទំនើប លើការងារវិស្វកម្ម ។
- -អាចជលិតបានគ្រប់ប្រវែង(មានក្បាល ដែកផ្សារតមិនចាំបាច់ប្រើសុង)
- -រ៉េស៊ីស្តង់បេតុងខ្ពស់រហូតដល់80MPa(800Kgf/cm²)
 -លទ្ធភាពទ្រទ្រង់សសរុគ្រី៖១ដើមរហូតដល់300 ពោន

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Message from CHAIRMAN of Cambodia Constructors Association (CCA)



As chairman of the Cambodia Constructors Association (CCA), I am honored to deliver a message to all our readers, especially those at construction-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 in the lead-up to ASEAN economic integration in 2015. These efforts will help Cambodia conform with ASEAN's overarching goal of "One Community, One Destiny."

CCA is a non-profit association 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, the association will do all it can to help transform the construction industry into one of reliability, productivity, accountability and healthy competition both in local and international markets. Moreover, CCA will seek ways to offer benefits to its members and help bring each up to international standards of quality and classification.

Lastly, on behalf of all members of the Cambodia Constructors Association, I hope and believe that construction-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 those recommended by ASEAN to help us secure a bright, prosperous future.

Thank you.

Oknha Pung Kheav Se



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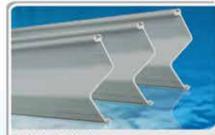
It is made using Korean technology. It has diameters ranging from Ø 150 mm to Ø



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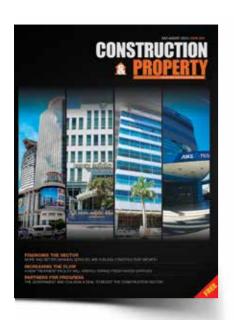
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Cover: Commercial banks in Cambodia. (from left to right: Canadia Bank, Acleda Bank, Cambodian Public Bank and ANZ Royal)

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From the **PUBLISHER**

The construction and property sectors play crucial roles in Cambodia's ongoing socioeconomic development, especially as the sectors continue to recover from the depths reached during 2009's global economic crisis.

Over these last few years, the construction and property industries have been ever more active in Cambodia's cities as well as in the country's industrial suburbs and provinces, mainly with residential projects, high-rises and new urban town projects going up to meet a growing demand.

The two sectors' healthy growth can be traced to the Kingdom's sound economy and political stability, growing market confidence and more incoming foreign investment - in the property sector but also in other fields, especially as Japanese investors become more active.

Responding to these opportunities, I am extremely delighted to publish "Construction & Property Magazine" with strong support from the Cambodia Constructors Association (CCA). Our goal is to present the Kingdom's construction and property sectors to the world.

The magazine features four main sections consisting of interesting topics, empowering messages, and useful information and data related to the two sectors. The first section looks at overall developments in construction, such as the new and on-going projects, and their impacts on the nation's economic growth. The second section highlights general information and activities related to CCA, whose goal is to promote the construction industry. The third part looks at trends in the construction and real estate sectors and predicts where both are headed. Lastly, the magazine offers a directory of various construction and property firms where readers can find service providers or even future business partners.

All in all, I strongly believe that "Construction and Property Magazine" will serve to help Cambodia's construction and property sectors flourish. Its information and insight will attract foreign investors and businesspeople as well as helping those already here remain well informed about the latest developments in this fast-growing, ever-changing and exciting field.

Sincerely Yours,

Meas Proeksa

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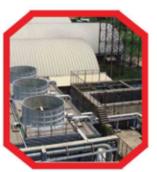




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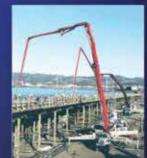
STATIONARY CONCRETE PUMPS

សម្រាប់បំពេញតម្រូវការ និងសន្ស៉ស់ចៃខ្ពស់បំផុត



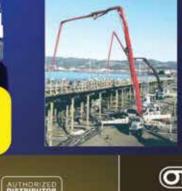


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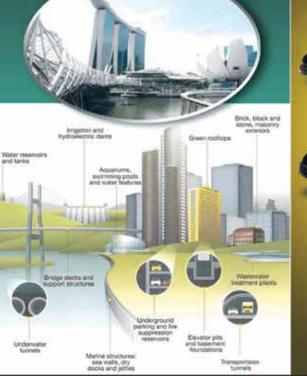






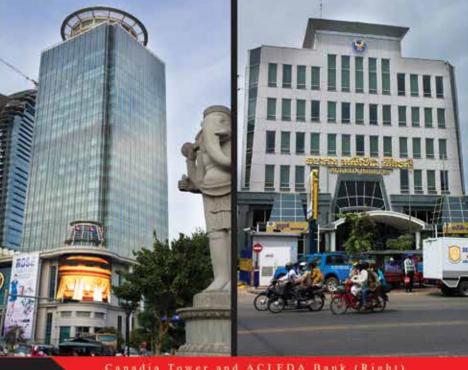


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Peace Building and Sokha Hotel Phnom Penh (Right)





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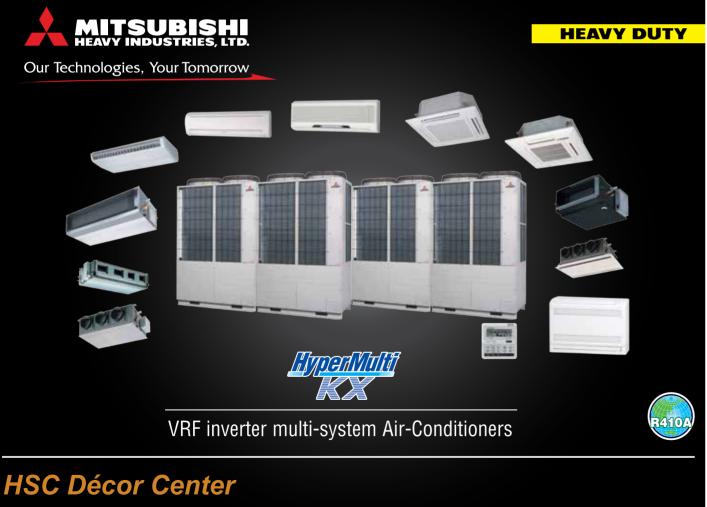
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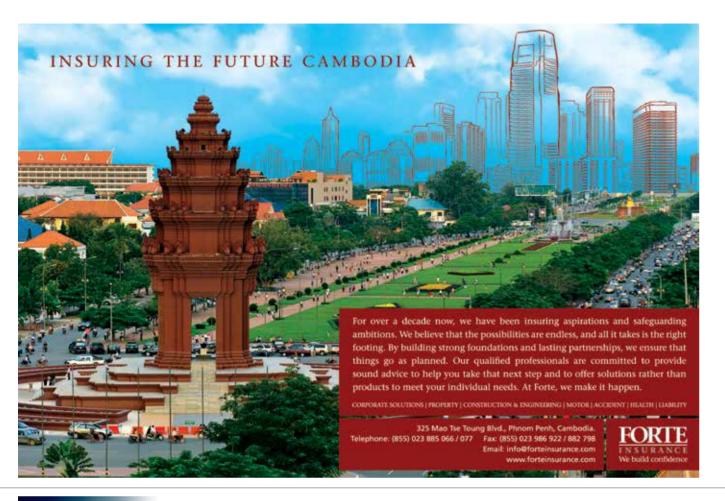
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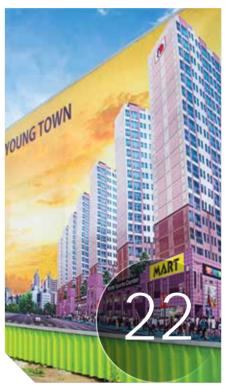




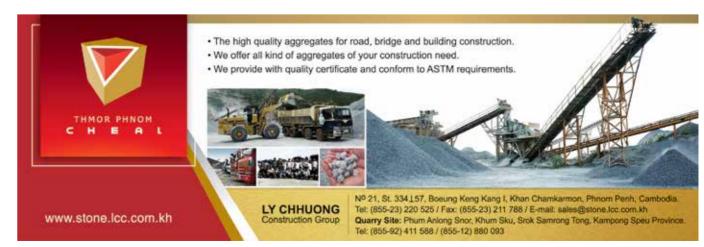
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Construction









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New Water Treatment Plant Inaugurated





n early June, Prime Minister Hun Sen inaugurated Phnom Penh's fourth water treatment facility, expected to expand clean water access in the capital and its outskirts.

The Niroth water treatment facility, located in the capital's Meanchey district, will produce more then 130,000 cubic meters of clean water per day, expanding the daily clean water supply capacity to 466,000 cubic meters.

Approximately 1.7 million city dwellers will benefit from the increased services by the end of 2013, said Minister of Industry, Mines and Energy Suy Sem.

The US\$90 million water treatment plant was made possible by loans of US\$40 million from Japan and US\$20 million from France to the state-owned Phnom Penh Water Supply Authority (PPWSA) —

the only company currently listed on the Cambodian Securities Exchange.

A first phase plant was built in August 2010 and started producing water in January 2013, said Long Naro, PPWSA deputy director, adding that right now, 50,000 cubic meters are available for use per day due to a shortage of water supply pipes. The full capacity will be reached at end of this year.

"Now PPWSA can supply a total of 380,000 cubic meters, which is not enough. But it will be when the main supply pipes are complete," he said.

After the first phase is completed, PPWSA

will kick off a second phase that will add an additional 130,000 cubic meters per day to ensure the water supply up to 2016. The expected investment for that is US\$50 million

"It will increase the capacity of the water supply to Phnom Penh, which has been rapidly growing," Prime Minister Hun Sen said. "Phnom Penh is currently home to about two million people and growing and 85 percent of them have access to clean water."

He said since 2004, the water authority's distribution pipes have helped an average of 14,000 families gain access to clean water every year.

According to PPWSA statistics, 20 percent of Phnom Penh residents had access to the city water supply in 1993. But over the last two decades, water coverage in the city has grown more than four fold.

There are more projects in the works outside Phnom Penh. Japanese ambassador to Cambodia Yuji Kumamaru has announced a US\$30 million initiative to build two water supply plants in Kampong Cham and Battambang provinces, a joint venture between Japan and the Kingdom.

By Tim Vutha

Now PPWSA can supply a total of 380,000 cubic meters, which is not enough. But it will be when the main supply pipes are complete," - Long Naro, PPWSA deputy director



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រេ១១រន្ធនស្ងងខ្លួងទីខ្លេងពុខ្លួន ខ្លែង ខ្លង់ ខ្លេង ខ្លែង ខ្លែង ខ្លែង ខ្លែង ខ្លែង ខ្លែង ខ្លែង ខ្លែង ខ្លែង ខ្លេង ខ្លែង ខ្លង់ ខ្លេង ខ្លែង ខ្លែង ខ្លែង ខ្លង់ ខ្លងំ ខ្លង់ ខេង ខ្លង់ ខ្លង់ ខ្លងំ ខេង ខ្លងំ ខ្ងងំ ខ្លងំ ខ្ងងំ ខ្លងំ ខ្លងំ ខ្លងំ ខ្លងំ ខ្លងំ ខ្លងំ ខ្ងងំ ខ្ងងំ ខ្ងងំ ខ្ងងំ ខ

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រោងចក្រផលិតទឹកស្អាតនិរោធដំណាក់ កាលទីមួយនេះត្រូវបានសាងសង់នៅខែសីហា ឆ្នាំ២០១០ និងបានចាប់ផ្ដើមដំណើរផលិតទឹក ក្នុងខែមករា ឆ្នាំ២០១៣។ នេះបើតាមលោក ទ្បុង ណារ៉ូ អគ្គនាយករងរដ្ឋាករទឹកស្វយ័តក្រុង ភ្នំពេញ ដោយបន្ថែមថាមកទល់នឹងបច្ចុប្បន្ននេះ រោងចក្រអាចបញ្ជូនទឹកស្អាតចំនួន ៥០៣ន់ ម៉ែត្រគូបប៉ុណ្ណោះសម្រាប់ការប្រើប្រាស់ក្នុងមួយ

ថ្ងៃដោយសារកង្វះបំពង់ចែកចាយទឹក។ បរិ-មាណទឹកដែលផលិតបានទាំងអស់នឹងអាច បញ្ជូនឲ្យប្រើប្រាស់បានទាំងស្រុងនៅដំណាច់ ឆ្នាំនេះ។

"បច្ចុប្បន្ននេះ រដ្ឋាករទឹកស្វយ័តក្រុងភ្នំ-ពេញអាចផ្គត់ផ្គង់ទឹកបានត្រឹម ៣៤០៣ន់ម៉ែត្រ-គូបប៉ុណ្ណោះ ដែលបរិមាណនេះមិនគ្រប់គ្រាន់ តាមតម្រូវការនោះទេ។ ប៉ុន្តែការផ្គត់ផ្គង់ទឹកនឹង គ្រប់គ្រាន់នៅពេលដែលបំពង់បញ្ជូនទឹកត្រូវ បានបញ្ចប់រួចរាល់"លោកបានថ្លែងយ៉ាងដូច្នេះ។

បន្ទាប់ពីដំណាក់កាលទីមួយនេះត្រូវបាន បញ្ចប់ រដ្ឋាករទឹកស្វយ័តក្រុងភ្នំពេញនឹងចាប់ ផ្ដើមកម្មវិធីផលិតទឹកស្អាតដំណាក់កាលទីពីរ បន្ថែមទៀត ដែលនឹងអាចផ្គត់ផ្គង់ទឹកស្អាត ចំនួន ១៣ម៉ឺនម៉ែត្រគូបបន្ថែមទៀតដើម្បីធានា ដល់ការផ្គត់ផ្គង់ទឹករហូតដល់ឆ្នាំ ២០១៦។ គម្រោងទីពីរនេះនឹងត្រូវចំណាយថវិកាវិនិយោធ ចំនួន ៥០លានដុល្លារអាមេរិកបន្ថែមទៀត។

"វានឹងបង្កើនសមត្ថភាពការផ្គត់ផ្គង់ទឹកក្នុងរាជ-ធានីភ្នំពេញដែលកំពុងមានការកើនឡើងយ៉ាង លឿន។ រាជធានីភ្នំពេញនាពេលបច្ចុប្បន្ននេះ មានប្រជាជនចំនួនប្រហែល២លាននាក់ ដែល កំពុងមានកំណើនជាបន្តបន្ទាប់ខណៈដែល៤៥ ភាគរយនៃពួកគេមានទឹកស្អាតប្រើប្រាស់។" សម្ដេចនាយករដ្ឋមន្ត្រីបានមានប្រសាសន៍យ៉ាង ដូច្នេះ។

សម្ដេចបានបន្ថែមទៀតថា តាំងពីឆ្នាំ ២០០៤មក បំពង់ចែកចាយទឹកស្អាតរបស់ រដ្ឋាករទឹកស្វយ័តក្រុងភ្នំពេញបានផ្គត់ផ្គង់ទឹក ស្អាតដល់គ្រួសារចំនួន ១៤៣ន់ជារៀងរាល់ ឆ្នាំ។

ហើយបើតាមរបាយការណ៍របស់រដ្ឋាករ-ទឹករបស់រដ្ឋមួយនេះដែរ បានបញ្ជាក់ថា មាន ប្រជាជនប្រហែល២០ភាគរយប៉ុណ្ណោះនៃរាជ-ធានីភ្នំពេញបានទទួលទឹកស្អាតប្រើប្រាស់ក្នុង ឆ្នាំ១៩៩៣ ប៉ុន្តែជាងពីរទស្សវត្សន៍ចុងក្រោយ នេះ ការផ្គត់ផ្គត់ទឹកស្អាតនៅក្នុងរាជធានីបាន កើនឡើងច្រើនជាងបួនដងរហូតដល់ជាង៨០ ភាគរយនៃប្រជាជនទាំងអស់មានទឹកស្អាត ប្រើប្រាស់។ បន្ថែមលើរោងចក្រផលិតទឹកស្អាតនិរោធ នេះដែរ ក៏មានគម្រោងផលិតទឹកស្អាតមួយ ចំនួនទៀតត្រូវបានផ្តួចផ្តើមឡើងនៅក្រៅរាជ-ធានីភ្នំពេញផងដែរ។ អគ្គរាជទូតជប៉ុនប្រចាំ ព្រះរាជាណាចក្រកម្ពុជា Yuji Kumamaru បានប្រកាសនៅផែនការផលិតទឹកស្អាតដែល មានតម្លៃ ៣០លានដុល្លារអាមេរិកមួយ ដោយ នឹងត្រូវកសាងរោងចក្រផលិតទឹកស្អាតចំនួន ពីរទៀតនៅខេត្តកំពង់ចាម និងបាត់ដំបងដែល ជាការវិនិយោគរួមរវាងរាជរដ្ឋាភិបាលកម្ពុជា និងប្រទេសជប៉ុន៕

ដោយ ទឹម វុត្ថា



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Japan Loans Cambodia US\$90 Million for Road Project

The money will widen a 47-kilometer stretch of National Road 5 and improve traffic flow on one of the Kingdom's major transportation corridors.

he road renovation project will enlarge the section of road between Battambang and Serey Sophorn cities, widening it from two lanes to four. The renovation will also see an asphalt concrete surface applied to the roadway to meet newly introduced road construction standards in Cambodia.

Prime Minister Hun Sen presided over the April 30 signing ceremony and Cambodian Foreign Minister H.E. Hor Namhong and Japan's newly appointed ambassador, H.E Juri Kumamaru, signed the agreement. Besides the addition of new lanes, the project will also see the construction of two bypasses – in Battambang and Serey

Sophorn cities – to ease congestion on the main road.

The Battambang bypass will run through Thmar Kol district, Battambang city, and Sangkae district for 23 kilometers. The 13.4-kilometer Serey Sophorn bypass will run through Mongkol Borei district and Serey Sophorn city.

The project's Japanese consultants and construction professionals will be in charge of the asphalt concrete application but will train their Cambodian counterparts in the procedure once the refurbishment is complete, according to the Japanese development agency JICA.

The project is set to launch in June 2015 and will be completed in May 2018.

Speaking at the signing ceremony, Ambassador Kumamaru said National Road 5 is an integral part of the (ASEAN) Southern Economic Corridor (this southern economic corridor covers 21 Cambodian provinces,; National Road 5 stretches over six of them) that will enhance traffic flow, stimulate economic growth and drive activity in the entire Greater Mekong Subregion. The road is a critical route in Cambodia and in the larger ASEAN road network, he said.

"Japan has put a priority on improving

the Southern Economic Corridor and is currently conducting feasibility studies of the southern and middle sections of National Road 5 with the intention of refurbishing the whole road," he added.

Since resuming bilateral relations in 1992, Japan is one of Cambodia's biggest Official Development Assistance (ODA) providers. Since 1992, it has given a total of US\$2.25 billion; annual contributions in recent years have surpassed US\$120 million.

Most of this comes through JICA, which is increasingly focusing on industrial and private sector development, Hiroshi Izaki, JICA's chief representative to Cambodia, told the Phnom Penh Post in early April. But JICA's projects cover a wide range of areas, including infrastructure improvement, agriculture and rural development, water supply and sewage systems, health care, public financial management reform, and legal and judicial reform.

"All these areas are and will remain our priorities during my assignment in Cambodia, and they are closely interlinked," the ambassador told Construction and Property Magazine.

This year marks the 60th anniversary of Japan-Cambodia relations. The Kingdom's Foreign Ministry and the Japanese embassy are hosting various events throughout the year related to this milestone •

By Tim Vutha







A South Korean conglomerate in early May broke ground on a US\$1.1 billion residential and commercial center in Phnom Penh, one of the largest housing projects in Cambodia. Officials hope it will spur further foreign investment in construction and real estate.

he Booyoung Group, South Korea's 19th-largest conglomerate and one of that country's leading house builders, will construct the largest-ever commercial and residential development in Phnom Penh, entitled Booyoung Town I, on 2.7 square kilometers of land along Russian Boulevard.

Booyoung Town I will consist of 40 apartments and seven residential and commercial complexes, sport centers and schools. In the first phase, the company will build some 17,660 apartments and commercial complexes worth US\$105 million. The residential project targets middle- to upper-class Cambodians and

foreigners.

"Our initial goal is to complete 10,000 units by the end of next year on the premise that the material supply turns out as planned," a Booyoung official told the South Korean Yon Hub News, adding that the group purchased the site at favorable conditions under the Cambodian government incentive policy that allows foreign investors to own land and to buy real estate

"I hope that the Booyoung project will succeed and become a landmark in Phnom Penh," the group chairman, Lee Joong-keun, said at a groundbreaking ceremony on May 7 that drew some 2,000 people, including Cambodian officials.

Cambodia's property market has only recently started to flourish and will grow further in the upcoming years due to the passage of the residence law and other investment-related legislation, he added. "We expect current growth to continue for the next three or four decades, which means an ongoing business opportunity for Booyoung."

H.E. Im Chhun Lim, Cambodia's Minister of Land Management, Urban Planning and Construction, said the project could become a catalyst for further foreign



investment.

"We hope that the Booyoung Group's investment will help convince Korean and other foreign investors to invest in construction and real estate here," he said.

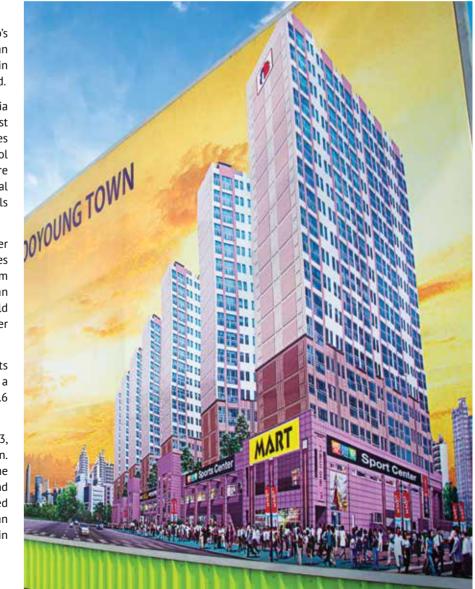
South Korean investment in Cambodia has reached US\$4 billion over the past 15 years, the minister said, and includes garment and footwear factories, alcohol and agribusiness factories, electrical wire factories, apartment buildings, commercial centers, office buildings, hotels, rice mills and hospitals.

From 2000 until the end of first quarter 2013,1,229 foreign construction companies were registered in Cambodia. Among them are 100 companies owned by Korean nationals. Of those, 34 companies still hold valid licenses, including Booyoung Khmer and Booyoung Khmer II.

There were 36 Korean-owned projects recorded between 2000 and 2012 with a total construction floor area of about 1.6 million square meters.

The Booyoung Group, established in 1983, has combined assets of US\$12.9 billion. Among its businesses in Cambodia, are the Booyoung Khmer Bank, opened in 2008, and Siem Reap's Booyoung County Club, opened in 2013. The group also runs Camintel, an internet and telecommunications firm in the Kingdom •

By Tim Vutha





A luxurious golf club, already open, and a hotel, set to launch later this year, aim to serve the Kingdom's growing numbers of upmarket travelers and discerning business professionals.

he general entertainment and accommodation landscape near Phnom Penh is getting an upgrade with the 240-acre Garden City Golf Club, which opened in April, and the five-star Garden City Hotel, which is set to welcome guests later this year. The facilities, located 15 kilometers from the Cambodian capital, are part of the Garden City mega satellite development project, built by one of Cambodia's most powerful conglomerates, LYP Group Co. Ltd.

When all is said and done, and built, the

project will be a full business, residential and entertainment complex covering over 1,000 hectares. It is located north of Phnom Penh along the new road built to connect national roads 5 and 6 to national roads 3 and 4 via the new Prek Pnouv Bridge, which stretches between the Tonle Sap and Upper Mekong rivers.

The golf course and hotel were inaugurated by Prime Minister Hun Sen in early April during the ground-breaking ceremony of the Morodok Techo National Stadium, also located inside Garden City.

The exclusive golf club and its unique layout are the fruits of the work of Thai architect Major General Weerayudth Phetbuasak. His philosophy was to create a course that was tough for professional golfers yet provided an enjoyable challenge to golfers of more modest talents. He transformed a flat field into a course that stretches over 7,300 vards and includes championship tees of an international standard. It is his first work in Cambodia.

The 18-hole course has bunkers and water hazards amid picture-perfect scenery. The occasional winds add a degree of difficulty that the developer says keeps it challenging and enjoyable for golfers. It

will be upgraded to a 36-hole course later master plan added. the year.

"Your golfing experience will be further enhanced by the presence of internationally trained marshals providing management level assistance to all golfers," said the LYP master plan.

The golf course has partnered with IMG, one of the world's leading golf course management companies.

"IMG will provide consultant services and advice on all aspect of the club's operation, including golf operation, golf course maintenance, the driving range, staff training, and sales and marketing," the

Po Eavkong, managing director of Asia Real Estate Agents, says golf courses inside new development cities usually aim to upgrade those projects to an international standard, often seen at similar projects around the globe.

"Before, developers usually built golf courses far outside the city to avoid traffic congestion, but now they try to seek land located close to the city, usually with less than 30 minutes necessary travel time to make it easier on golfers," he said.

Golfing is a sport for business friendships, Eavkong said. However, he added that demand in Cambodia is still low since it is primarily a sport for the well-off. The new course is one of eight in the kingdom so far, most of which are near Phnom Penh and Siem Reap. Several more courses are in the planning stages.

Alongside the golf course, the fivestar Garden City hotel will contain 250 rooms, ranking from deluxe to executive presidential suites. The hotel will cater to business travelers and tourists and be able to host various events and meetings-both for local groups or international ones

By Tim Vutha





Kingdom's First Cement Company Set to Relaunch

ampot province's Cambodia Cement Chakrey Ting Factory Co., Ltd. was built in 1962, producing cement for the Kingdom's building projects. However, conflict and civil war caused it to shut its doors. Now, however, it is getting a second chance and a new plant is under construction on 42 hectares. It is set to open in April 2014 or at the latest in June of that year.

Chakrey Ting will be the kingdom's largest cement producer and will be able to produce up to 3,200 tons of

cement per day, or 1.1 million tons per year. Construction is estimated to take around 23 months, and is about 21 percent complete, said company General Manager Zhang Jun.

"The first package of our cement production machinery was imported in June this year," he told a delegation of Kampot officials who visited the building site.

The factory is having a rebirth thanks to a capital investment of around US\$100 million, made up of a US\$32

million joint investment from China's Urec Overseas Investment Co. Ltd (UOIC), Thailand's LVT, and Cambodia's Cement Construction Resource Co. Ltd. along with a US\$67 million loan from the Bank of China.

The investment was finalized late last year and a signing ceremony with the Bank of China was held on the sidelines of last year's ASEAN summit hosted in Phnom Penh, witnessed by Chinese Prime Minister Wen Jiabao and Cambodian Prime Minister Hun Sen.

Zhang Jun said when the factory gets up and running, it will need over 300 workers. During the construction phase, more than 400 Cambodian workers and 253 Chinese engineers are on site.

Later this year, the company will send 60 Cambodian workers to China for skills training. "Around 95 percent of the factory's raw materials are from local sources, and we will need up to

22 megawatts of electricity when the factory is fully operational."

Kampot Governor Khouy Khunhour said the factory will be a blessing for locals. "Kampot people can find jobs near home, and that helps reduce migration for employment elsewhere."

Another cement factory in Cambodia is on the drawing board. In Kampot's Toukmeas district, Kampot Cement will start operation by 2015. A joint venture

between Thailand's Siam City Cement and the Chip Mong Group, it will be able to produce 2,800 tons per day. The plant will cater specifically to the Cambodian market, although it will consider exporting as well.

Prak Sokserey Vathana, manager of Kampot Cement, said he doesn't anticipate much competition between his factory and Chakrey Ting as the techniques and costs between the two are not very different.

Government officials could not say for sure what the local demand for cement would be. But Ouk Bunseng, deputy plant manager at Chakrey Ting, said Cambodian demand is around 3 million tons per year and right now, 2 million tons of that has to be imported from neighboring countries.

By Tim Vutha

Kampot people can find jobs near home, and that helps reduce migration for employment elsewhere." - Kampot Governor Khouy Khunhour

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Bringing Concrete Water- proofing to Cambodia

One of Cambodia's leading contractors, JIT, distributes concrete products in the Kingdom which repel damaging moisture. The company waterproofs the nation's construction industry.

ncorporated in Cambodia since 1999, JIT (Cambodia) Co. Ltd has gotten permission to distribute Kryton concrete waterproofing products, the world's most effective concrete waterproofing systems, in Cambodia.

Waterproofing products by Canada's Kryton International Inc. are used around the world. But until now, there have been no concrete waterproofing products available in Cambodia. JIT saw this as opportunity to fill a market niche and safeguard projects from the risks of highly damaging water penetration, said Khen Bora, JIT's sales manager.

"Many swimming pools have been destroyed by water leakage after construction, and even some construction projects have collapsed after water got through the concrete and weakened the framing inside," he said.

Kryton's products can be used in new or existing construction, providing water protection for mortar and concrete masonry units and construction joints. The firm also specializes in concrete restoration for existing structures, such as crack repair systems.

Its products are useful in structures such as water reservoirs and tanks, irrigation systems, hydroelectric dams, aquariums, swimming pools and other water features, bridge decks and support structures, underwater tunnels, and marine structures, including sea walls, dry docks and jetties.

According to the company, Kryton's self-sealing technology transform concrete into a waterproof barrier, which enables project managers to save weeks off of construction schedules and cut waterproofing costs by up to 40 percent. Long-term benefits include avoiding leaks, unsightly discoloration and costly repairs.

For new construction, Kryton waterproofing powder is mixed with concrete and water – two kilograms of product for every 100 kilograms of concrete. For existing structures, Kryton powder is mixed with water and applied to the surface.

Kryton can guarantee concrete waterproofing up to 25 years for new buildings, and up to 10 years for the existing structures, JIT's Khen Bora said. While a number of concrete waterproofing products are on the market, he added, they don't have Kryton's quarantee.

"Compared to other concrete waterproofing products, Krypton may be more expensive, but users will gain more benefits due to its higher quality, durability and sustainability, and no maintenance requirements," he said. "So that means using Kryton is cheaper in the long run."

In addition to its Kryton products, JIT imports and exports commercial and industrial products for various sectors. It is the sole distributor in Cambodia for brands such as Italian rubber company Alfagomma, Singaporean construction safety materials manufacturer King's, and Singaflex, another Singapore company which produces stainless steel and rubber expansion joints and hoses. JIT also handles British composite hose maker Willcox and Australia's Nexo Phoenix, a maker of hydraulic and industrial hoses.

By Tim Vutha





he seven-story building, which was inaugurated on June 13, was built by the Overseas Cambodian Investment Corporation (OCIC) and financed by the Cambodian government. The complex, which took 18 months to construct, has 40 offices for the Kingdom's different sports federations and the National Paralympics Committee.

The new NOCC headquarters is one of the largest and most modern of Olympic committee buildings in ASEAN and other Asian countries.

"The new building reflects the progress made in the development of sports sector," said Prime Minister Hun Sen, who presided over the inaugural ceremony. He added that it will not only promote the Olympic movement in the Kingdom and internationally, but also help make Phnom Penh a more beautiful city.

The Cambodian leader urged Cambodian athletes to increase their training efforts to compete in the games and bring honor to the country. He also asked citizens, companies and business people, national

and international organizations and other nations to lend a hand in successfully bringing the SEA Games to the Kingdom in 10 years.

To further promote Cambodian athletics and strengthen the country's sporting infrastructure, the government has renovated the Olympic Stadium, and is building the Morodok Techo National Sport Complex, the prime minister said.

"We will make the greatest efforts to continue constructing other stadiums in the provinces and towns because we clearly understand that sport can progress well only when the physical infrastructure is in place, coupled with the effective management and visionary leadership in the sector," he added. "We wish to see strong progress in the sports sector to help improve our prestige on the international stage. Cambodia's sporting performance had good reputation in the region and Asia in the 1960s."

The Olympic headquarters building was inaugurated just a month after the groundbreaking event for the Morodork Techo complex. That facility, on the out-

skirts of Phnom Penh, will be able to hold 100,000 spectators.

2023 will be the first time Cambodia has hosted the SEA Games since the contest launched in 1959. Phnom Penh was set to host the third gathering of regional athletes in 1963, but the unsettled political situation caused the those plans to fall through.

Although the event is still a decade away, much planning and fundraising still has to be done. "Ten years may seem a faraway thought, but we need that time to be absolutely ready on all fronts, and the work has already begun," said Vath Chamroeun, secretary-general of the National Olympic Committee.

"Allowing a margin for inflation and cost escalation over the next 10 years, we are estimating the organizational cost at US\$3 million to US\$4 million," he added. "But creating the infrastructure and developing human resources will cost us a lot more" •

By Tim Vutha

JULY ~ AUGUST 2013 | ISSUE 004 CONSTRUCTION | FOCUS

The Need for Insurance Coverage

As the construction industry in Cambodia grows, many people agree that taking out proper insurance is needed to ensure safer construction methods and sufficient quality control.

ost insurance policies on construction projects fall into two broad categories: first, there is coverage for material damage, including equipment, workers and other staff; secondly, there is third-party liability coverage, which applies to any injury to people, such as the public, not directly involved in the project.

"The contractor, his principal, the public or third party in general are all exposed to financial loss or injury; therefore, an independent professional loss adjuster normally will be appointed by the insurer to investigate and determine the extent of loss incurred, and ultimately to compensate the insured party accordingly," said Youk Chamroeunrith, general manager at Forte Insurance, explaining the importance of insurance for construction projects.

All insurers offer construction and engineering insurance services either under a Contractor's All-Risk (CAR) or Erection AllRisk (EAR) policy, depending on the nature of the project.

For buildings and civil engineering projects, a CAR policy covers the project until completion and almost always covers property damage and liability period for six to 12 months longer. An EAR policy covers machinery, plant and steel installation works. Its policy structure is similar to CAR, except for a few differences that are specific to machinery and equipment which are subject to manufacturer defects, said Chamroeunrith.

EAR coverage automatically ceases when the insured machinery or equipment stops being used in the project covered.

To insure a property after it has been built, Chamroeunrith recommends owners buy a fire or all-risk policy effective from the date of the occupancy or owner posses-

For example, if an insured building collapses while still under construction, the insurer will investigate issues related to account depreciation.

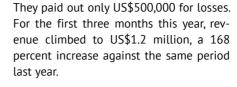
For many companies, getting insurance since some feel their safety standards are high enough without it. Ngoung Hanrith, commercial Olympia City project, said his company is considering buying insurance, dards very seriously to protect workers from accidents. While insurance might

"We have never experienced a serious accident at the projects we manage," he said. "We always put a priority on safety."

Still, more firms are choosing to buy some sort of coverage. Ty Atith, deputy director of operations at the Insurance Association of Cambodia (IAC), said the country's six general insurers saw a jump in construction insurance last year to US\$3.4 million.

material quality and workmanship or safety lapses. If problems have been found, the collapse would not be covered. Any loss will be evaluated by the adjuster and building cost engineers to determine a fair compensation value, including taking into

coverage is still not the first priority project manager of the residential and but the firm takes quality and safety stanpay, workers might have already lost their lives. In addition, while insurance coverage might help a firm avoid catastrophic financial losses, it cannot repair a company's reputation ruined through an accident.



Despite the increase, which he said showed a growing understanding of the importance of insurance, he thinks not enough policies are being taken out. "Under the Kingdom's insurance law, it is compulsory for contractors to buy third-person liability insurance, but not all projects have bought it, not to mention other types of policies," he said. "I think they don't want to spend money on insurance, so if they can avoid it, they will."

Nhan Sy, deputy director of the Ministry of Land Management's Construction Department, said now construction projects in Cambodia are only required to buy the third-person liability insurance. Any other insurance taken out is done voluntarily.

"The law only requires there be a statement at the construction site saying third-party liability insurance has been taken out before work can start," he said. "We are working on the construction law and construction insurance will be a part of it, but we don't know if we can have the law ready later this year."

In Cambodia, projects carried out by foreigners usually require insurance since in the bidding process, there are generally



government infrastructure projects also require construction insurance as since that is often a requirement of development partners, Sy said

Today, those who do take out coverage are usually involved with the government or large foreign construction or development projects. Many local projects still choose not to get coverage; they often don't understand what is involved or are afraid that the insurance firms may refuse to pay if something does happen. Often, they only take out coverage if it is a requirement before a bank will offer financing.

like the government to require all construction projects carry insurance beyond third-party liability and also lead by example by ensuring that all government projects, big or small, have coverage, including CAR/EAR policies, before work begins.

Atith of the Insurance Association of Cambodia wants the government to require proof of insurance coverage before granting a construction permit. He would like the government to monitor the insurance sector more closely to help it thrive •

By Tim Vutha





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Poor Infrastructure Hinders Phnom Penh's Construction Growth



raffic-clogged, pothole-ridden streets, a lack of parking and an ineffective waste-management system are dragging down Phnom Penh's economic potential, experts say. The construction and property sector could be particularly hurt as the city's poor infrastructure causes foreign investors to think twice before building here.

A 2011 study by the Japanese development agency JICA found that the capital's traffic volume had already begun to have a negative impact on quality of life as well as economic development.

If this situation doesn't change, the report said, "The traffic situation in Phnom Penh will soon reach a level that can hamper desired economic growth and the livelihood of citizens."

Congestion and deteriorated infrastructure

A main problem is that most roads, which already carry an amount of traffic that surpasses their capacity, cannot be widened. In addition, in many areas, especially near markets and other commercial areas, roads are constricted even more due to people parking on the street or businesses spilling out into the roadways.

In addition, as Phnom Penh continues to grow, more and more people are using the overtaxed streets. Traffic congestion has become a fact of life, especially at rush hour. In addition, the poor condition of many roads doesn't help with the traffic flow.

The city's rapid growth is reflected in the numbers. In 1998, it covered and area of 375 square kilometers. However, 12 years later, it had ballooned to 678 square kilometers. The city of roughly two million has no public transportation service and its residents get around on more than one million motorbikes and over 300,000 individually owned cars. Vehicle registrations increase by between seven and 10 percent a year.

Compounding the problem is that most buildings in the city were designed without parking facilities, meaning people have to park along heavily trafficked roads.

The traffic has already begun affecting some construction projects, including causing the delay of the new five-star Phnom Penh Sokha hotel, whose opening has been pushed from 2012 to 2014. The owners are waiting for the completion of the second Chroy Changvar Bridge until opening, worried that the existing one will not be enough for guests to get from the hotel to central Phnom Penh.

"We are waiting because we are worried about traffic jams. When we open the hotel for business and take bookings, the traffic jams mean we cannot get guests to the hotel, which is a problem." Svay Vuthy, chief corporate affairs officer of parent company Sokimex, told the Phnom Penh Post in February.

The US\$369 million Nagaworld 2 project took traffic into consideration in the planning stages. The expansion will be linked with Nagaworld 1 by a 300-meter underground tunnel so that guests won't have to maneuver above-ground streets when going from one complex to the other.

The 32-story De Castle Royal condo project, in Phnom Penh's Boeung Keng Kang I district, is set to be completed early next year. The company has reserved the first six floors for customer parking given the fact that streets are largely full. Still, the condo complex's senior sales executive, Long Sopheak, is worred.

"Traffic congestion and parking are very difficult during rush hours especially as the number of construction projects, commercial activities and vendors increases," she said.

She added that all over the city, things would have to change or Phnom Penh could find itself simply choked. "I believe that if roads are not expanded or developed better than now the future of this city will be stuck."

Waste woes

Besides the traffic, waste management is also a concern. Trash pick-up services are spotty in many areas, and piles of rubbish are often left unattended on side streets and crowded alleyways. That has an

impact on the city's physical and economic health, experts say.

As Phnom Penh's population grows and its economy expands, so does the amount of trash it generates. Currently, around 1,500 tons of waste are generated every day, an increase of more than 200 percent since 1998. By 2015, daily garbage is expected to top 1,780 tons a day while by 2020, the city will have to figure out how to dispose of 2,241 tons of trash daily, a 2012 article in Economics Today Magazine reported. Disposing of sewage is also a serious problem in Phnom Penh, especially during the rainy season. The city's old, deteriorated and insufficient drainage system is overtaxed, which results in flooded streets in many areas, even in industrial zones.

"There is no sewage system or waste water treatment plant in Phnom Penh, and [the city] relies only on natural treatment," Egami Masahiko of JICA said.

That means property developers seek higher land for their projects, hoping to keep them dry. But it's getting harder and harder to find flood-free zones.

Tackling the problem

The city of Phnom Penh admits it needs to make infrastructure improvements to keep economic developing from stalling.

In April last year, City Hall, JICA and other ministries conducted an urban transport study, one step toward a planned series of master plans which cover short-term needs (until 2016), look at the mid-term (until 2020), and forecast long-term requirements to 2035.

The overall plan mandates changes in traffic management systems, road improvements and even an underground transport system. The study is slated to wrap up in early 2014, by which time JICA hopes to have a traffic master plan in Phnom Penh. Some of the details include the introduction of a public transport system as soon as possible, more one-way streets and better parking and sidewalk use, according to JICA's Egami Masahiko.

"We cannot ignore the importance of driver education because even if good transport facilities are developed, there

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would be no value in providing them if users do not know how to use them," he added.

Also, even if JICA and the government come up with a plan, there are no guarantees that its recommendations become reality.

But there is one reality already. Phnom Penh will continue to grow as more people move here from the provinces in search of better lives. The 2020 Urban Master Plan, according to Masahiko, sees expansion to the northwest and west for middle- and low-income families, with development for middle- and high-income families generally happening in the northern and southern sections of the city.

While Cambodian architect Vann Molyvann thinks development toward the south is a good idea, along the Bassac River toward Takmao city, he is not so sure about the plan to build in the west.

"If the city develops to the south it is

better than to the west as the south is an area that is higher above the river, which is key to avoiding floods," Molyvann said at a talk last year, the Phnom Penh Post reported.

He added that estimates had the number of people living in Phnom Penh increasing to three million by 2015, which meant the city needed to tackle the infrastructure problem quickly to accommodate the influx.

Tous Saphoeun, dean of the architecture and civil engineering faculty at Paññāsāstra University, agreed that the city should be expanded to the south rather than to the west, especially given experience from previous floods, when national roads 4 and 5 were hard hit. The south was never as seriously affected.

However, he said at present investors were not thinking about possible future flood damage, but only their current business interests.

Phnom Penh is also planning on launching a public bus service late this year. (See following article.) In addition, there is talk of a tram system running by 2017.

The city has approved construction of a tunnel that will connect Monivong Blvd. to Russian Federation Blvd. near Canadia Tower and has several on-going road and bridge construction projects aimed at freeing up the traffic flow. Those who want a tunnel under the Tonle Sap River will have to wait, however. The city said more research is needed to work on the engineering aspect of such a project.

The city also says it's working on easing the waste problem. Japan has given the Kingdom US\$105 million to implement a three-phase flood protection and drainage improvement project in order to improve drainage in flood-prone areas.

A US\$26 million project which began in January 2012 should improve drainage in Ou Russey, Boeung Reang along Monyret road, Tuol Svay Prey, Tuol Sleng, Boeung Keng Kang, and northern and southern Tuol Tumpoung, all areas which suffer after heavy rains.

JICA is also working on a second master plan for sewage system and drainage improvements. Most experts said it was not too late to turn things around if the city makes real, effective efforts to strengthen its infrastructure. This is more important than ever for the growing construction and property industry, particularly in the lead-up to closer ASEAN integration, experts said •

By Tim Vutha

The traffic situation in Phnom Penh will soon reach a level that can hamper desired economic growth and the livelihood of citizens. 77 - Japanese Development Agency JICA



ខណៈដែលភ្នំពេញមានសក្តានុពលខ្លាំងសម្រាប់ការអភិវឌ្ឍន៍ រាជធានីមួយនេះក៏កំពុងប្រឈមនឹងឧបសគ្គគួរឲ្យ បារម្ភដែរនោះ គឺហេដ្ឋារចនាសម្ព័ន្ធដែលទ្រុឌទ្រោម។ ស្ថានភាពដែលអាក្រក់ជាងនេះ ជាពិសេសបញ្ហាចរាចរណ៍ កំពុងគម្រាមកំហែងវិស័យជាច្រើន ដែលរួមទាំងការអភិវឌ្ឍន៍វិស័យសំណង់ និងអចលនទ្រព្យផងដែរ។

កជំនាញបាននិយាយថា ផ្លូវជាច្រើន ដែលមានចរាចរណ៍កកស្ទះ និងក្រហុង ច្រើន កង្វះទីធ្លាចតយានយន្ត និងការ គ្រប់គ្រងកាកសំណល់គ្មានប្រសិទ្ធភាព កំពុងកាត់បន្ថយសក្កានុពលសេដ្ឋកិច្ចជាតិ។ វិសយសំណង់ និងអចលទ្រព្យអាចទទួលរង ផលប៉ះពាល់ ជាពិសេសខណៈដែលហេដ្ឋារចនាសម្ព័ន្ធអន់ថយ អាចរារាំងវិនិយោគិនបរ- ទេសនានាលើការអភិវឌ្ឍន៍សំណង់ផ្សេងៗនៅ រាជធានីភ្នំពេញមួយនេះ។

តាមរយៈការសិក្សានៅក្នុងឆ្នាំ ២០១១ ដោយទីភ្នាក់ងារអភិវឌ្ឍន៍អន្តរជាតិនៃប្រទេស ជប៉ុន (JICA) បាននិយាយថាបញ្ហាចរាចរណ៍ នៅក្នុងរាជធានីចាប់ផ្តើមបង្កផលប៉ះពាល់យ៉ាង ធ្ងន់ធ្ងររួចទៅហើយទៅលើស្ថានភាពសេដ្ឋកិច្ច និងការរស់នៅរបស់ប្រជាជននៅក្នុងទីក្រុង។ "បើសិនជាស្ថានភាពនេះមិនត្រូវបានកែប្រែទេ នោះស្ថានការណ៍ចរាចរណ៍នៅទីក្រុងភ្នំពេញ នឹងឈានដល់កម្រិតមួយដែលអាចរំខានដល់ការលុចលាស់សេដ្ឋកិច្ចជាតិ ក៏ដូចជាជីវភាព រស់នៅរបស់ពលរដ្ឋផងដែរ"។

ការសិក្សាបានបញ្ជាក់ដូច្នេះ។

ការកកស្ទះចរាចរណ៍ និងបោដ្ឋារចនាសម្ព័ន្ធទ្រុខទ្រោម

បញ្ហាចម្បងគឺ វិថីស្ទើរទាំងអស់ក្នុងក្រុង
ភ្នំពេញ ដែលកំពុងទ្រទ្រង់បរិមាណយានយន្ត
ដែលលើសពីលទ្ធភាពរបស់វារួចទៅហើយ នឹង
មិនអាចពង្រីកទំហំបន្ថែមទៀតបានទេ។ ជាង
នេះទៅទៀតនៅតំបន់ជាច្រើន ជាពិសេសនៅ
តាមតំបន់ប្រជុំជនសំខាន់ៗដូចជាទីផ្សារ និង
តំបន់អាជីវកម្មមមាញឹក ផ្លូវត្រូវបានធ្វើឲ្យរួមតូច
ថែមទៀត ដោយសារតែអ្នកដំណើរបានចត
យានយន្តរបស់គេនៅលើផ្លូវដោយគ្មានសណ្តាប់
ជ្នាប់ និងអាជីវកម្មលក់ដូវនានាបានវាតទីដល់
លើផ្លូវ។

ម្យ៉ាងវិញទៀត ខណៈដែលភ្នំពេញកំពុង ពង្រីកកាន់តែធំជាងមុន មានមនុស្សកាន់តែ ច្រើនឡើងៗកំពុងប្រើប្រាស់វិថីដែលមានភាព លំបាកស្រាប់ទៅហើយនេះ។ ការកកស្ទះចរា-ចរណ៍បានក្លាយជារឿងធម្មតាមួយនៅក្នុងសង្គម ជាពិសេសនៅកំឡុងពេលមមាញឹក ខណៈ ដែលស្ថានភាពផ្លូវជាច្រើនដែលទ្រុឌទ្រោមមិន អាចជួយសម្រួលចរន្តចរាចរណ៍បានទេ។

ការពង្រីកទីក្រុងនេះត្រូវបានបញ្ជាក់ដោយ តូលេខ។ ក្នុងឆ្នាំ១៩៩៤ ទីក្រុងនេះលាតសន្ធឹង លើផ្ទៃដី ៣៧៥គីឡូម៉ែត្រការ៉េប៉ុណ្ណោះ ប៉ុន្តែ ១ ២ ឆ្នាំក្រោយមកទីក្រុងត្រូវបានពង្រីករហូត ដល់៦៧៤គីឡូម៉ែត្រការ៉េ។ ទីក្រុងដែលមាន ប្រជាជនជាងពីរលាននាក់នេះមិនទាន់មាន សេវាជឹកជញ្ជូនសាធារណៈនោះទេដែលនាំឲ្យ ប្រជាជនទាំងឡាយត្រូវធ្វើចរាចរទៅមកផ្ទាល់ ខ្លួនដោយអាស្រ័យលើទោចក្រយានយន្តច្រើន ជាងមួយលានគ្រឿង និងរថយន្តជាង៣០០៣ន់ គ្រឿង។ ការចុះបញ្ជីយានយន្តបានកើនឡើង ពី ៧ ទៅ ១០ភាគរយក្នុងមួយឆ្នាំៗ។

អ្វីដែលអាក្រក់ជាងនេះទៅទៀតនោះគឺ អគារជាច្រើននៅក្នុងទីក្រុងត្រូវបានរចនាប្លង់ ឡើងដោយមិនមានកន្លែងចតយានយន្តដែល មានន័យថាប្រជាជនត្រូវតែចតយានយន្តនៅ លើផ្លូវដែលកំពុងមានចរាចរមមាញឹកស្រាប់ ទៅហើយ។ ស្ថានភាពដ៏អាក្រក់នៃចរាចរណ៍នេះបានប៉ះពាល់ រួចទៅហើយដល់គម្រោងសាងសង់មួយចំនួន ដែលរួមបញ្ចូលទាំងបណ្តាឲ្យសណ្នាគារលំដាប់ ថ្នាក់ផ្កាយប្រាំសុខាភ្នំពេញដែលមានទីតាំងនៅ ត្រើយម្ខាងនៅឯទន្លេចតុមុខត្រូវពន្យារពេល ដំណើរការពីឆ្នាំ២០១២ទៅឆ្នាំ២០១៤វិញ។ នេះដោយសារតែម្ចាស់សំណង់ត្រូវរង់ចាំឲ្យស្ថាន ជ្រោយចង្វារទី២សាងសង់បញ្ចប់ជាមុនសិន ដោយពួកគេមានកង្វល់ថាស្ថានដែលមានស្រាប់ តែមួយនេះនឹងមិនគ្រប់គ្រាន់សម្រាប់ការដឹក ជញ្ជូនភ្ញៀវចេញចូលសណ្ឋាគារនោះទេ។

លោក ស្វាយ វុទ្ធី នាយកកិច្ចការទំនាក់ ទំនងនៃក្រុមហ៊ុនសុគីម៉ិចដែលជាក្រុមហ៊ុនមេ គ្រប់គ្រងសណ្ឋាគារសុខានេះបានប្រាប់ភ្នំពេញ ប៉ុស្តិ៍កាលពីខែកុម្ភៈថា "យើងរង់ចាំដោយសារ តែពួកយើងបារម្ភពីការស្ទះចរាចរណ៍នៅពេល ដែលយើងបើកដំណើរការសណ្ឋាគារនេះ ហើយ ទទួលយកការកក់បន្ទប់របស់ភ្ញៀវ ហើយការស្ទះចរាចរនឹងជាបញ្ហាដែលធ្វើឲ្យយើងមិនអាច ទទួលភ្ញៀវចូលក្នុងសណ្ឋាគារបាន"។

អគារកំសាន្ត Nagaworld2 ដែលមាន តម្លៃសាងសង់ចំនួន ៣៦៩លានដុល្លាអាមេ-រិកក៍បានប្រុងប្រយ័ត្នជាមុនអំពីការស្ទះចរាចរណ៍ នេះដែរតាំងពីអគារនេះកំពុងស្ថិតនៅដំណាក់ កាលសាងសង់ម្ល៉េះ ដែលជំរុញឲ្យអគារកាស៊ី- ណូទីពីរនេះសាងសង់ផ្លូវក្រោមដីមួយខ្សែដែល លាតសន្ធឹង៣០០ម៉ែត្រត់ភ្ជាប់ទៅនឹងសណ្ឋាគារ Nagaworld 1 ដើម្បីឲ្យភ្ញៀវ និងបុគ្គលិករបស់ គេអាចធ្វើដំណើរឆ្លងកាត់រវាងអគារទាំងពីនេះ ដោយពុំចាំបាច់ឆ្លងកាត់នឹងវិថីនៅខាងលើ។

ថ្វីត្បិតតែអគារ De Castle Royal ខុនជូរ កម្ពស់៣២ជាន់ ដែលមានទីតាំងនៅតំបន់បឹង កេងកង់ទី១ ដែលនឹងបញ្ចប់ការសង់សង់នៅ ដើមឆ្នាំក្រោយនេះ បានរក្សាទុកទីធ្លាចតយាន-យន្តរបស់អតិថិជនដល់ទៅ៦ ជាន់ដោយសារ ជាការពិតវិថីនានាត្រូវបានចតយានយន្តពេញ អស់ទៅហើយ អគារមួយនេះក៏នៅមានក្តីបារម្ភ ពីបញ្ហាកកស្ទះចរាចរដែរ។ នេះបើតាមកញ្ញា ឡុងសុភ័ក្ត្រនាយកទីផ្សារជាន់ខ្ពស់របស់ខុនដូរ

"ការស្ទះចរាចរ និងការចតយានយន្តមាន ភាពច្របូកច្របល់ណាស់នៅអំឡុងពេលចរាចរ មមាញឹកខ្លាំងជាពិសេសនៅពេលដែលសកម្ម-ភាពសាងសង់ សកម្មភាពពាណិជកម្ម និងមាន អ្នកលក់ដូរអនាធិបតេយ្យនៅទីនោះច្រើនជាង មុន"។ កញ្ញាបានថ្លែងយ៉ាងដូច្នេះ។

កញ្ញាបានបន្ថែមថា មានបញ្ហាជាច្រើន គួរតែត្រូវកែប្រែនៅទូទាំងទីក្រុងនេះ បើមិន ដូច្នោះទេទីក្រុងនេះនឹងជាប់គាំងជាមិនខាន។ "ខ្ញុំជឿថាប្រសិនបើផ្លូវមិនត្រូវបានពង្រីក ឬ អភិវឌ្ឍន៍ឲ្យបានល្អជាងនេះទេទៅថ្ងៃអនាគត ទីក្រងនេះនឹងជាប់គាំងជាមិនខាន"។

ការគ្រប់គ្រងកាកសំណល់កខ្មក់

ក្រៅពីបញ្ហាចរាចរ ការគ្រប់គ្រងសំណល់ ក៏ជាបញ្ហាធ្ងន់ធ្ងរមួយផងដែរ។ សេវាកម្មប្រមូល សំរាមគឺនៅមានកម្រិត នៅតំបន់ជាច្រើនដែល បន្សល់នូវគំនរសំរាមនៅតាមសងខាងផ្លូវនានា និងនៅតាមតំបន់ទីប្រជុំជនដែលវាពិតជាប៉ះ-ពាល់យ៉ាងពិតប្រាកដទៅលើសោភ័ណភាព និងស្ថានភាពសេដ្ឋកិច្ចរបស់ទីក្រុង។ អ្នកឃ្លាំ មើលមួយចំនួនបានបញ្ជាក់យ៉ាងដូច្នេះ។

ស្របពេលដែលប្រជាជននៅក្នុងក្រុងកើន ឡើងនិងសេដ្ឋកិច្ចមានការលូតលាស់បរិមាណ សំរាមក៏កើនឡើងយ៉ាងដូច្នេះដែរ។ បច្ចុប្បន្ន នេះមានកាកសំណល់ប្រហែលជា ១,៥០០តោន ត្រូវបានបន្សល់ជារៀងរាល់ថ្ងៃដែលកើនឡើង ជាង២០០ភាគរយតាំងពីឆ្នាំ១៩៩៤មក។ នៅ ត្រឹមឆ្នាំ២០១៥ខាងមុខនេះសំរាមប្រចាំថ្ងៃត្រូវ បានរំពឹងទុកថានឹងឡើងទៅដល់ ១,៧៤០តោន ក្នុងមួយថ្ងៃខណៈនៅត្រឹមឆ្នាំ ២០២០ ទីក្រុង នេះនឹងត្រូវត្រៀមខ្លួនក្នុងការទុកដាក់សំរាម ប្រចាំថ្ងៃចំនួន២,២៤១តោន,ទស្សនាវដ្ដីសេដ្ឋកិច្ចថ្ងៃនេះបានរាយការណ៍យ៉ាងដូច្នេះកាលពី ឆ្នាំមុន។

់ ភ្នំពេញក៏រងផលប៉ះពាល់យ៉ាងខ្លាំងពីកាក ⊃

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សំណល់រាវផងដែរ ជាពិសេសនៅរដូវភ្លៀង ព្រោះថាប្រព័ន្ធលុបង្ហូរទឹកភាគច្រើនរបស់រាជ-ធានីនេះគឺចាស់ តូច និងទ្រុឌទ្រោម ដែល បណ្តាលឲ្យមានទឹកលិចនៅតំបន់សំខាន់ៗជា ច្រើន ដែលមិនលើកលែងសូម្បីតំបន់ឧស្សា-ហកម្ម។

លោក Egami Masahiko នៃអង្គការ JICA បាននិយាយថា "គ្មានប្រព័ន្ធលូទឹកកខ្វក់ ឬក៏ប្រព័ន្ធចម្រាញ់ទឹកកខ្វក់នៅភ្នំពេញនោះទេ ហើយទីក្រុងនេះពឹងផ្អែកតែលើការចម្រាញ់ទឹកកខ្វក់បែបធម្មជាតិប៉ុណ្ណោះ"។ ហើយបញ្ហានេះ ធ្វើឲ្យពិបាកដល់អ្នកអភិវឌ្ឍន៍អចលនវត្ថុ ដែល ត្រូវស្វែងរកតំបន់ដីខ្ពស់ដើម្បីស្ថាបនាគម្រោង សាងសង់រប ស់ គេនិងដើម្បីការពារទឹកលិច នៅរដូវភ្លៀងដែលការស្វែងរកដីខ្ពស់ៗគេចផុត ពីទឹកលិចកាន់តែលំបាកទៀងជាលំដាប់។

ការដោះស្រាយបញ្ហា

សាលាក្រុងភ្នំពេញទទួលស្គាល់នូវតម្រូវ
ការក្នុងការលើកកម្ពស់ហេដ្ឋារចនាសម្ព័ន្ធក្នុង
ទីក្រុងដើម្បីធានាបាននូវការអភិវឌ្ឍន៍សេដ្ឋកិច្ច
ប្រកបដោយចីរភាព។ នៅខែមេសា ឆ្នាំ
២០១២ សាលារាជធានីភ្នំពេញ អង្គការ JICA
និងក្រសួងពាក់ព័ន្ធនានា បានសិក្សាលើផែន
ការមេសម្រាប់ប្រព័ន្ធដឹកជញ្ជូនក្នុងទីក្រុងមួយ
ដែលជាជំហានមួយក្នុងការបង្កើតផែនការចរា
ចរណ៍មេមួយសម្រាប់ការប្រើប្រាស់រយៈពេល
ខ្លីត្រឹមឆ្នាំ ២០១៦ រយៈពេលមធ្យម ត្រឹមឆ្នាំ
២០២០ និងសម្រាប់ការព្យាករណ៍ដល់រយៈពេលយូវអង្កែងរហូតដល់ឆ្នាំ២០៣៥។

ផែនការនេះនឹងកំណត់ពីការផ្លាស់ប្តូរនូវ

ប្រព័ន្ធគ្រប់គ្រងចរាចរ ការអភិវឌ្ឍន៍ផ្លូវ និង
រួមទាំងប្រព័ន្ធជឹកជញ្ជូនក្រោមដីផងដែរ។ ការ
សិក្សាប្លង់មេនេះនឹងត្រូវបញ្ចប់នៅដើមឆ្នាំ២០១៤
ដែលជាពេលដែលអង្គការ JICA សង្ឃឹមថានឹង
មានប្លង់ចរាចរណ៍មេមួយសម្រាប់រាជធានីភ្នំពេញ។ ចំណុចលម្អិតផ្សេងៗទៀតដែលត្រូវ
កែតម្រូវផងដែលរួមមានការបើកដំណើរការ
ប្រព័ន្ធដឹកជញ្ជូនសាធារណៈឲ្យបានឆាប់បំផុត
ការកសាងប្រព័ន្ធផ្លូវឯកទិស ចំណតយានយន្ត
និងផ្លូវសម្រាប់ថ្មើរជើងដែលប្រសើរជាងមុន។

លោក Masato Koto អ្នកដឹកនាំគម្រោង របស់អង្គការ JICA បានលើកឡើងយ៉ាងដូច្នេះ។ លោកបានដាស់តឿនបន្ថែមទៀតថា"យេីងមិន អាចបំភ្លេចពីសារៈសំខាន់នៃការអប់រំអ្នកបើក-បរនោះទេ ពីព្រោះថាបើទោះបីជាប្រព័ន្ធដឹកជញ្ជូន មានការអភិវឌ្ឍន៍ល្អយ៉ាងណាក៏ដោយការផ្តល់់ ភាពងាយស្រួលនេះនៅតែគ្មានតម្លៃទេបើសិន ជាអ្នកប្រើប្រាស់មិនចេះប្រើប្រាស់វ៉ា"។ ប៉ុន្តែ ទោះបីជាអង្គការ JICA និង រដ្ឋាភិបាលរួមគ្នា លើកឡើងពី់គម្រោងមួយនេះ ៏ក៏មិនមានការ ធានាអះអាង ១០០ ភាគរយថា រាល់ការផ្តល់ អនុសាសន៍នានារបស់អង្គការមួយនេះនឹងត្រូវ បានអនុវត្តនោះដែរ។ ប៉ុន្តែមានការពិតមួយបាន កើតទៀងរ៉ូចទៅហើយៗ ទីក្រុងភ្នំពេញនឹងបន្ត ពង្រីកបន្ថែមទៀតដោយសារតែមានប្រជាជន ជាច្រើនបានធ្វើចំណាកស្រុកមកកាន់ទីក្រុងនេះ បន្ថែមទៀតដើម្បីស្វែងរក់ជីវិតដែលប្រសើរជាង មុនិ។ បើតាមអង្គិការរCAការអភិវឌ្ឍន៍ទីក្រុង តា់មរយៈប្លង់មេអ៊ីភិវឌ្ឍន៍ទីប្រជុំជនឆ្នាំ២០២០ គឺតម្រង់ទៅទិសពាយ់ីព្យ និងទិស្ទខាងលិច (សម្រាប់គ្រួសារដែលមានចំណូលទាប និងមធ្យម

ខណៈដែលការអភិវឌ្ឍន៍វិស័យឯកជនច្រើនតែ ទៅទិសខាងជើង និងខាងត្បូង (សម្រាប់គ្រួសារ ដែលមានចំនួលខ្ពស់និងមធ្យុំមែ)។ ខណៈដែល អតិតស្ថាបត្យករល្បីមួយរូប លោក វណ្ណ មូល្លី វណ្ណ យល់ឃើញថា ការអភិវឌ្ឍន៍ទីក្រុងដ៏ល្អ បំផុតគឺគួរតែឆ្ពោះទៅទិសខាងត្បូងតាមបណ្ដែយ ទន្លេបាសាក់ឆ្ពោះទៅទីក្រុងតាឡៃ លោកក៏មិន ្រាកដដែរអំពីិគម្រោងដែលនឹងិពង្រីកទីក្រុង ទៅកាន់ទិសខាងលិច។ "បើសិនជាទីក្រុងអភិវិទ្ឋា ទៅទិសខាងត្បូងវាល្អជាងទៅទិសខាងលិច ដោយសារតែទីសខាងត្បូងគឺជាតំបន់ខ្ពស់ជាង ទន្លេដែលជាគន្លឹះជៀសវ៉ាំងទឹកលិច"។ លោក វណ្ណ៍ មុល្លីវណ្ណ័ បាននិយាយបែបនេះកាលពី ឆ្នាំមុនដែលត្រូវបានរាយការណ៍ដោយភ្នំពេញ ប៉ុស្តិ៍។ គាត់ប៉ានព្យាករណ៍ថានៅឆ្នាំ ២០១៥ ចំនួនប្រជាជនដែលរស់នៅរាជធានីីភ្នំពេញនឹង កើនឡើងដល់់ចីលាននាក់ ដែលមានន័យថា ទីក្រុងនេះនឹងត្រូវការទំហំដីធំជាងនេះបីដងទៀត ជាមួយនឹងហេដ្ឋារចនាសម្ព័ន្ធល្អប្រសើរជាង នេះដើម្បីសម្រួលដល់ការពង្រឹកទីក្រុងបន្ថែម។

លោក ទុស សាភឿន ព្រឹទ្ធបុរសផ្នែក ស្ថាបត្យកម្ម និងវិស្វករសំណង់ស៊ីវិលនៃសកល វិទ្យាល័យបញ្ញាសាស្ត្រកម្ពុជាយល់ស្របថាភ្នំ-ពេញគួរតែត្រូវពង្រីកទៅទិសខាងត្បូងជាជាង ទៅទិសខាងលិច ជាពិសេសដោយមានបទពិ-សោធន៍នៅអំឡុងពេលទឹកលិចកាលពីលើកមុនៗ តំបន់ខាងលិចដែលផ្លូវជាតិលេខ៤ និងលេខ៥ ស្ថិតនៅត្រូវបានទឹកជន់លិចយ៉ាងខ្លាំងនៅពេល ដែលផ្នែកខាងត្បូងវិញមិនប៉ះពាល់ខ្លាំងនោះ ទេ។ ប៉ុន្តែលោកបានទទួលស្គាល់ថាបច្ចុប្បន្ន នេះវិនិយោគិនមិនបានគឺតពីលទ្ធភាពនៃការ បំផ្លាញដោយទឹកជំនន់នោះទេ ពុកគេគ្រាន់តែ គិតពីអាជីវកម្មនាពេលបច្ចុប្បន្នរបស់គេប៉ុណ្ណោះ។

ទីក្រុងភ្នំពេញក៏កំពុងធ្វើផែនការបើក ដំណើរការប្រព័ន្ធដឹកជញ្ជូនសាធារណៈនាចុង ឆ្នាំនេះដែរ។ ហើយក៏ម៉ានការពិភាក្សាដើម្បី ដំណើរការប្រព័ន្ធរថភ្លើងអគ្គិសនីនៅដើមឆ្នាំ ២០១៧ ផងដែរ។

សាលាក្រុងបានសម្រេចសាងសង់ផ្លូវ ក្រោមដីមួយដែលតភ្ជាប់ពីមហាវិថីព្រះមុន្នីវង្ស ទៅមហាវិថីសហព័ន្ធរុស្ស៊ីស្ថិតនៅជិតធនាគារ កាណាឌីយ៉ា ខណៈដែលមានគម្រោងសាងសង់ ផ្លូវនិងស្ថានជាច្រើនកំពុងតែដំណើរការនៅក្នុង ទីក្រុងដើម្បីជួយសម្រួលការកកស្ទះចរាចរ។ ប៉ុន្តែសាលាក្រុងបានគូសបញ្ជាក់ថាវាត្រូវការ រយៈពេលពិចារណាវែងលើបញ្ហាវិស្វកម្មសម្រាប់ ផ្លូវរូងក្រោមទឹកទន្លេសាបដោយសារតែមាន តមៃថៃ។

សាលាក្រុងភ្នំពេញក៏មានផែនការក្នុងការ ធ្វើឲ្យប្រសើរឡើងនូវការគ្រប់គ្រងកាកសំណល់ កខ្វក់ក្នុងទីក្រុងផងដែរ។ រហូតមកដល់ពេល នេះប្រទេសជប៉ុនបានផ្តល់ទឹកប្រាក់សរុបចំនួន ១០៥លានដុល្លារអាមេរិកមកឲ្យកម្ពុជាដើម្បី អនុវត្តន៍គម្រោងការពារទឹកជំនន់និងការលើក កម្ពស់ប្រព័ន្ធបង្ហូរទឹកចំនួនបីដំណាក់កាលដើម្បី កែលម្អប្រព័ន្ធបង្ហូរទឹកចំនួនបីដំណាក់កាលដើម្បី កែលម្អប្រព័ន្ធបង្ហូរទឹកនៅតំបន់ដែលលិចទឹក ជាប្រចាំក្នុងរាជធានីភ្នំពេញ។

គម្រោងដំណាក់កាលទីបី ដែលមានតម្លៃ ៤៦លានដុល្លារអាមេរិក ចាប់ផ្ដើមដំណើរការ ពី ខែមករា ឆ្នាំ២០១២ និងបញ្ចប់នៅខែតុលា ឆ្នាំ ២០១៥ ត្រូវបានរំពឹងទុកថានឹងកែលម្អ ប្រព័ន្ធបង្ហូរទឹកនៅតាមតំបន់ដូចជា អូរឫស្សី
បឹងរាំងនៅតាមបណ្ដោយផ្លូវមុន្នីរ៉េត ទូលស្វាយព្រៃទូលស្លែងបឹងកេងកង់ទូលទំពុងខាងជើង
និងទូលទំពុងខាងត្បូងដែលសុទ្ធសឹងជាតំបន់
ដីទាបដែលជាធម្មតារងគ្រោះដោយទឹកលិច
បន្ទាប់ពីភ្លៀងធ្លាក់ខ្លាំង។

អង្គការ JICA ក៏កំពុងដំណើរការប្លង់មេ ទីពីរសំរាប់ការកែលម្អប្រព័ន្ធលូទឹកស្គួយ និង ប្រព័ន្ធលូបង្ហូរទឹកនៅភ្នំពេញនៅដើមឆ្នាំ២០១៣ នេះដែរ។

អ្នកជំនាញភាគច្រើនជឿថាវាមិនទាន់ យឺតពេលទេបើរាជធានីបន្តលើកកម្ពស់ការ គ្រប់គ្រង និងការអភិវឌ្ឍន៍ហេដ្ឋារចនាសម្ព័ន្ធ របស់ខ្លួនពីពេលនេះទៅដើម្បីទ្រទ្រង់ការរីក លូតល៉ាស់នៃឧស្សាហកម្មសំណង់ និងអចល-នទ្រព្យនៅពេលដែលការធ្វើសមាហរណកម្ម អាស៊ានកំពុងខិតចូលមកដល់៕

ដោយ ទឹម វុត្ថា





hoeun Chinda, 23, usually commutes with her scooter in Phnom Penh every day. But it's not all that pleasant. She spends about two to three hours maneuvering the congestion in the heat. It's a daily grind she'd like to see end.

There's potential good news on the horizon. The city of Phnom Penh is set to relaunch a bus service after a previous attempt in 2002 failed.

Chinda would love to ride comfortably on a bus instead of sweating on her scooter going to and from her office. But she wonders how reliable it will be and if she'll really be able to leave her Honda Cube at home most days.

Her uncertainly is shared by many, who like the idea of a bus commute but worry service won't be good. Indeed, a bus service faces many challenges in Phnom Penh, whose crumbling infrastructure and crowded streets will make operation difficult.

Late last year, six companies bid for a

chance to run the bus system, and earlier this year, City Hall selected two firms to do it: Global (Cambodia) Trade Development and Trans-Choice Cambodia, a South Korean firm. The hope was they would work together on the new service since they had had success in running metered taxis in the city.

But Global (Cambodia) Trade Development rejected the joint cooperation deal and insisted on working alone. A few months later, the government withdrew its offer, granting a sole contract to Trans-Choice Cambodia, which has run a fleet of 100 taxis in the city for four years. However, it has not run a bus company.

Risks remain high

Back in 2002, Phnom Penh launched a public bus system trial project with the Japanese development agency JICA. But just three months later, services stopped. Only two bus lines were in operation, which didn't reach many areas of the city. In addition, the buses were often late. But even more tellingly, the city found people

were not willing to give up their vehicles to take public transportation.

Today, the shadow of the failure continues to darken this new endeavor, and observers wonder if the new experience will be a repeat of the old.

While some roads in Phnom Penh are bigger now than 12 years ago, there are many more people living here and more vehicles on city streets, which means they are still clogged, said Ear Sokkhay, director of the Phnom Penh Transport Land Tourist Association, a city tourist bus group with 12 members and a fleet of 170 buses.

"Most roads in Phnom Penh can't be expanded. They tend to be narrow and severely congested at high traffic areas, which is the biggest obstacle for bus penetration," he said.

Punctuality is another matter. With all the congestion, the likelihood of late bus arrivals is high, which will probably keep people on the scooters and in their cars.

What's different this time?

However, Trans-Choice Cambodia's 1,000 riels (USS president, Choi Dae Yong, insists that the US\$5 million plan, which has Japanese, Korean as well as Cambodian investors, can be a success.

The plan is to have 10 bus routes serving the entire capital and nearby suburban areas. One hundred used mid-size buses, with 25 seats, are being imported from Korea for the project's beginning stages and services will run from 8 a.m. to 9 p.m. every day. After the initial stage, the company will consider using larger or smaller buses or expanding the number of lines.

"The first stage is our business analysis, than we will consider how many buses more should be added, and other things to do," said Choi.

The fare will be 1,300 riels (US\$0.32) per trip regardless of distance. A first transfer on the same day will cost 500 riels (US\$0.12), and a second one 700 riels (US\$0.20). Students, the elderly, children and the disabled will be charged

1,000 riels (US\$0.25) per trip. A magnetic card that can be pre-loaded will also be available, which passengers can swipe when boarding.

"People will ask how much the bus fare is, and if the price is cheap, they will use it," Choi said, adding that a better standard of living and more awareness of the benefits of taking the bus will help the company avoid the pitfalls of 2002.

But, he admits that traffic congestion, overcrowded streets and a profusion of unlicensed motor taxis and tuk-tuks worry him. He can't guarantee punctuality, but he said he will talk with City Hall about various options, such as changing some stoplights to ease up the traffic flow.

Masato Koto, JICA's Phnom Penh urban transport master plan project team leader, is uncertain whether the new service will succeed or fail. But he points out that people in other cities are often unhappy when a new mode of transport is first introduced. "People are basically very conservative, including me," he said.

Still, he believes the bus system is one of the most important modes of transport, not only to tackle congestion in the short term, but also as a feeder of rail transit in the future. "Therefore, the city and our team support the success of this bus operation," he said, adding that it might take up to three years for the system to catch on with residents.

And, he doesn't think people are going to give up their scooters or other vehicles, even if they take the bus. They'll keep those for weekend trips and for fun, he said.

Scooter rider Thoeun Chinda is keeping up with news of the new bus services and looks forward to the launch, although she says she has some demands before she'll use it. "It has to be well organized in terms of price and scheduling," she said. "Otherwise I'll still use my Honda Cube since with it, it's easy to go everywhere I want to • "

By Tim Vutha

CONSTRUCTION | Q & A JULY ~ AUGUST 2013 | ISSUE 004

Banks' Role in the Construction and Property **Sectors**

with the means to do so opt to move

struction, property and mortgage loans loans (about 10-15 percent or more per and who are the biggest players? What vear). Some experts point out that this rate is the combined value of these loans? Is may encourage foreign banks to operate that value growing or decreasing? What in Cambodia and offer low-interest home is the percentage growth or decrease over last year?

There is an increasing number of loans being made to the construction and housing sector. Real estate, mortgages and owner-occupied housing and construction loans contribute 3.1 percent, 5.5 percent and 7.5 percent of the total loan portfolio respectively. With a total portfolio of 23.7 trillion KHR (about US\$6 billion), this sector accounts for 3.8 trillion KHR (US\$0.96 billion). From 2011, growth has been significant albeit from a low base: real estate activities, mortgages and owner-occupied housing and construction have grown by 35.5 percent, 20.3 percent and 29.8 percent respectively.

Q2. Are more people getting home loans today than in the past? If so, why?

Yes, more people are getting home loans. There are two main reasons. One has to do with a cultural change. In Cambodia, if a new couple can't afford to buy a house then they will continue to live with their parents, which is culturally acceptable unlike in developed countries or other cultures. But today, the mindset is shifting away from the extended family model to a nuclear family model, with the couple wanting more independence from parents and other family members, thus they wants their own house or flat.

The second reason is to do with economy. With steady economic growth for more than a decade now and a striving banking sector, young couples can earn a relatively stable income to finance their own housing with a bank loan.

O3. Does the NBC set guidelines for mortgage interest rates? How much do rates differ among banks?

Cambodia has a free-market economic model. So NBC will not set any interest rate cap or floor on any financial products. We believe market mechanisms will set an optimal rate that both banks and borrowers can accept.

04. There has been criticism of the relatively high interest rates that Cambodian

O1. How many banks have provided confinancial institutions charge for housing loans. For example, Malaysia has an interest rate of around 3 percent. Is this a concern for local banks?

> The pricing of loans is how banks quantify risk. If the risk is high, the interest rate would also be high. In other words, if banks take high risks they also expect high returns. The situation in Cambodia is not the same as in Malaysia. For one, the country risks as rated by independent agencies are different and investors benchmark their investments based on those ratings. Cambodia is a relatively young economy compared to Malaysia which has had the luxury of building its economy without interruption since its independence. This is not the case for Cambodia. We only obtained complete peace in 1998, so a lot needed to be in place to gain investor confidence. Having said that, the average interest rate in the banking sector steadily declined from 13.3 percent in January 2012 to 11.6 percent in December 2012, and the rate will continue to decline further as a result of market competition, land title reform and increased investor confidence. Furthermore the existence of a credit bureau, where banks can access the repayment histories of potential borrowers, will also help banks better price their risk, which could result in lower interest rates.

> Q5. On the personal mortgage side, do you think lending will increase or stay the same in the future? What kind of guarantees are banks looking for from borrowers? Is it easier to get a mortgage now than in the past?

> Mortgage loans will continue to grow as Cambodians' spending power increases. The majority of Cambodia's population is under the age of 35, and housing is a priority among this age group. I must note this statement is based on the assumption that there will be continuous strong and stable economic growth. Banks must also strengthen their risk management to avoid overheating and they should not finance speculative projects; they should to finance productive ones. For example, financing a house that the borrower will

live in is less risky than financing a second home, as the borrower is less likely to risk having the house he/she is living in face foreclosure.

In addition, a bank might want to ask for the borrower's monthly income and whether it is a stable source of income or not. Then the bank will look at the borrower's past credit history from the Credit Bureau of Cambodia (CBC). If a borrower has borrowed from a banking institution in Cambodia (bank or MFI) before, then the bank will be able to see the repayment history. Third, a bank might also want to check whether the house the borrower is proposing to purchase has a proper title deed registered with the relevant ministries. Some property developers will not issue the hard title deed until their whole housing complex is completed. This could pose a problem for the bank because it needs proper quarantees that can be legally enforced. There might be other necessary procedures the bank would take depending on individual policies.

Q6. How about loans for property developers? Is it difficult to get a construction loan these days?

My understanding is that few banks finance developers directly. Most would finance the end users. Financing developers is not an easy task for a bank as proper risk assessment and market analysis needs to be done.

Q7. What role to banks play in ensuring that construction projects have the financial resources to be completed to avoid cases such as Gold Tower 42?

I was not aware of how Gold Tower 42 was financed; the only information available in the news was that the construction company involved faced financial difficulties during the global financial crisis. In general, when a bank embarks on a project, does that work? it is in its interest to carefully study the project and the potential of its success so that ultimately the company will repay the bank. But in this case, it was something that no one could have predicted. Even the most reputable banks in the world suffered phenomenal losses during this crisis. The construction company went bankrupt and has been unable to complete its project.



08. What about the "performance bank" this case, maybe the government needs to guarantee" to ensure constructors who are bidder applicants have enough capital to run the project if they win the bid. How

A performance bank quarantee is a quarantee that the owner of a project asks the construction company to produce to ensure that the company has enough resources to complete the project and will not run away from an unfinished project or else the bank will be financially held responsible. But in most cases when the project owner and the constructor are the same entity, then the story is different. In step in to protect customers' interests.

Q9. Besides offering home loan and investment loans to property developers, what else do banks do to help develop the nation's construction and property industry? Should they do more?

A bank's role is to finance productive projects in the economy. While helping the construction and property sector develop, banks must be careful not to overheat the industry at the expense of depositors' money and financial stability.

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Lifts in Demand as New Buildings Climb Higher

The Kingdom's lift market is flourishing, riding high on the 72 percent growth of the construction sector last year. And as new buildings are expected to keep going up, makers of lifts and escalators see a rosy future

> hese days, who wants to climb all those stairs in a multi-story building when you can step into an air-conditioned lift and zoom up to your destination high above street level. Or, you step onto a moving staircase and let the escalator take you up to the next floor in comfort.

More and more buildings in Cambodia are being outfitted with this equipment to move people vertically, and lift and escalator manufacturers are watching profits climb steadily higher.

According to Ministry of Land Management data from last year, some 340 buildings in the Kingdom stand higher than five stories and most are equipped with elevators and/or escalators. That number is set to

"Our net sales [of elevator and escalator products] grew about 50 percent last year compared to 2011, thanks to the construction recovery," said Pech Sina, financial controller of Amatak Angkor, a local elevator and escalator supplier that handles Japan's Fuji elevator brand in Cambodia. "Most of my customers are owners of apartment and hotel buildings."

Another local lift supplier, International Elevator, the exclusive distributor of German ThyssenKrupp elevators in Cambodia, also reported growth last year of between 30 to 40 percent over the year before.

"More customers now understand the benefits," said Meav Soktry, the firm's director

Comin Khmere, a subsidiary of international engineering firm Comin Asia and distributor of Finland's KONE elevators and escalators in Cambodia, reported it has sold more than 150 elevators and escalators since 2009, a healthy number.

"We have seen significant and positive changes in this industry over the past four years. While in the past, interest was more on low-end products, such as secondhand or refurbished lifts, the trend is now clearly oriented towards quality and aftersales," said Pauline Jacquet, a manager at Comin Khmere.

"There are buildings under construction everywhere in Phnom Penh. At least 75

with a space for elevators," she added.

"Our customer base is dominated by local

Cambodian customers looking for high-

There are three standards of lifts available

in Cambodia-low-end, normal and high-

end models of various types, such as

general lifts designed for people or

specialized ones for hospitals, or which

carry freight or cars. Others are designed

In Cambodia, four- to five-floor buildings

usually feature low-end models, although

when you approach 20 floors, normal

standard lifts are common. High-end

models are designed for buildings with

more then 20 floors, explained Meav

end products and services."

restaurant or hotel.

designed

not the determining factor. It depends on a customer's needs and preferences.

Fewer than 10 lift suppliers are currently operating in Cambodia; most of them are locally owned and import units from overseas suppliers. However, there are a number of unregistered suppliers and small-scale businesses which also supply lifts.

Most units are imported

from Vietnam, China and

Korea due to freight

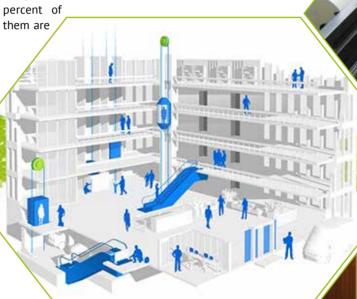
costs since several

world-class brands

have set up

that the increasing price competition is a problem, but she also pointed to a lack of regulation at the governmental level when it comes quality and safety

"This absence of standards has resulted in some very cheap players entering



manufacturing operations in those While countries. lift carbines are manufactured in Cambodia, there are no manufacturers putting together entire units here since the market is still relatively small

for home use or to carry food, such as in a Insiders don't see many difficulties on the immediate horizon for the sector. although they do note that pricing among suppliers is getting tougher as customers tend to compare lower-quality brands with higher-end ones, putting pressure on profit margins. Some say the competition on price could have an effect on quality.

Soktry. However, the building's height is Pauline Jacquet of Comin Khmere agreed

the market who are ready to comprise on quality to cut costs," she said. "But the customer needs to look beyond the nice design to look at safety and risk and understand that a lift is a piece of sensitive equipment that must be chosen carefully"

By Tim Vutha

Conventional vs Post-Tension Slabs

Among the floor construction methods used in Cambodia are conventional and post-tension slab techniques. While both have their strengths, they offer different benefits to construction and project managers.

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conventional slab is a concrete layer often combined with steel reinforcements that forms a building's floor. Post-tension slabs are also used in floor construction, but are slightly different, using cable conduits placed inside the concrete instead of bar fabricates. The cable is stretched, or tensioned, after the concrete has hardened, providing more strength and stability.

While post-tension slab construction is the world's most common floor-construction method today, it is still relatively new to Cambodia, where constructors still prefer using the conventional methods since it is what they know.

But each method has its own advantages depending on several factors: construction type, size, purpose and even the local geography. The conventional method is widely accepted for buildings with a span of under seven meters while posttension slabs are more suited for longer spans. Post-tensioned concrete can be longer while maintaining its strength or structural integrity since the cables inside help stabilize it.

instead of steel reinforcing bars, Thorng says floor vibration is not a problem if engineers have done their calculations about the slab's load-bearing capacity correctly.

High-rises and larger structures such as shopping centers, as well as buildings that need to be constructed quickly usually use post-tension slabs. The conventional method is generally used in residential construction or with smaller projects.

According to Thorng, all of Cambodia's long-span bridges as well as the Sorya Shopping Center, Canadia Tower, the Peace Palace, Mekong Condo and many other high-rise structures have opted for posttension slabs, generally for cost reasons.

"Post-tension slabs are a minimum of 17 centimeters thick while conventional slab thicknesses range from 8 to 12 centimeters," he said. "Using a post-tension slab for a small house or a flat is more expensive due to the higher cost of the thicker concrete."

Ngoun Hanrith, construction manager of the US\$250 million Olympia City, a residential and commercial center, said

technique; only those who had trained abroad had any experience with it. Thorng said that while more engineers know the method, many are still hesitant about using it.

Another issue is the calculation needed to design a stable post-tension slab. While Cambodian constructors have the ability now to build them, they are still dependent on outsiders in the design phase. All post-tension slab floors in Cambodia are designed by Thai companies who have a better understanding of the technique.

Thorng predicts that both conventional and post-tension slab techniques will continue to be used in Cambodia in the future. In high-rises and larger structures, more builders will opt for post-tension, he said, but in residential projects, the conventional method will likely still be preferred.

By Tim Vutha

66 It is half the price of conventional slab and is faster to build. 99 - Ngoun Hanrith, construction manager, Olympia City.

In addition, a post-tension slab floor can be built more quickly than its conventional counterpart, according to David Thorng, technical manager of Ly Chhuong Construction, who has experience with both approaches. "While the post-tension slab is slightly more expensive, construction is up to three times faster and therefore reduces the overall construction time, which in the end actually makes it cheaper than the conventional slab," he said. "The quality is the same."

While a post-tension slab uses cables

post-tension slabs were used throughout almost all of the project's buildings.

"It is half the price of conventional slab and is faster to build," he said. "With posttension slabs, we can build three floors per month. It's lighter as well so it's good for multi-level buildings since it reduces the overall load."

Invented in France in the first half of the 20th century, post-tension slabs first made their appearance in Cambodia at the Sorya Shopping Center, which opened in 2002. When it was built, most local engineers were still unfamiliar with the post-tension

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CONSTRUCTION | IN BRIEF

Kingdom's industrial sector thriving, needs space

f industrial units will be a key growth facto ooth imports and exports





Holding has announced that the new low-cost terminal (KLIA2) at terminal, to cater to the growing number Kuala Lumpur International Airport, the of users of low cost airlines, especially the

Malaysia Airports airport operator said it could not give a firm completion date unless contractors only 10 percent of work provide more detailed information to projremains to be completed on ect managers. The construction of the new

passengers of AirAsia, has been delayed several times. It was originally set to open in September 2011. The cost has also gone up, from RM2 billion (US\$649,350) to RM4 billion (US\$1.2 billion) •



country, just over 1 million were built to older earthquake codes and over the next This means that the new building could 10 years, the number of apartments over have additional apartments which could 40 years old is expected to quadruple. then be sold to cover construction costs,

the maximum size for their land parcels. That will create a large number of aging according to the Mainichi Shimbun news-

out or all owners will have to be satisfied with a new apartment that is up to 20 percent smaller than their existing one

Jakarta kicks off construction of **MRT** system

he construction of Jakarta's first underground rapid transit system was kicked off in June. The first six kilometers of the system are to pass through the city center and should be completed by 2017. Plans are for an eventual 110 kilometers of tracks in and around the Indonesian capital by 2020. While such a system has been under discussion since the 1990s, it never got off the ground. However, with the city's endemic traffic jams causing an estimated US\$1.8 million dollars in economic damage, the project took on new urgency. Japanese firms Shimizu-Obayashi-Jaya Konstruksi and Sumitomo-Mitsui-Hutama Karya are building the first section which runs from an affluent southern suburb to Hotel Indonesia in the heart of the city.



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Laos to break ground on Thai-Vietnam railway project

aos is set to formally launch construction of an ambitious high-speed railway linking the western border with Thailand to Vietnam in August, according to an official. A

groundbreaking ceremony for the railway will be held in Savannakhet city's Kaysone Phomvihane district. The ceremony will mark the laying of a "foundation" for the project but a date for full construction to get under has not yet been set. Malaysia's Giant Consolidated Ltd. has completed a feasibility study. The firm was awarded the contract in November to construct and operate the 220-kilometer (140-mile) railway from Savannakhet, on Laos's southwestern border with Thailand, to the Lao Bao border gate with Vietnam in the east.



THAILAND

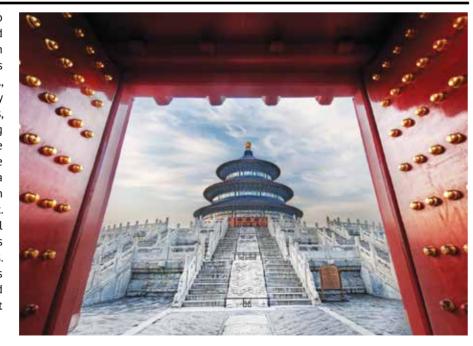
Firms gear up for mega-project bidding

hai construction firms are getting ready to bid on the government's 2-trillion-baht infrastructure project program by preparing investment budgets and lining up non-financial resources, according to The Nation. Ch Karnchang's director, Prasert Marittanaporn, said his company had decided to withdraw from a water management project worth Bt350 billion to focus all of its resources on megaprojects under the infrastructure program. Other companies are following suit, increasing registered capital and taking other steps. The infrastructure projects, part of a national strategy, include 10 electric train routes. In border provinces, transportation networks are planned with neighboring countries to promote tourism and business. The bulk of the projects will kick off late this year or during 2014, although some are already open for bidding.

CHINA

Country needs to crack-down on unapproved projects: official

eijing needs to work harder to prevent local authorities and state-owned enterprises from breaking the law by building dams and power plants without prior approval, an official with the environment ministry told Reuters. Two state-owned power firms, the Guodian Group and the Huaneng Group, have come under fire after state auditors found they had invested more than 60 billion yuan (\$9.8 billion) in a series of projects that had not been given the green light by the central government. Beijing has had problems imposing its will on growth-obsessed local governments and powerful state-owned enterprises. Wan Bentai, chief engineer with China's Ministry of Environmental Protection, said the phenomenon of "constructing without approval" is still rife.



VIFTNAN

India's Tata to build two coal-fired power plants in Vietnam

ata Power Company Ltd. has won a contract estimated at US\$1.8 billion to build two 660-megawatt coal-fired thermal power plants in southern Vietnam. The Indian firm beat out competitors from Russia and South Korea and the development bodes well for Tata's desire to become more active in Southeast Asia. The Long Phu 2 project is being billed as the largest

Indian investment in Vietnam and construction is slated to begin in 2019. It will be one of three plants at the Long Phu thermo-electricity center planned by the Vietnamese government through 2025. The first plant, Long Phu 1, being built by state-run PetroVietnam, is scheduled to start commercial operations in 2015.



TAIWA

Government announces investigation of construction delays

aiwan's Public Construction Commission (PCC) said in June it would look into delays to several major public infrastructure projects, such as the National Gym Center and the expansion of Nangang Exhibition Hall. Officials said they will investigate bidding companies, constructors and land companies to find out why the projects are behind schedule. PCC Minister Chern Jenn-Chuan stressed that a country's economic development relies heavily on the development of public infrastructure which brings in investment and creates jobs.

However, Taiwan's government spending on infrastructure still trails that of China, the US, Japan and South Korea. The cabinet has proposed a string of stimulus measures, including encouraging more private investment in public infrastructure projects •









Association

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CCA and Government Ink Deal to Boost Construction Sector

he Ministry of Land Management and the Cambodia Constructors Association (CCA) have reached a mutual agreement that aims to boost the nation's construction sector via bilateral assistance.

Signed by Land Management Minister Im Chhun Lim and CCA Chairman Oknha Pung Kheav Se on May 29, the Memorandum of Understanding (MoU) seeks to promote the kingdom's construction industry by facilitating the sharing of advice, experience and other data, such as information on

material quality, construction equipment, the labor market, etc. The MoU sets out to ensure that legal documents are correctly filed and construction materials are properly used to ensure the safety of buildings and their surroundings, overall quality, "beauty," and that they do not affect public order, for example, cutting off pedestrian pathways.

Under the agreement, the ministry and CCA will hold discussions on issues related to capacity building in the construction sector, construction-related expos, material and

geology laboratories, and other matters agreed upon by both parties.

Speaking at the signing ceremony, the minister welcomed the public-private sector partnership, saying that it would enhance the nation's booming construction industry and the nation's economy as a whole. "This cooperation reflects the close relations between the government and the private sector," he said. "It lines up with the government's policy that sees the private sector as the main economic engine of



It lines up with the government's policy that sees the private sector as the main economic engine of growth." -Minister Im Chhun Lim

Between 2000 and April 2013, the Ministry concrete factories, electrical and of Land Management registered 1,237 construction and design companies. Today, 561 companies are still in operation; 434 are Cambodian and 127 are foreign firms.

CCA was established in 2011 and joined the ASEAN Constructors Federation (ACF) in 2011. It has 30 members, including a wide variety of Cambodian and international firms related to the construction sector, such as design and building companies, construction material suppliers, insurers,

mechanical installation companies, and air conditioning service firms.

Denis Astgen, managing director of Comin Khmere, an engineering firm and CCA member, believes the MoU is an important instrument to further boost the construction sector since it lays out how the ministry plans to aid the private sector.

"Any support from the ministry is welcome," he said. "But there are many more things

that should be done when we are moving toward [ASEAN integration], such as around issues related to regulation, urban safety and safety at construction sites".

By Tim Vutha

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he Cambodia Constructors
Association (CCA) welcomed a
high-level business delegation
from Hong Kong in June for
discussions on growing economic
cooperation and trade relations between
Cambodia and the former British colony.

CCA members along with key executives from Canadia Bank, UCB, the Foreign Trade Bank, Vattanak Bank and Acleda Bank met on June 26, exchanging insights with 24 business leaders from Hong Kong. The trip was sponsored by the Hong Kong Trade Development Council (HKTDC) in collaboration with the Economic and Trade Office of the Government of Hong Kong Special Administration Region. The goal was to allow them to get first-hand information about trade and investment opportunities in Cambodia.

The delegation represented a wide range of sectors, including financial and professional services, logistics, infrastructure and real estate, and trading and manufacturing, all of which have shown interest in the Kingdom's investment potential.

During an hour-and-a-half meeting and luncheon at Canadia Tower, Pung Kheav Se,

chairman of both CCA and Canadia Bank, reported on investment opportunities and current projects. He said international investment was pouring into Cambodia, which was driving strong economic growth and accelerating development in key sectors.

Recognizing the growing economic ties between Cambodia and Hong Kong, the delegates expressed great interest in expanding cooperation further.

Charles Vann, executive vice-president of Canadia Bank, pointed out in his discussions that there is a real sense of excitement about the strong economic relationship between Hong Kong and Cambodia. "Over the years, Hong Kong has invested in Cambodia, and we are very confident that not only will investment continue, but it will also increase significantly," he said.

With a supportive business community along with policies that encourage economic development, it is no wonder that Cambodia is so attractive to investors. "Doing business in the kingdom is relatively easy," he said.

Representing the private construction industry, CCA regularly welcomes international delegates who wish to explore business and investment opportunities in the Kingdom •

By Tim Vutha





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arious issues related to the regional construction industry were discussed at the 36th ASEAN Constructors Federation (ACF) council meeting hosted in Singapore in early May this year.

Chaired by the Singapore Contractors Association Limited (SCAL) on May 3-4, the assembly welcomed two new members this year, Laos and Myanmar, after they were invited as observers of the ACF meeting in Cambodia in 2012. Nine ASEAN countries are now members, and Brunei is expected to join the grouping soon.

Members approved the minutes taken at the 35th ACF council meeting held in

Phnom Penh and hosted by the Cambodia Constructors Association (CCA) last year, including the federation's treasury report which highlights the group's expenses and income.

Meeting participants agreed to transfer the ACF council chairmanship to Thailand, and the next meeting is set for September 18-20 this year.

The ASEAN Constructors Federation (ACF) was established in 1985 and its inaugural meeting was held in Jakarta, Indonesia. Over the past 27 years ACF has held two council meetings annually.

Currently the nine constructors associations

representing private construction-related companies in ASEAN are: the Cambodia Constructors Association (CCA), the Indonesian Constructors Association (ICA), the Master Builders Association Malaysia (MBAM), the Philippine Constructors Association (PCA), the Singapore Contractors Association Limited (SCAL), the Thai Contractors Association (TCA), the Vietnam Association of Construction Contractors (VACC), and another two from Laos, whose official names were not released •

By Tim Vutha

CCA Presents Cambodian Potential to Malaysian Delegation



n late June, the Cambodia Constructors
Association (CCA) presented
Cambodia's investment opportunities
to a Malaysian trade delegation
which was in the Kingdom to explore
business opportunities and boost bilateral
trade relations.

The Malaysian External Trade Development Corporation (MATRADE) delegation attended the Cambodia-Malaysia trade expo hosted at Diamond Island where 103 Malaysian exhibitors and dozens of Cambodian companies from various sectors were represented. The Malaysian group visited several key public institutions and private enterprises to explore new business potential.

During the three-day visit, the Malaysians met with transport ministry officials about railway investment possibilities in the form of joint ventures with Cambodian counterparts. They also talked about business ideas with CCA, which represents the biggest private players in the nation's

construction and property industry.

Discussions included investments in agribusinesses, construction and banking and touched on subjects such as foreign ownership and loan eligibility, among others.

Replying to the question posed by MATRADE Chairman Mah Siew Keong regarding areas Malaysian investors should look at in Cambodia, Charles Vann, executive vice-president of Canadia Bank and acting CCA chairman, advised the Malaysians to study the agriculture sector, such as rubber and palm oil plantations, since the Cambodian climate is similar to Malaysia's and can easily support these kinds of products.

He urged Malaysian investors, who have been pouring capital into the Vietnamese property market but which is being hard hit by economic recession, to consider Cambodia's construction and property market instead, where the forecasts are still largely positive.

Welcoming the law in the Kingdom allowing foreigners to purchase real estate from the first floor up, Mah Siew Keong asked if foreigners such as Malaysians can request loans from Cambodian banks to buy property, and how much.

Charles Vann said that in the case of Canadia Bank, one of the country's leading commercial banks and which is affiliated with the Overseas Cambodian Investment Corporation (OCIC), the institution has provided housing loans to foreigners, but they depend on individual OCIC projects and range from 50 to 70 percent of the total house price.

In just less than a month ahead of Cambodia's general election, Charles Vann assured guests that "although we are preparing for the election, the economy is still strong".

By Tim Vutha

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■Vietnam

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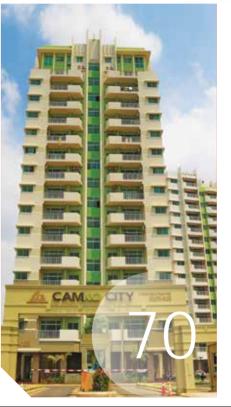


















is especially true of Cambodia's construction and property industry.

Today, besides offering traditional construction, property and mortgage loans, financial agencies are now also delivering sophisticated financial products such as performance bank guarantees for project US\$120 million in 2010 and more than bids, lower interest rates, and easier ways to access services.

Housing loans are now a priority for Cambodian banks. The number of hous-

inancial services are the lifeblood ing loans taken out by Cambodians has "As a country with young population, of any growing economy and that jumped in recent years as the economy develops and incomes as well as knowledge about financial services grow.

> According to data from the National Bank of Cambodia (NBC), the amount of housing loans made by the nation's banks has been increasing annually. Home loans reached doubled to US\$274 million in 2011. The total climbed to US\$330 million last year and in just the first two months of this year, the amount of loans was recorded at US\$344.5 million.

housing demand in Cambodia is huge," said Nguon Sokha, NBC director general, who added that the strong growth in loans reflected banks' confidence in the Kingdom's economic and political stability.

Today, there are 32 commercial banks, seven specialized banks, and 35 MFIs. including seven which take deposits, and another 32 rural credit operators. Most commercial banks offer mortgage services and construction loans.

One of them, ANZ Royal, reported that its

loan-to-valuation ratio (the ratio of the amount of a loan to the value of an asset purchased with it) is 60 percent. Its loan terms are generally ten years and interest rates vary between 9 and 9.5 percent. The majority of its residential mortgage customers are Cambodians, although the bank also offers mortgage services to eligible foreigners. ANZ Royal also works with property developers to offer financing options and advice to prospective buyers of their properties.

In line with market trends, ANZ's market share of residential mortgages in Cambodia has increased over the last six months, said CEO Grant Knuckey, who said the bank had 20 percent of the market

He said the rise of residential mortgages in Cambodia, like in many other developing markets, is driven by rising levels of affluence and urbanization. "The growth momentum for residential mortgages in Cambodia is expected to continue, as more affluent Cambodians aspire to purchase their own homes," he said.

This year, ANZ estimates it will provide US\$30 million in housing loans in Cambodia, according to ANZ Royal's mortgage chief, Joe Phelan.

The Foreign Trade Bank (FTB), a joint private/government commercial bank, also puts housing loans at the top of its priority list, although it also works closely with property developers and realtors.

"FTB has offered loans to the government on infrastructure projects and institutional buildings," said Ngoun Sarat, an FTB credit officer. "Regarding housing loans, we provide them only to Cambodian nationals for up to 60 percent of the total house price and with a term period of up to 20 years."

Acleda Bank, the kingdom's largest commercial bank, has seen a slight decrease in the amount of housing loans made this year. In first four months, housing loans reached US\$15 million, a 7 percent decline compared to the same period last year, said Nou Sotiara, the bank's vice-president and deputy head of the credit division.

Acleda's borrowers are Cambodians who are offered up to 70 percent of the total house price (but not exceeding US\$200,000). Terms are 10 years with an interest rate of 12 to 13 percent. This year, the bank estimates it will provide US\$125 million in home loans.

Canadia Bank, which is cooperated with the leading property developer Overseas Cambodian Investment Corporation (OCIC), offers two separate loans: housing loans for general customers and others for OCIC.

Canadia launched its general housing loan program just late last year, but is already recording healthy growth, said Long Chhay, the bank's housing loan director.

While most Canadia customers are Cambodians, many foreigners, especially Chinese, have taken out loans to purchase OCIC condo properties, thanks to the government policy allowing foreigners to own the property from the first floor up.

Canadia provides terms of up to 15 years for general customers. Loan policies and conditions for OCIC customers vary depending on project and location. Terms can run from seven to 20 years and cover 60 to 80 percent of total house price. Interest rates are between 10 and 11

Long Chhay said he has noticed that people are seeing the benefits of getting housing loans from banks rather than relying solely on their own money to buy property. "It is not easy to earn enough money to buy a house. If you buy property with a loan, you can sell the property more easily and buy another one, transferring the remaining loan to the new buyer."

In addition, customers who do have enough money to buy a property can use the money for setting up a business since getting a housing loan is much cheaper than a commercial loan.

Canadia bank plans to offer between US\$40 to US\$50 million in housing loans this year, excluding investment loans to developers. It also believes the demand for housing loan will increase.

Besides relying on banks' housing loan or mortgage services, property developers are also now applying smart strategies to boost home sales by allowing customers to repay over 10 to 20 years, unlike before when customers had to pay the entire price at once.

But it's not only banks that are increasingly involved in the construction industry, many MFIs are getting into this growing market.

Many property developers were able to ride out the global financial crisis and re-emerge intact thanks to the help provided by banks, particularly Canadia. Besides funding OCIC projects with billions of dollars, in February this year it loaned US\$28 million to the Korean developer of the De Castle Royal Condo project, which had been halted, so it could continue construction. The aim was to avoid another fiasco like the Gold Tower 42 project, still standing unfinished in central Phnom Penh.

Acleda has also provided a large number investment loans to property developers in the first four months of 2013, almost US\$6 million, about a 2 percent increase over the same period last year.

To get a loan from the bank, property developers need to submit a business registration, financial statements, guarantee documents and a business plan. "The bank also demands from clients a strong financial position and cash flow," said Nou Sotiara of Acleda.

Despite the sector's healthy growth, there are some areas of concern, according to experts. Philip Dews, a CPA in Cambodia, said local banks are in many cases land developers themselves or partnered with developers. Sometimes, the interests of the bank and the developer are blurred.

Banks are also involved heavily in construction bidding through their performance bank guarantee services. This is a legal document that an owner of a project requests a construction company produce under the bank's supervision to ensure it has enough resources to complete the project and won't walk away from it before it is finished.

Experts said the shortage of "hard titles" is the most serious challenge for banks' housing loan services, since most banks accept only a hard title (an official property title) as collateral from customers. If they have to accept a "soft title"



CPA Dews said the biggest problem for banks wishing to engage in secured lending is the lack of a reliable land register, which results from multiple land titling, overlapping titles and lack of proper training for land registry officials. This kind of ineffective public administration by local officials, often due to informal fees and negligence, has resulted in overlapping soft titles that have been behind many of the country's property disputes.

Dews said a reliable land register is badly needed and urged the government to implement one to enable banks to really benefit from the Kingdom's economic growth.

In addition, he said Cambodians need to be taught to honor contracts. Often they violate terms by making late payments, or selling property put up as collateral without a bank's permission. The flipside of this is that since few Cambodians have hard titles, banks engage in fierce competition to attract those who do. This can be tough for banks, but good for customers

percent for customers with hard titles, 13 percent for those with soft titles. Canadia demands a hard title deed from its general customers, although OCIC customers can use purchased property as collateral.

In the future, banks plan to start offering housing loan service without requiring hard titles as collateral but the proof of customer's income source would be enough like in other developed countries. But that will take time, according to Canadia's Long Chhay.

High interest rates

While terms and conditions differ from one bank to another, annual interest rates have fallen to about 10 to 15 percent, thanks to competition. But that's still high compared to other countries with an interest rate of only 2 to 3 percent, such as in

Phillips Dews said interest rates were a real challenge for the sector. The high rates of domestic banks will encourage more foreign banks to open operations in

He recommends lowering the interest rate and encouraging the seven deposit-taking MFIs to list on the stock exchange. "The inflow of foreign money will allow lower interest rates, and this will aid local firsttime home buyers, who will be able to borrow more cheaply," he said.

But, NBC Deputy Director General Chea Serey said Cambodian interest rates were set according to the market, and they were higher since long-term peace and stability only returned to the country relatively recently.

"Cambodia is a young economy compared to Malaysia which has had the luxury of building its economy without interruption since its independence," she said, adding that the average Cambodian interest rate fell from 13.3 percent in January 2012 to 11.6 percent in December 2012. She added that market competition will bring it down further, helped by land title reform and increased confidence of investors about the country's economic outlook.

But while more people are taking out home loans, there could be trouble on the horizon. Chrek Soknim, deputy director of Vtrust Properties, said the affordability of future home ownership could be in jeopardy as property prices keep rising, especially in urban areas.

"We think later generations of the middle class or people with lower incomes will have difficulties affording homes because property prices are increasing over the coming years," said Soknim.

Currently, an income of around US\$1,000 per month is sufficient to secure a bank loan for a house worth US\$40,000 to US\$50,000, but it's going to be a challenge finding houses at those prices in five to six years," he said. "People's incomes aren't rising quickly enough to keep up with increasing property prices and inflation."

With such volatile property price, observers also predict a trend for renting rather than buying will emerge.

While Canadia Bank's Long Chhay partly agreed with that, he insisted that if intera home is just temporary, but they want permanent shelters," he said.

So Phonnary, Acleda's chief operations officer, added that investors are smart and adaptive to the changing need of the home buyers. "Though prices of houses could increase in the future, some investors always build affordable houses and residential buildings for certain segments of buyers," she said. "We've already seen in the outskirts of the capital, where affordable houses are being offered."

Overcrowded market

With more financial players on the landscape, some bankers say tougher competition is in the cards.

ANZ's Grant Knuckey sees demand in the Cambodian residential mortgage market as strong and sustainable, and the increased competition is likely to benefit customers. It could lead to higher loan-to-valuation ratios and more flexible terms over time, he said.

Also admitting there are more lenders in

tough one right now. "Each bank is more careful about providing loans given the bad experience of 2008," he said. "We provide loans to this sector based on prudent

Dews said he sees lots of unwise lending, and that recovering money through the courts is almost impossible. He added that many banks are too willing to roll over unpaid interest and extend loans, rather than report them as having gone sour. The public will only be aware of this problem during the next business downturn.

In the end, there is a lot of optimism around the sector, and banks are prospering on the back of a growing economy, rising incomes and political stability. But, bankers also say more needs to be done to make sure the good times last, such as getting a reliable titling system in place and working to lower interest rates, considered still too high by many •

By Tim Vutha

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👝 សវាកម្មហិរញ្ញវត្ថុគឺជាសរសៃឈាមនៃរាល់ ប្រទេសដែលមាន់សេដ្ឋកិច្ចលូតលាស់ទាំង ទ័្យាយ ហើយសេវាកម្មនេះក៏ដើតនាទី 🗸 យ៉ាងសំខាន់សម្រាប់ឧស្ស៊ាហកម្មសំណង់ និងអចលនទ្រព្យផងដែរ។

បច្ចុប្បន្ននេះ ក្រៅពីផ្តល់កម្ចីលើវិស័យ សំណង់អ៊ីចលិនទ្រព្យ និងកម្ចីដែល៍មានបញ្ចាំ ទ្រព្យ ទីភ្នាក់ងារហិរ័ញ្ញវត្ថុនាំនាកំពុងប្រកូត ប្រជែងគ្នាផ្តល់ជូនសេវាហ៊ិរញ្ញ់វត្ថុដែល់មានភាព ងាយស្ត្រីល៍ជាងំមុន ដូចជាល៊ិខិតធានាលើការ អនុវត្តន៍នៅពេលម៉ានការដេញថ្ងៃគម្រោងសាង-សង់ កម្ចីដែលមានអត្រាការប្រាក់ទាបជាងមុន និងនីតិវិធីងាយស្រួលបាងមុនដើម្បីទទួលបាន សេវាកម្មហិរញ្ញវិត្តនានា។

កម្ចីទិញផ្ទះបានក្លាយជាអទិភាពមួយ សម្រាប់ធំនាគារទាំងឡាយនៅកម្ពុជា។ បរិ-មាណកម្ចីទិញផ្ទះដែលត្រូវបានស្នើដោយជន-ជាតិកម្ពុជាបានកើនយ៉ាំង់គំហុកនាប៉ុន្មានឆ្នាំ ចុង ក្រៅយ នេះដោយ សារ តែសេដ្ឋកិច្ចនិង ប្រាក់ចំណូលរបស់ប្រជាជនមានការកើនឡ<u>ើ</u>ង ស្របពេលដែលចំណេះដឹងអំពីសេវាកម្ម ហិរញ្ញវត្ថុបានរីកចំរើន។

ផ្នែកតាមរបាយការណ៍ពីធនាគារជាតិនៃ កម្ពុជា បរិមាណកម្ចីទិញផ្ទះសរុបដែលផ្តល់ ដោយធនាគារនៅក្នុងប្រទេសទាំង់អស់បានកើន ឡើងជារៀងរាល់ឆ្នាំ។ កម្ចីទិញផ្ទះបានកើនដល់ ១២០លានដុល្លារអាមេរិកក្នុងឆ្នាំ២០១០ហើយ កើនឡើងច្រើនជាង២ដង រហូតដល់២៧៤លាន ដុល្លារអាមេរិកក្នុងឆ្នាំ២០១១។ បរិមាណកម្ចី ទិញផ្ទះនេះបាន់កើនដល់៣ ៣ ០ លានដលារ អាមេរិកកាលពីឆ្នាំមុន ហើយនៅរយៈពេល២ ខែដើមឆ្នាំនេះ បរិមាណកម្ចីទិញផ្ទះមានដល់ ទៅ៣៤៤,៥លានដុល្លារអាមេរិក។

"ដោយជាប្រទេសមួយដែលមានប្រជា-ជននៅក្មេងច្រើន កម្ពុជាមានតម្រូវការលំនៅ-ដ្ឋានយ៉ាងចំសម្បីម" លោកស្រី ងួន សុខា អគ្គនាយកនៃធនាគារជាតិនៃកម្ពុជា បានលើក ទ្បើងយ៉ាងដូច្នេះដោយបន្ថែមទៀតថា "កំណើន យ៉ាងគំហុកនៃប្រាក់កម្ចីបានបង្ហាញពីទំនុកចិត្ត របស់ធនាគារទាំំងឡាយទៅលើស្ថិរភាពសេដ្ឋ-កិច្ច និងនយោបាយនៅក្នុងប្រទេសនេះ។

បច្ចុប្បន្ននេះកម្ពុជាមានធនាគារពាណិជ្ជ ចំនួន៣២ ធនាគារឯកទេសចំនួន៧ ស្ថាប័ន មីក្រូហិរញ្ញវត្ថុចំនួន៣៥ រួមបញ្ចូលទាំងស្ថាប័ន មីក្រុំហិរញ្ញវត្ត់ដែលទទួលប្រាក់បញ្ញើចំនួន ៧ និង ប្រតិបត្តិករឥណទានជនបទចំនួន ៣២ ដែលធនាគារពាណិជ្ជស៊ើរទាំងអស់ បានផ្តល់ ជូនសេវាកម្មបញ្ចាំអចលិនទ្រព្យនិងកម្ចីសាង-

មួយក្នុងចំណោមពួកគេគឺធនាគារ ANZ Royal បានក៏ត់សម្គាល់ថា ផលធៀបរវាងប្រាក់ កម្ចីពីធនាគារ និង់តម្លៃរបស់អចលទ្រព្យជាក់ ស្តែង (loan-to-valuation ratio) គឺមាន ចំនួន៦០ភាគរយ។ ជាទូទៅធនាគារនេះផ្តល់

ប្រាក់កម្ចីមានរយៈពេល១០ឆ្នាំ ដែលអត្រាការ ប្រាក់មានចន្លោះពី ៩ដល់ ៩, ៤ភាគរយ៍ ដែល ភាគច្រើននៃអតិថិជនបញ្ចាំទ្រព្យសម្រាប់ទិញ លំនៅជានរបស់គេគឺជាជន៍ជាតិកម្ពុជា បើទោះ ថីជាធនាគារនេះផ្តល់សេវាកម្មបញ្ចាំអចលន ទ្រព្យដល់ជនបរទេសដែលមានិសិទ្ធិស្នើបញ្ចាំ ទ្រព្យ័ក៏ដោយ។ ធនាគារ ANZ Royal ក៏ធ្វើការ ជាមួយអ្នកអភិវឌ្ឍន៍អចលនទ្រព្យដើម្បីផ្តល់ជូន ជម្រើសហិរញ្ញប្រទាននានា និងផ្តល់អនុសាសន៍ ដល់អតិថិជនដែលនឹងទិញអចលនទ្រព្យរបស់ គេផងដែរ។

លោក Grant Knuckey អគ្គនាយកធនាគារ ANZ Royal បាននិយាយថា ដោយដើរស្រប តាមនិន្ទាការទីផ្សារ ចំណែកទីផ្សារនៃសេវ៉ាកម្ម បញ្ចាំនៅដ្ឋានរបស់ធនាគារ ANZ Royal បាន កើនទៀងក្នុងរយៈពេលជាង ៦ ខែនេះរហូត ដល់ ២០ភាគរយនៃទីផ្សារទាំងមូល។ លោក បានមានប្រសាសន៍បន្តថា សេវាក់ម្មបញ្ចាំទិញ អចលនទ្រព្យនៅកម្ពុជា ក៏ដូចជានៅប្រទេស ដែលមានការអភិវឌ្ឍន៍ផ្សេងៗទៀតដែរ គឺត្រូវ បានជំរុញដោយ កំណើនភាពកកក្ញារបស់ ប្រជាជន និងនគរូបនីយកម្ម។ ស្ថានភាពរីក លូតលាស់នៃសេវាំកម្មបញ្ចាំអិចលន់ទ្រព្យនៅ កម្ពុជាត្រូវបានរំពឹងថានឹង៍បន្តដោយសារតែ ប្រជាជនិកម្ពុជាដែលមានជីវិភាពធូរធារកាន់ តែច្រើនឡើង់បានជំរុញការទិញលំនៅដ្ឋាន ផ្ទាល់ខ្លួនរបស់គេ។

ឆ្នាំនេះធនាគារ ANZ Royal រំពឹងថានឹង ផ្តល់ប្រាក់កម្ចីទិញផ្ទះចំនួន ៣០លានដុល្លារ អាមេរិកនៅកម្ពុជា នេះបើតាមលោក Joe Phelan ប្រធានសៃវាកម្មបញ្ចាំអចលនទ្រព្យនៃ ធនាគារ ANZ Royal ។

សម្រាប់ធនាគារពាណិជ្ជកម្មក្រៅប្រទេស (FTB) ដែលជាធនាគារពាំណិ៍ជួមួយកើតពី សម័ន្តរវាងវិស័យឯកជន និងរដ្ឋាភិបាល ក៏បាន ផ្ដោតជាសំខាន់លើកម្ចីទិញលំនៅដ្ឋាននេះដែរ ប៉ើទោះបីជាធនាគារនេះបានធ្វើការយ៉ាងជិត ស្និទ្ធជាមួយនឹងអ្នកអភិវឌ្ឍន៍អចលនទ្រព្យនិង ភ្នាក់ងារអចលនទ្រព្យក៏ដោយ។

"FTB បានផ្តល់កម្ចីឥណទានជាច្រើនដល់ រដ្ឋាភិបាលដើម្បីអភិវឌ្ឍគម្រោងហេដ្ឋារចនា-សម្ង័ន្ត និងអគារនានាររបស់រដ្"។ លោក ងួន សារ៉ាត់ មន្ត្រីឥណទាននៃធនាគារ FTB ប៉ាន លើកឡើងយ៉ាងដូច្នេះ ដោយបន្ថែមថា "៣ក់-ព័ន្ធនឹងកម្ចីទិញលំនៅដ្ឋាន យើងបានផ្តល់ប្រាក់ កម្ចីនេះដល់ជនជាតិកម្ពុជារហូតដល់៦០ភាគ-រយ៍នៃតម្លៃលំនៅដ្ឋានស់រុប ំដែលមានរយៈ ពេលបង់វំលស់រហូតដល់២០ឆ្នាំ"។

ធំមួយនៅកម្ពុជាបានកត់សម្គាល់នូវការធ្លាក់ចុះ បន្តិចលើបរិម៉ាណកម្ចីទិញលំនៅដ្ឋាននៅឆ្នាំ នេៈ។ នៅរយៈពេល៤៍ឆ្នាំនេះកម្ចីទីិញលំនៅ-ដានបានកើនដល់១៥លានដលារអាមេរិក គឺ ៧ភាគរយធ្លាក់ចុះបើធៀបនឹងរយៈពេលដូចគា ក្នុងឆ្នាំមុន។ លោក ខ្លួសព្រារ៉ា អគ្គនាយករង នឹងជាអនុប្រធានផ្នែកតំណទាន។ អ្នកទទួល ឥណទាន់ពីធនាគារ ACLEDA គឺជនជាតិកម្ពុជា

ធនាគារACLEDAដែលជាធនាគារពាណិជ

ធនាគាររំពឹងថានឹងផ្តល់ប្រាក់កម្ចីទិញលំនៅ ដ្ឋានរហូតដល់១២៥លានដលារ៍អាមេរិក។

ធនាគារកាណាឌីយ៉ាដែលបានសហ-ប្រតិបតិការជាមួយក្រមហ៊ុន ocic ដែលជា ក្រុមហ៊ុនអភិវឌ្ឍន៍អចលន់ទ្រព្យឈានមុខក្នុង ស្រុកមួយបានផ្តល់ប្រាក់កម្ចីពីរប្រភេទ គឺប្រាក់ កម្ចីទិញ្ចលំនៅដ្ឋានសម្រាប់អតិថិជនទូទៅនិង ញ្ចាក់កម្ចីទិញលំនៅដ្ឋានសម្រាប់អតិថិជំនរបស់

ធនាគារកាណាឌីយ៉ា ថ្មីត្បិតទើបតែបាន ដំណើរការសេវាកម្មឥណទានទីញលំនៅដ្ឋាន នាចុងឆ្នាំមុនប៉ុណ្ណោះ ប៉ុន្តែបានកត់សម្គាល់ ឃើកកំណើនយ៉ាងលលើសេវាកមនេះផងដែរ លោក ឡុង ឆាយ អគ្គនាយកឥណទានទិញ លំនៅដ្ឋាន់ីរបស់ធនាគាំបានប្រាប់យ៉ាងដូច្នេះ។ ខណៈដែលអតិថិជនកាណាឌីយ៉ា ភាគច្រើន ជាជនជាតិកម្ពុជា ក៏មានជនបរទេសជាច្រើន ជាពិសេសជន់ជាតិចិន បានស្មើឥណទានដើម្បី ទិញអចលនទ្រព្យដូចជា ខ្លួនដូរបស់ក្រុមហ៊ុន ocic ដែលនេះជាលទផលរបស់គោលនយោ-បាយរដ្ឋាភិបាលដែលអនុញ្ញាតឲ្យជនបរទេស អាចធ្វើជាម្ចាស់អចលនទ្រព្យិចាប់ពីជាន់ទីមួយ ទេវីងបាន។

ធនាគារកាណាឌីយ៉ាផ្តល់រយៈពេលសង រំលស់ដល់១៥ឆ្នាំសម្រាប់អតិថិជនទូទៅ។ ខណៈ ដែលគោលនយោបាយ និងល័ក្ខខ័ណ្ឌឥណ-ទានសម្រាប់អតិថិជន ocic ខុសគ្នាទៅតាម គម្រោងនិងទីតាំង។រយៈពេលបង់រំលស់អាច ពី៧រហតដល់២០ឆាំ ហើយអាចផល់ពី៦០ទៅ

ការប្រាក់នៅចនោះពី ១០ ទៅ១១ភាគរយ។

លោក ឡុង ឆាយ បានកត់សម្គាល់ឃើញ ថាមានប្រជាជនកម្ពុជាកាន់តែច្រើនឡើងបាន យល់ដឹងពីផលប្រយោជន៍នៃឥណទានទិ៣ផ្ទះ ពីធនាគារជាជាងប្រើប្រាស់ថវិកាផ្ទាល់ខ្លួនទាំង អស់ដើម្បីទិញអចល័នទ្រព្យ។ "វាមិ៍នងាយ៉័ស្រួល ទេដើម្បីសន្សំលុយគ្រប់គ្រាន់អាចទិញផ្ទះមួយ បាន។ ប្រសិនបើអ្នកទិញអចលនទ្រព្យជាមួយ នឹងប្រាក់កម្ចី អ្នកអាចទិញអចលនទ្រព្យបាន ងាយស្រួលជាងិមុន ហើយទិញអចលន់ទ្រព្យ មួយទៀត ដោយគ្រាន់តែផ្ទេរឥណទានដែល នៅសល់ទៅអ្នកទិញថ្មីប៉ុណ្ណោះ។" បន្ថែមពីនេះ ទៀត អតិថិជននានាដែលមានថវិកាគ្រប់គ្រាន់ ដើម្បីទិញអចលនទ្រព្យ ក៏អាចប្រើថវិកាទាំង នោះដើម្បីធ្វើអាជីវកម្ម ដោយសារតែការសើ ឥណទាន់ទិញលំនៅដ្ឋានគឺថោកជាងឥណទាន ពាណិជ្ជកម្ម។

ធនាគារកាណាខ្ចីយ៉ាគ្រោងផ្តល់ឥណ-ទានទិញលំនៅដ្ឋានចន្លោះ ៥០ទៅ ៥០លាន ដុល្លារអាមេរិកក្នុងឆ្នាំនេះ ដែលមិនរួមបញ្ចូល ត់ណ៍ទានវិនិយោធិសម្រាប់អ្នកអភិវ័ឌ្ឍន៍អ៊័ច-លទ្រព្យនោះទេ។ ធនាគារនេះក៏រំពឹងថាតម្រូវ-ការឥណ៍ទានទិញលំនៅដ្ឋាននឹងកើនឡើងផឹង

ក្រៅពីអាស្រ័យលើ ឥណទានទិញលំនៅ-ដ្ឋានឬសេវាកម្មបញ្ចាំទ្រព្យ ដែលផ្តល់ជូនដោយ ធិនាគារនានា ី អ្នំកអភិវិឌ្ឍន៍អចលន់ទ្រព្យក៏ កំពុងប្រើយុទ្ធសាស្ត្រៃវៃឆ្លាត់ដើម្បីលើកកម្ពស់ ការលក់លំនៅដ្ឋានដោយអនុញ្ញាតឲ្យអតិថិជន អាចបង់រំលួសវិហូតដល់ ១០ ទៅ ២០ឆ្នាំ មិន ដូចកាលពីម៉ឺន ដែលអតិថិជនចាំបាច់ត្រូវបង់ីប្រាក់



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ឧស្សាហកម្មសំណង់នោះ មានគ្រឹះស្ថានមីក្រូហិរ-ញ្ញវត្ថុជាច្រើនក៏កំពុងបង្កើនតួនាទីរបស់ខ្លួននៅ ក្នុងទីផ្សារដែលកំពុងតែមានកំណើននេះដែរ។

ជំនួយដល់អ្នកអតិវឌ្ឍន៍អចលនទ្រព្យ

មានអ្នកអភិវឌ្ឍន៍អចលនទ្រព្យជាច្រើន អាចក្រោកឈរពីវិបត្តិហិរញ្ញវត្ថុស័កល៍ ហើយ អាចមានភាពនឹងនរឡើងវិញ្ហិ ក៏ដោយសារ ជំនួយផ្តល់ដោយធនាគារផងដែរ ជាពិសេស ធនាគារកាណាឌីយ៉ា។ ក្រៅពីផ្តល់ហិរញ្ញប្ប-ទានរាប់ពាន់លានដុល្លារអាមេរិកដល់គម្រោង សាងសង់របស់ក្រុម៉ហ៊៊ិន ocic នៅក្នុងខែកុម្ភៈ ឆ្នាំនេះធនាគារនេះក៏បានផល់ឥណទាន ២៤ លានដុល្លាអាមេរិកដល់អ្នកអភិវឌ្ឍន៍អចលន-ទ្រព្យក្ចូរ៉េវ៉ៃដែលសាងសង់ខ្លួនដូរ De Castle Royal និងបានផ្អាកការសាងសង់ឲ្យបន្តការ សាងសង់រហូតដល់ចប់ផងដែរ។ គោលបំណង គឺដើម្បីជៀសវាងកុំឲ្យមានគម្រោង បរាជ័យដូច គម្រោង Gold Tower 42 ដែលស្ថិតនៅកណ្តាល ក្រុងភ្នំពេញដោយមកដល់ពេលនេះ នៅមិន ទាន់បញ្ចប់នៅឡើយ។

ធនាគារ ACLEDA ក៏បានផ្តល់ជូនបរិមាណ ឥណទានវិនិយោគយ៉ាងច្រើនដល់អ្នកអភិវឌ្ឍន៍ អចលនទ្រព្យផងដែរ ដោយក្នុងរយៈពេល៤ខែ ដើមឆ្នាំនេះ ធនាគារបានផ្តល់ឥណទានវិនិ-យោគចំនួន ៦លានដុល្លារអាមេរិក កើនឡើង ប្រហែលជា ២ ភាគរយ ពី ៥,៩ លានដុល្លារ អាមេរិកក្នុងរយៈពេលដូចគ្នាកាលពីឆ្នាំមុន។

ដើម្បីទទួលបានឥណទានពីធនាគារអ្នក

អភិវឌ្ឍន៍អចលនទ្រព្យចាំបាច់ត្រូវផ្ដល់លិខិត ចុះបញ្ជីជីវកម្ម របាយការណ៍ហិរញ្ញវត្ថុ របាយ-ការណ៍ធានាពីធនាគារ និងផែនការអាជីវកម្ម មកធនាគារ។ "ធនាគារក៏តម្រូវឲ្យអតិថិជនផ្ដល់ ជូនរបាយការណ៍ចរន្តសាច់ប្រាក់ និងស្ថានភាព ហិរញ្ញវត្ថុដែលរឹងមាំផងដែរ"។ នេះបើតាមការ បញ្ជាក់ពីលោក នូ សុធារ៉ា អគ្គនាយករងនៃ ធនាគារ ACLEDA។

ប៉ុន្តែទោះបីជាវិស័យនេះមានការរីកលូត-លាស់យ៉ាងរលូនក៏ដោយ ក៏នៅមានចំណុច មួយចំនួនគួរឲ្យបារម្ភផងដែរ នេះបើតាមអ្នក ជំនាញ។ លោក Philip Dews អ្នកជំនាញ គណនេយ្យ(CPA)បាននិយាយថាមានករណី ជាច្រើនដែលធនាគារក្នុងស្រុកជើរតួជាអ្នកអភិ-វឌ្ឍន៍អចលនទ្រព្យដោយខ្លួនគេផ្ទាល់ ឬក៏សហ-ការជាមួយអ្នកអភិវឌ្ឍន៍។ ជួនកាលអត្រាការ-ប្រាក់របស់ធនាគារ និងអ្នកអភិវឌ្ឍន៍អចលន-ទ្រព្យគឺមិនច្បាស់លាស់។

ធនាគារនានាក៏ចូលរួមយ៉ាងជិតស្និទ្ធជាមួយ នឹងការដេញថ្លៃគម្រោងសាងសង់ផងដែរតាមរយៈ សេវាកម្មធនាគារលើការចេញលិខិតធានាលើ គម្រោងនៅពេលមានការដេញថ្លៃគម្រោងសាង-សង់។ នេះគឺជាឯកសារផ្លូវច្បាប់មួយដែលម្ចាស់ គម្រោងស្នើឲ្យគ្រប់ក្រុមហ៊ុនសាងសង់ធ្វើឡើង ក្រោមការត្រួតពិនិត្យដោយធនាគារដើម្បីធានា ថាក្រុមហ៊ុនសាងសង់មានធនធានគ្រប់គ្រាន់ ដើម្បីបញ្ចប់គម្រោងនឹងមិនរត់ចេញពីគម្រោង មុនពេលវាបញ្ចប់ការសាង់សង់នោះទេ។

ការផ្តល់កម្ចីប្រកបដោយសុវត្ថិតាព

អ្នកជំនាញបានលើកឡើងថា កង្វះខាត ប្លង់រឹង គឺជាការប្រឈមមុខធំបំផុតរបស់សេវា-កម្មកម្វីទិញលំនៅដ្ឋានរបស់ធនាគារដោយសារ តែមានធនាគារស្ទើរតែទាំងអស់ទទួលយកតែ ប្លង់រឹង(ឯកសារកម្មសិទ្ធអចលនទ្រព្យផ្លូវការ) តែប៉ុណ្ណោះធ្វើជាទ្រព្យធានាពីអតិថិជន។ ប្រសិន បើធនាគារព្រមទទួលយកប្លង់ទន់(ឯកសារក ម្មសិទ្ធមិនផ្លូវការ) ពួកគេនឹងតម្លើងអត្រាការ-ប្រាក់ដោយសារតែមានហានិភ័យខ្ពស់។

អ្នកជំនាញខាងគណនេយ្យលោក Philip Dews បានលើកឡើងថា បញ្ហាធំបំផុតដែល ធនាគារទាំងឡាយប្រាថ្នាចង់ប៉ាននូវការផ្តល់ ឥណទានប្រកបដោយសុវត្ថិភាពនោះគឺកង្វះ ខាតអ្នកចុះបញ្ជីដីធ្លីដែលអាចជឿជាក់បានមួយ ដែលបណ្តាលឲ្យមានការចេញប្លង់កម្មសិទ្ធច្រើន ដង ប្លង់កម្មសិទ្ធត្រួតគ្នា និងកង្វី ខាតការបណ្តុះ-បណ្តាលដែលត្រឹមត្រូវមួយដល់មន្ត្រីជំនាញ់។ បញ្ហាគ្រប់គ្រងរដ្ឋបាលដែលគ្មានប្រ៊ីសិទ្ធភាព ដោយមន្ត្រីថ្នាក់ក្រោមនេះជារឿយៗគឺកើតឡើង ដោយស៊ារចំណាយក្រៅផ្លូវការនិងភាពធ្វេស-ប្រហែសដែលបណ្តាលឲ្យម៉ានការចេញឬង់ទន់ ដែលត្រូតគ្នានឹងជា់កត្តាចម្បងបណ្តាលឲ្យមាន ទំនាស់អ៊ីចលនទ្រព្យរាំរៃនៅក្នុងប្រទេស។ លោក Dews លើកឡើងថា ស្ថាប់នៃចុះបញ្ជីដីធ្លីដែល អាចជឿជាក់មួយគឺត្រូវការជាចាំបាច់បំផុត ហើយ គាត់សូមជំរុញឲ្យរដ្ឋាភិបាលអនុវត្តនូវគោលការ-ណ៍មួយដែលអាចឲ្យធនាគារទាំងឡាយទទួល ផលប្រយោជន៍ពីសេដ្ឋកិច្ចលូតលាស់របស់

ជាតិបាន។

លើសពីនេះទៀត គាត់បាននិយាយថា ប្រជាជនកម្ពុជាគួរតែត្រូវបានសិក្សាបន្ថែមពីការ ផ្តល់ការគោរពលើកិច្ចសន្យា ដោយសារតែជា រឿយៗពួកគេរំលោភលំក្ខខំណ្ឌបង់រំលស់ដោយ បង់ថវិការំលស់យឺត ឬលក់អចលនទ្រព្យដែល គេបានដាក់ជាទ្រព្យធានាដោយគ្មានការអនុញ្ញាតពីធនាគារ។ បញ្ហានៅទីនេះគឺថា ដោយ សារតែមានជនជាតិកម្ពុជាតិចតួចមានប្លង់រឹង ដូចនេះធនាគារទាំងឡាយ បានប្រកួតប្រជែង គ្នាយ៉ាងខ្លាំងក្លាដើម្បីដណ្ដើមយកអតិថិជនតិច តួចដែលមានប្លង់រឹងទាំងនោះ។ បញ្ហានេះនឹង មានភាពតានតិងសម្រាប់ធនាគារ ប៉ុន្តែនឹងមាន ផលល្អសម្រាប់អតិថិជនដែលមានប្លង់រឹង។

ខណៈដែលធនាគារ ACLEDA បានកំណត់ តម្លៃអត្រាការប្រាក់ចំនួន ១២ ភាគរយសម្រាប់ អតិថិជនដែលមានប្លង់រឹង និង ១៣ ភាគរយ សម្រាប់អតិថិជនដែលមានប្លង់ទន់ ធនាគារ កាណាឌីយ៉ា ទាមទារប្លង់រឹងពីអតិថិជនទូទៅ អតិថិជនរបស់ OCIC អាចប្រើប្រាស់អចលន-ទ្រព្យដែលទិញរួចមកធ្វើជាទ្រព្យបញ្ចាំបាន។

នៅពេលអនាគត ធនាគារទាំងឡាយ មានគម្រោងផ្ដល់សេវាឥណទានទិញផ្ទះដូចនៅ ប្រទេសអភិវឌ្ឍន៍នានាដែរ ដោយមិនចាំបាច់ ទាមទារប្លង់រឹងធ្វើជាទ្រព្យធានានោះទេគឺមាន ត្រឹមការបញ្ជាក់ពីប្រភពចំណូលរបស់អតិថិជន គឺជាការស្រេច ប៉ុន្ដែវានឹងត្រូវចំណាយពេល-វេលាយូរដើម្បីឈានដល់កម្រិតនោះ។ នេះ បើយោងតាមការបញ្ជាក់ពីលោក ឡុង ឆាយ នៃ ធនាគារកាណាឌីយ៉ា។

អត្រាការប្រាក់ខ្ពស់

ខណៈដែលល័ក្ខខ័ណ្ឌនិងពេលវេលាខុស គ្នាពីធនាគារមួយទៅធនាគារមួយទៀត អត្រា ការប្រាក់ប្រចាំឆ្នាំបានធ្លាក់ចុះមកនៅត្រឹម១០ ទៅ ១៥ ភាគរយ ដែលនេះជាអត្ថប្រយោជន៍ មកពីការប្រកួតប្រជែង។ប៉ុន្តែអត្រានេះនៅតែ ខ្ពស់ប្រសិនបើប្រៀបធៀបទៅនឹងប្រទេសដទៃ ទៀត ដូចជាម៉ាឡេស៊ីដែលមានអត្រាការប្រាក់ ត្រឹម ២ ទៅ ៣ភាគរយប៉ុណ្ណោះ។

លោក Phillips Dews បាននិយាយថា អត្រាការប្រាក់ខ្ពស់គឺជាការប្រឈមដ៏ធំមួយ សម្រាប់វិស័យនេះ។ អត្រាការប្រាក់ខ្ពស់របស់ ធនាគារក្នុងស្រុកនឹងលើកទឹកចិត្តឲ្យមានធនាគារ បរទេសជាច្រើនដំណើរការក្នុងប្រទេសកម្ពុជា ដែលនឹងផ្តល់ឥណទានទិញលំនៅដ្ឋានដែល មានអត្រាការប្រាក់ថោកជាងមុន។

គាត់បានផ្ដល់អនុសាសន៍ឲ្យបញ្ចុះអត្រា ការប្រាក់ និងលើកទឹកចិត្តឲ្យគ្រឹះស្ថានមីក្រូហិរ-ញ្ញវត្ថុដែលទទួលយកប្រាក់បញ្ញើទាំង៧ឲ្យចូល រួមក្នុងទីផ្សារភាគហ៊ុន។ "លំហូរចូលនៃថវិកា បរទេសនឹងជួយបញ្ចុះតម្លៃអត្រាការប្រាក់ហើយ កត្តានេះនឹងជួយអ្នកទិញលំនៅដ្ឋានលើកដំបូង នៅក្នុងស្រុកអាចស្នើឥណទានពីធនាគារក្នុង អត្រាការប្រាក់ថោកជាងមុន"។

ប៉ុន្តែលោកស្រី ជា សេរី អគ្គនាយករង នៃធនាគារជាតិនៃកម្ពុជា បានលើកឡើងថា អត្រាការប្រាក់នៅកម្ពុជាត្រូវបានកំណត់អាស្រ័យ លើទីផ្សារ ហើយអត្រានេះមានកំណើនខ្ពស់ ដោយសារកម្ពុជាទើបទទួលបានសន្តិភាព និង ស្ថិរភាពពេលលេញនៅរយៈពេលថ្មីៗនេះទេ។

"កម្ពុជាគឺជាប្រទេសដែលមានសេដ្ឋកិច្ច ក្មេងខ្ទីមួយបើប្រៀបធៀបជាមួយនឹងប្រទេស ម៉ាឡេស៊ីដែលមានការរីកចំរើន ដោយបាន កសាងសេដ្ឋកិច្ចរបស់ខ្លួន ដោយមិនមានបញ្ហា រអាក់រអូលតាំងពីបានទំទួលឯករាជ្យមក មិន ដូចជាកម្ពុជានោះទេ"។ លោកស្រីបានលើក ឡើងយ៉ាងដូច្នេះ ដោយបានបន្ថែមថា អត្រា ការប្រាក់នៅកម្ពុជាជាមធ្យមគឺបានធ្លាក់ចុះពី ១៣,៣ភាគរយ ក្នុងខែមករា ឆ្នាំ២០១៣ មក ១១,៦ភាគរយក្នុងខែមករា ឆ្នាំ២០១៣ មក ១១,៦ភាគរយក្នុងខែមករាឆ្នាំ២០១២។ លោកស្រី បានបន្ថែមទៀតថា ការប្រកួតប្រជែងទីផ្សារនឹង ទម្លាក់អត្រាការប្រាក់នេះបន្ថែមទៀត ខណៈ ដែលមានយុទ្ធនាការកំណែទម្រង់ការចុះបញ្ជី ដីធ្លី និងកំណើនទំនុកចិត្តរបស់អ្នកវិនិយោគទុន លើចក្ខុវិស័យសេដ្ឋកិច្ចនៃកម្ពុជា។

ការកើនឡើងតម្លៃអចលនទ្រព្យ

ប៉ុន្តែខណៈដែលមានមនុស្សច្រើនជាង មុនបានស្នើឥណទានទិញលំនៅដ្ឋាន វាក៏នឹង មានបញ្ហាមួយចំនួននៅពេលខាងមុខផងដែរ។ លោក ច្រឹក សុខនឹម អគ្គនាយករងនៃក្រុមហ៊ុន Vtrust Properties បាននិយាយថា លទ្ធភាព នៃការទិញលំនៅដ្ឋាននាពេលអនាគតនឹងមាន ហានិភ័យ ដោយសារតែតម្លៃអចលនទ្រព្យបន្ត កើនឡើង ជាពិសេសនៅតំបន់ទីប្រជុំជន។



"យើងគិតថាអ្នកជំនាន់ក្រោយនៃប្រជាជន វណៈកណាល និងប្រជាជនដែលមានបាក់ ចំណូលទាបនិងមានការលំបាកជាងមុនដើម្បី ទិញផ្ទះ ពីព្រោះតមៃអចលន្ទទពន្រឹងកើនទៅ្នឹ នៅវ័យៈពេលប៉ុន្មានឆ្នាំខាងមុខនេះ"។ លោក សុខ នីម បាននិយាយយ៉ាងដូច្នេះ។

បច្ចុប្បន្ននេះប្រាក់ចំណូលប្រហែល១៣ន់ ដុល្លារអាំម៉េរ៊ិកក្នុងមួយខែ គឺគ្រប់គ្រាន់ដើម្បី ព់នានវកមីឥណីទាំនពីធនាគារដែលមានតមៃ ៤០,០០០ ទៅ ៥០,០០០ដុល្លារអាមេរិក ប៉ុន្តែ វានឹងក្លាយជាការប្រឈមមួយនៅពេលអនា់-គតក្នុងការស្វែងរក់លំនៅដ្នាំនដែលមានតម្លៃ កម្រ៊ីត់នេះនៅ៍រយៈពេល ៥ ឬ ៦ ឆ្នាំខាងមុខ។ គាត់បានលើកឡើងយ៉ាងដូច្នេះ។ "ចំណូល របស់ប្រជាជនមិនបានកើនឡើងរហ័សឲ្យទាន់ នឹងការទៀងថ្លៃអចលនទ្រព្យ និងអតិថ័រណា នោះទេ"។

ជាមួយនឹងការឡើងតម្លៃអចលនទ្រព្យ បែបនេះ អ្នកអងេតមួយចំនួនក៏បានរំពឹងទក ថានឹងមាននិន្យាក់ារជួលផ្ទះកើនឡើងជាជា់ង ការទិញលំនៅិដ្ឋាននឹងកើនឡើងដែរ។

ខណៈដែលលោក ឡុង ឆាយ ពីធនាគារ កាណាឌីយ៉ា យល់ព្រមមួយផ្នែកជាមួយទស្សនៈ ខាងលើនេះ គាត់ទទូចចាំប្រឹសិនបើអត្រាការ ប្រាក់ និងសាច់ប្រាក់បង់មនអាចបញ្ជុះជាងនេះ ប្រជាជននឹងនៅតែចង់ទិញផ្ទះ។ "ក់ារជួលផ្ទះ គឺគ្រាន់តែបណ្ដោះអាសន្នប៉ុណ្ណោះ ប៉ុន្តែពួក គេនៅតែចង់បានលំនៅដ្នាន់អ៊ូចិន្ត្រៃយ៍"។

លោកស្រី ស ភ័ណនារី អគនាយកប្រតិ-

បត្តិការនៃធនាគារ ACLEDA បានបន្ថែមថា វិនិយោគិនមានភាពវៃឆាត និងបត់បែនតាម ការផ្លាស់ប្តូរតម្រូវការរបស់អ្នកទិញលំនៅដ្ឋាន។ "បើទោះប៊ីជាតមែលំនៅដានអាចកើនទេដែនៅ ពេលអនាគត វិនិយោគិនមយចំនន់តែងតែ ស្ថាបនាផ្ទះដែលមានតម្លៃសមរម្យមួយ និង អគារស្នាក់នៅសម្រាប់ក្រុមអ្នកទិញផ្សេងៗគ្នា។ លោកស្រីបានលើកឡើងយ៉ាងដូច្នេះដោយ បន្ថែមថា យើងបានមើលឃើញនៅតាមជាយ ក្រុងនៃរាជធានី ដែលមានផ្ទះតម្លៃសមរម្យត្រូវ បានសាងសង់។

ទីផ្សារដែលចង្អេត

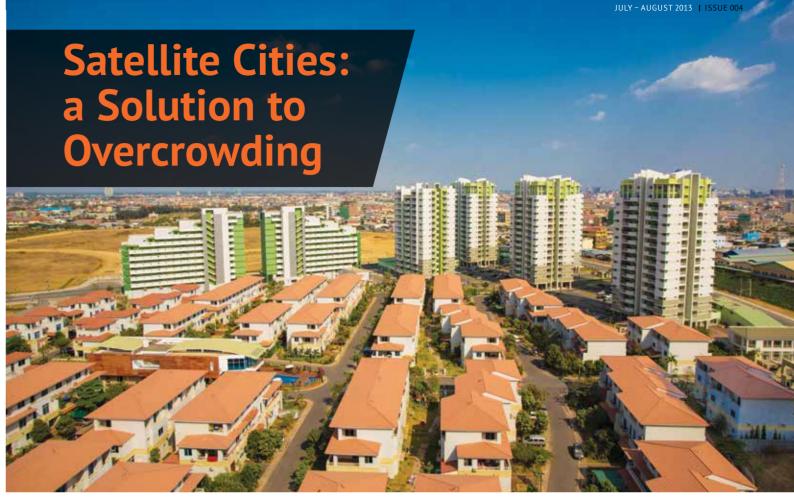
ដោយមានប្រតិបត្តិករហិរញ្ញវត្ថុកាន់តែ ច្រើនឡើងនៅក្នុងវិស័យនេះ ម៉ាន់ធនាគារ មួយចំនួនបានន៊ីយាយថា ការប្រកួតប្រជែង កាន់តែចង្អៀតជាងមុនគឺកំពុងកើតមានឡើង។ លោក Grant Knuckey នៃធនាគារ ANZ បាន មើលឃើញថាតម្រូវការក្នុងទីផ្សារបញ្ចាំទិញ អចលនទ្រព្យនៅកម្ពុជាគឺខ្លាំង និងមាន៍និរន្ទ-ភាព ហើយកំំណើនការប្រកួតប្រជែងគឺទំនង់ ជាផ្តល់អត្តប្រយោជន៍ដល់អតិថិជន។ លោក បានបន្ថែមថា វាអាចនាំទៅដល់កំណើនផល ធៀបរវាំងឥណទាន និងតម្លៃអចលនទ្រព្យជាក់-ស្ដែង និងមានរយៈពេលប៉ង់រំលស់ដែលអាច បត់បែនបានប្រសើរថែមទៀត។

ដោយទទួលស្គាល់ថាមានអ្នកផ្តល់ឥណទាន ច្រើននៅក្នុងទីផ្សារលោក នូ ស្មីធាវ៉ា ពីធនាគារ ACLEDA មិនយល់ស្របថាអាជីវកម្មឥណទាន ទិញលំនៅដ្ឋានមានការប្រកួតប្រជែងខ្លាំងនោះ ទេនាពេលឥឡូវនេះ។ ធនាគារនីមួយៗមានការ

ប្រុងប្រយ័ត្ទខ្ពស់អំពីការផ្តល់ឥណទាន ដោយ សារបទពិសោធន៍អាក្រក់ក្នុងឆ្នាំ២០០៤ ដូច្នេះ យើងផ្តល់ជូនឥណទាំនទៅក្នុងវិស័យនេះអា-ស្រ័យលើការវាយតមៃដោយប្រងប្រយ័ត្។ លោក Phillip Dews បាននិយាយថាគាត់បាន មើលឃើញការផល់ឥណទានមិនឆាតជាច្រើន បានកើតឡើង ដែលការទាមទារយកថវិកាមក វិញតាមរយៈប្រព័ន្ធតុលាការស្ទើរតែមិនអាច ទៅរួច។ គាត់បាននិយាយថា មានធនាគារ ជាច្រើនបុកបន្ថែមនូវអត្រាការប្រាក់ដែលមិន បានបង់ ហើយបង្កើនប្រាក់ឥណ៍ទានជាជាង រាយការណ៍ករណីនេះ ថាមានបញ្ហា។ សាធា-រណៈជននឹងភាក់ដឹងពីករណីនេះនៅអំឡុង ពេលឱនភាពអាជីវកម្មលើកក្រោយ។

ជាចុងក្រោយ គឺមានគំនិតសុទិជិនិយម ជាច្រើនជំវិញវ៊ីស័យនេះ ហើយធនាគារនានា នឹងនៅបន្ត់វិកចំរើនអាស្រ័យដោយសេដ្ឋកិច្ច បន្ទូល្បត្តលាស់ កំណើនចំណូលរបស់ប្រជា-ពល់រដ្ឋនិងស្ថិរភាពនយោបាយ់។ប៉ុន្តែធនាគារ ជាច្រើនក៏បានលើកឡើងថាមានបញ្ហាជាច្រើន ទៀតដែលត្រូវធ្វើ ដើម្បីធ្វើឲ្យបាកដថាការវិវឌ្ឍន៍ ដ៏ល្អនេះនឹងបន្តបានយូរអង្វែង ដូចជាការបង្កើត នូវប្រព័ន្ធចុះបញ្ជីអចលនទ្រព័្យដែលអាចជឿជាក់ បាន និងការបញ្ចុះអត្រាការប្រាក់ ដោយមនុស្ស ជាច្រើនទទួលស្គាល់ថានៅមានកម្រិតខ្ពស់ ណាស់៕

ដោយ ទឹម វត្តា



he coming sprawl resulting from Phnom Penh's satellite cities will bring about not only opportunities but also challenges for the population.

"Any urban area has to spread outside the main city areas so that it can keep up with the increasing demand for commercial land," said Chrek Soknim, deputy director at Vtrust Property Co. Ltd.

He said the price of land in busy central parts of Phnom Penh are rising annually, and some residents have sold their land and moved to suburban areas where housing prices are lower. The expansion of the urban area is an organic process, and helps ease traffic congestion in the center.

Soknim said once a satellite city is built, infrastructure development follows that benefits people living there. "People will move from the central areas and open up businesses that complement one another there," he said.

Members with middle or even low incomes could move out to suburban areas since the quality of life can be high and the cost of living lower. In addition, Soknim said, income possibilities are often good.

The population expansion into the outskirts of Phnom Penh can also be a good solution to the rising numbers of residents. Recent data from Phnom Penh Capital Hall says the current population is about 1.6 million, up from 1.4 million in 2008. Other sources put it at 2.2 million in 2012.

Soknim said the central areas of Phnom Penh can't accommodate all the inhabitants and satellite cities on the outskirts can ease overcrowding.

cities could take dozens of years.

Some satellite city projects, such as Diamond Island and Camko City, have begun to take shape, and could be said to be very successful. Occupation rates are not 100 percent, but people are moving in.

However, difficulty in accessing amenities and facilities is one of the biggest drawbacks. People don't want to travel long distances to access services.

But Soknim said, "The trend of the population's preferences towards relocating to the satellite cities is looming in the horizon." He thinks it could take seven to 10 years for a satellite city to be fully occupied.

"As we see, the Toul Sangker block is a good example," he said. "Immediately after its completion in 2000, not many people lived there. But a decade later, and now

Other projects, like Boeung Kak Lake and Chruy Changva City, will likely experience the same process.

However, the establishment of satellite In any event, satellite cities are growing quickly. The government approved US\$2.1 billion of construction projects in 2012, up from US\$1.2 billion in 2011, data from the Ministry of Land Management shows •

By Hoem Seiha

From:



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he boom in high-rise buildings in Phnom Penh reflects the Kinadom's robust economic growth, but this trend does not mean there is no longer a need for lowcost accommodation where those with modest incomes can put a roof over their heads, especially migrant workers.

"Low-rent accommodation plays a crucial role in providing appropriate housing to hundreds of thousands of people who spend less than US\$100 per month for their temporary stays in Phnom Penh," said Chrek Soknim, deputy director at Vtrust Property Co. Ltd.

The makeup of the urban population has become increasing fluid, partly due to the arrival of migrants from rural parts of Cambodia who come to study and work, not to mention expats and visitors. Some numbers put the capital's population at around 1.6 million, though other recent

Demand for Low Rents **Outstrips** Supply

sources suggest 2.2 million.

The latest data put the number of factory workers at around 50,000. Most have come from the provinces to work in Phnom Penh and Kandal province.

Soknim said the number of people coming for work and business in Phnom Penh increases every year, and the demand for rental accommodation, rooms or flats, is also on the rise.

"But the current supply of low-rent accommodation isn't meeting the demand," said Soknim, adding even though there is no clear data, recent figures from district reports put the number of rental accommodation at around 4.000 units. most of which are rooms that suit one to five people.

Vacancy is often short, less than a week.

"If a tenant leaves his rental room today,

you'll see a new tenant come to replace Ltd. and rents a small room near her him immediately," said Soknim.

The rent of US\$35-US\$100 per month is often shared by a group of tenants who come for their studies and factory work in Phnom Penh.

Phay Veasna, who hails from Prey Veng province, is studying at the University of Cambodia. His story is similar to that of many new arrivals. He rents a simple, 50-square-meter room with a zinc roof and pays US\$80 per month in rent.

Students are on a limited budget while studying, and even a low rent can be a big hurdle. Veasna therefore shares the room with four roommates, each of whom pays US\$20.

"Sometimes, the place is very noisy, but we have no choice," he said.

Ly Burat from Kampong Cham province works at M&V International Manufacturing workplace.

"Renting a cheap room, I can save a lot, and I can support my aged parents and younger sisters and brothers who are still at school," she said.

Observers say the quantity and quality of this rental sub-sector should be improved, primarily through investment. "Investors should study and invest to provide reasonable, secured rental services for lowand middle-class tenants," said Soknim.

Blocks of inexpensive rental accommodations are usually located near industrial sites, factories and universities and on the outskirts of Phnom Penh such as the Sen Sok, Russey Keo and Mean Chey districts, to name a few.

However, there is still a way to go before factory workers and laborers can enjoy a higher standard of living, as wages are still low. It's certain that low-cost rental

accommodations will be needed for many years.

Thailand has begun renting some public buildings (like small, cheap condos) to migrant laborers and less-well-off residents. This has helped ease housing shortages in Bangkok.

Offering proper public or private accommodations in less industrial locations to migrant labors and workingand middle-class populations could be a solution to the housing shortage and even ease some of the city's growing traffic congestion •

By Hoem Seiha

From:





PROPERTY | IN BRIEF JULY ~ AUGUST 2013 | ISSUE 004

CAMBODIA



coming increasingly under threat as owners choose to tear them down and put up new condos or other modern structures. Anne Lemaistre, head of UNESCO's place that require owners to preserve his-

s land prices increase in the that more than 50 percent of the heri-Phnom Penh, heritage properties tage structures along Norodom Boulevard such as French colonial villas are had disappeared. "With land being more valuable than property, developers prefer to destroy these houses and build condominiums." She would like laws put in Cambodia office, told the Financial Times torically significant properties or to sell

them to people who can. Dougald O'Reilly of Heritage Watch told the Phnom Penh Post that there has been a trend since the late 1990s to raze old buildings and erect more profitable properties. He argued that there is a responsibility on the part of authorities to retain some of the city's historical narrative



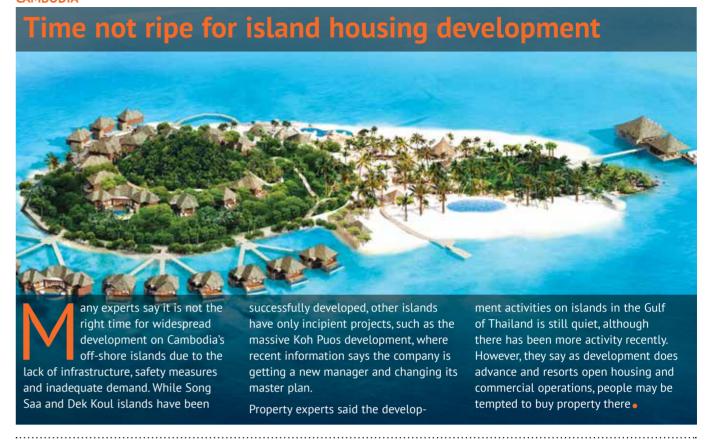
hnom Penh has climbed four places on the list of the most expensive cities for foreigners to live. According to the latest cost of living study by ECA International, the Kingdom rose from 217th to 213th place.

Tokyo, formerly the world's number one spot in terms of cost of living, was knocked off its perch by Norway's capital Oslo, and is now in sixth place. Coming in second was the Angolan capital Luanda, where the goods and services bought by expatriates are difficult to access and command a hefty premium. Stavanger in Norway, Juba in South Sudan and Moscow in Russia are also now more expensive than Tokvo.

Within Asia, Japanese cities still dominate

the top of the cost of living ranking - four of the region's top five most expensive locations are found there. The ECA International survey is conducted twice a year, comparing a basket of consumer goods and services commonly purchased by employees in more than 400 locations worldwide •

CAMBODIA



CAMBODIA

Property boom passing provinces by

hile the real estate sector is booming in Phnom Penh, property prices in the provinces have been stagnant. Land values in provincial cities such as Sihanoukville, Siem Reap and Battambang are around US\$800 to US\$1,300 per square meter, while in the central capital districts, they run between US\$3,500 to US\$4,500. Dith Channa of VMC Real Estate Cambodia told the Phnom Penh Post that investors are generally only interested in Phnom Penh because it is the country's main population center and has better infrastructure development. Sihanoukville and Siem Reap are popular for hotels and questhouses. However, demand in the provinces could pick since foreign companies are looking for large swaths land to plant rubber trees and set up other agricultural operations •



PROPERTY | IN BRIEF

CAMBODIA

One-third of River Town properties already sold

round 30 percent of the units in the US\$30 million River began in Ma Town residential project on the Chroy Changva peninsula behind the role tomers, according to Teng Rithy, the project's general manager. River Town is located along National Road 6, 800 meters from the Chroy Changva bridge.

It will contain 70 luxury flats and about 40 single and began in Ma began in Ma behind the role good location workmanship. It will contain 70 luxury flats and about

40 single and twin villas. Construction began in May and completion is set for 2015. Teng Rithy said the reasons behind the robust sales are the project's good location close to central Phnom Penh, building design and high-quality workmanship. A two-and-a-half room flat is priced between US\$140,000 and US\$490,000



CAMBODIA

House prices jump up to 20 percent in first quarter

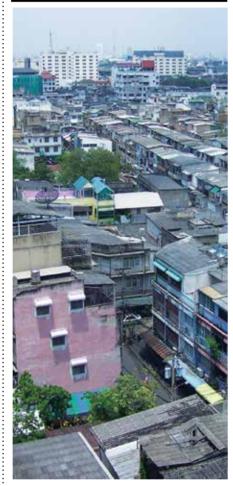


ouse prices in the Cambodian capital jumped between 10 and 20 percent in the first quarter of 2013 on the backs of an increasing population, a stable, growing economy and optimism about real estate, experts told the Phnom Penh Post. Dith Channa of VMC Real Estate Cambodia said the price of flats and villas has increased between 10 and

15 percent during the first three months of 2013 compared to the same period last year. Kim Heang of Khmer Real Estate said housing prices of between US\$100,000 and US\$200,000 had jumped by 20 percent. Experts expected the price climb to continue in 2014 as demand stays strong and to stretch into 2015 as the ASEAN economic integration plan sets to launch.

THAILAND

Property boom in Bangkok suburbs



ue to a sharp increase in land prices, the cost of new condominiums in eastern and western Bangkok rose 11.8 percent during the first quarter of 2013. The average price was US\$1,996 per square meter according to Risinee Sarikputra of Knight Frank Chartered (Thailand) Co. The area in question includes upper Sukhumvit, Thon Buri and Srinakarin, Chaeng Watthana, Kadet-Nawamin and Phetkasem roads. She said the focus of many developers was on the periphery where construction has begun on new mass-transit routes. However, the price of condos in the central business district also rose in the first quarter some 7.1 percent, mostly driven by new premium projects .

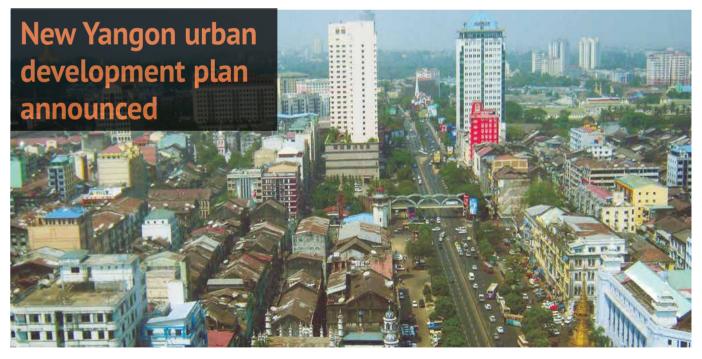
CHINA

China to study US property investments, sources say

hina might invest some of its US\$3.5 trillion foreign-exchange reserves in US real estate, according to Bloomberg News, who spoke to people with direct knowledge of the plan. China could acquire property, invest in real estate funds or buy stakes in property companies, the sources said, who asked to remain unnamed since they were not authorized to speak publicly on the issue. The decision comes after the US property market shows signs of recovery after a long slump. Prices for single-family homes increased in 89 percent of US cities in the first quarter of 2013. The safety of the investments would be a top priority. The China Investment Corp., the sovereign wealth fund set up in 2007 to seek higher returns for part of the country's reserves, is adding assets such as infrastructure and real estate to its portfolio.



MYANMAR



he government in Myanmar announced in May a new master plan for Yangon's urban development to tackle a sharp rise in population. The plan aims to decentralize the city's central business district by shifting it outward, similar to Singapore's

"Green Isle System," the Bangkok Post reported. Planners will begin construction of an outer green belt with 10 hubs, six "sub-centers and four "new town cores." The plan is to avoid overconcentration in the center, as city authorities estimate the city will double in population by 2040. A

second central business district is planned for the area near Yangon International Airport to alleviate an already staggering population density. While Yangon's population stood at one million in 1950, by 1995 it had tripled to 3 million and estimates are it will be 10 million by 2040 •

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CLASSIFIEDS | EVENT JULY ~ AUGUST 2013 I ISSUE 004

EVENT | CAMBODIA



CAMBODIA'S BIGGEST INTERNATIONAL BUILDING & CONSTRUCTION INDUSTRY SHOW A CONFERENCE CAMBODIA INTERNATIONAL BUILDING & CONSTRUCTION INDUSTRY SHOW A CONFERENCE

CAMBUILD 2013 EXPO NEWS: BUILDING BOOM IN CAMBODIA

The Cambodian economy is firmly back on track as indicated by the strong growth in the building and construction industry with demand for building materials rising sharply.

In the first nine months of 2012, the Ministry of Land Management, Urban Planning and Construction of Cambodia granted certificates to a record 1,350 construction projects with total investment capital of US\$1.8 billion. These projects include factories, hotels, commercial houses and high-rise buildings.

The building and construction sector will continue to be a major driver of the Cambodian economy in 2013. It's time to take advantage of this growth.

Book your booth at CAMBUILD 2013 - the 3rd Edition of Cambodia's Biggest International Building & Construction Exhibition & Conference which will be held from 10-12 September 2013 at the Diamond Island Convention Centre, Phnom Penh. Supported by the Ministry of Land Management, Urban Planning and Construction and the Board of Engineers, CAMBUILD 2013 is the only business-to-business tradeshow that delivers over 8,000 industry professionals.

Join over 250 exhibitors including Pavilions from China, Malaysia, Singapore, Taiwan and Korea at CAMBUILD 2013 - Cambodia's No.1 international Building & Construction Show.



CAMBODIA Cambodia Property PROPERTY EXPO 2013

Cambodia Property Expo 2013 is scheduled on the 10 -12 September 2012 at the Diamond Island Exhibition and Convention Center, aiming to offer real estate developers the ideal opportunity to market properties including landed houses, condos and apartments, shop houses, shopping complex and commercial or office building.

The exhibition is also a platform for developers, real estate companies, agent, bank and financial institutions to sell their products and services to over 10,000 buyers. The Cambodia Property Expo 2013 will include:

- -The Biggest Showcase of Residential and Commercial in Cambodia
- -'Fena Shui' Talk
- -Property Investment Seminar
- -Financing and Loans
- -Seminar on Home Design and future Trends The expo 2013 is organized by AMB Events (Cambodia) Pte Ltd., a leading exhibition and conference organizer headquartered in Malaysia.



CIVAR '13 – Cambodia's 1st International Ventilation, Air Conditioning and Refrigeration Exhibition & Conference 2013, which will be held at the prestigious Diamond Island Convention & Exhibition Center from 10-12 September 2013 is where you can harness these business opportunities.

This inaugural event is expected to bring together over 10,000 trade buyers and decision makers representing M & E Engineers, building consultants, contractors, architects, developers, maintenance managers, manufacturers, facilities managers & distributors/retailers. This business-to-business event is where they come to purchase and source for new supplies and equipment, create new business partnerships, and network with industry leaders.

In addition to the Expo, the CIVAR 2013 Conference will held to provide HVAC professionals with an opportunity to be updated on the latest issues, trends and developments.

CIVAR '13, which is endorsed by the Ministry of Commerce and supported by the Ministry of Land Management Urban Planning and Construction and the Board of Engineers, Cambodia is the ideal marketing platform to reach out to the booming HVAC industry in Cambodia.

Phnom Penh will host the 1st International Power Generation, Transmission, Distribution & Electrical Engineering Exhibition & Conference - CAMENERGY'13 at the prestigious Diamond Island Convention & Exhibition Center from 10-12 September 2013. As Cambodia's economy continues to grow, the demand for electricity has seen significant increase. The Government has initiated a number of projects in power generation, transmission and distribution to address this issue. At the same time, the building and construction industry is experiencing strong growth and has generated huge demand for M&E supplies and services. CAMENERGY' 13 Exhibition & Conference is staged to provide a marketplace for suppliers to connect to key decision makers including Government officials, Utilities, Developers, Consultants, Electrical Engineers, Architects, M&E Engineers, Contractors, Installers and Retailers/Suppliers.

Endorsed by the Ministry of Commerce and supported by the Board of Engineers, Cambodia, CAMENERGY '13 is the biggest industry gathering, bringing together over 7,000 professionals to source for new technology & supplies and equipment, seek business partnerships and network. Held concurrently with the Exhibition is the Cambodian Power & Electricity Conference 2013 themed 'Powering the Future Development of Cambodia' where top international speakers will be invited to share knowledge and experience

EVENT CALENDAR | ASIA

: PALME Asia 2013 Event name

Start date : July/17/2013 End date : July/19/2013

Location : Marina Bay Sands, Singapore Organizer : Infoma Exhabitions Pte Ltd : the 27th edition, is South-east Asia's most established international professional audio, lighting, AV, systems Details

integration, music software and entertainment technology exhibition. The PALME Asia series of shows have since year 2000

been on a circuit around Asia, and they are back in Singapore this year!

Event name : The Architecture and Built Environment (ABE)

: July/31/2013 : Agust/02/2013 Start date End date Location : Singapore Expo, Singapore Organizer : Sphere Exhabits

: The Architecture and Built Environment (ABE) series of events is organized by Sphere Exhibits for the built Details environment. Under the flagship of BuildTechAsia2013, 4 shows integrate as ONE unique platform to serve the key growth sectors across various industries and address the challenging trends of urbanization. Together with InterDecAsia2013, AsiaLightin q2013 and FMSE2013, the series is held during the Singapore Construction Productivity Week. Bringing together the regional community and international brands, be a part of this sourcing, networking, learning and competition platform from 31 July - 2 August, 2013, at the Singapore EXPO.

Event name : Secutech Vietnam 2013

Start date : Aug/08/2013 End date : August/10/2013 Location : Saigon Exhibition & Convention Center Organizer :Messe Frankfurt (SECC), Ho Chi Minh City, Vietnam

: Going onto the 6th year, Secutech Vietnam continues to be the No. 1 choice for manufacturers & distrib-Details utors of security and safety products from local and around the world to connect and explore new business opportunities in Vietnam.

Event name : Building & Infrastructure Indonesia 2013

: Sep/04/2013 : Sep/07/2013 Start date End date

Location : Jakarta International Expo. Organizer : PT Pamerindo Indonesia

Kemavoran Jakarta

Details : The 17th International Series of Building, Construction and Infrastructure Development Exhibitions. Building & Infrastructure Indonesia is the established exhibition for building materials, construction equipment, interiors, ceramics, marble & granite, trucks and specialist vehicles. The rapid growth in the property sector and a new program of government sponsored infrastructure projects is driving the demand for building materials and equipment.

Event name : Electric, Power & Renewable Energy Indonesia 2013

Start date : Sep/04/2013 End date : Sep/07/2013

Location : Jakarta International Expo, Organizer : PT Pamerindo Indonesia

Kemayoran Jakarta

: The 16th Electric, Power & Renewable Energy Indonesia Series of Power Generation, Renewable Energy & Details Electrical Equipment Exhibitions. For power generation, transmission and distribution, renewable energy and installation equipment Electric Indonesia is South East Asias most comprehensive exhibition. To meet soaring demand the government plan to increase power generation by 35,000 MW by 2015. Until then businesses, factories, shopping malls, school, ports and airports must invest in back-up generators and on site power systems.

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EVENT CALENDAR | ASIA

Event name : IFSEC Southeast Asia 2013

Location : Kuala Lumpur Convention Centre, Malaysia **Organizer** : UBM

Details : IFSEC Southeast Asia 2013 (Commercial security, Fire and Safety) will be held on 11 - 13 September 2013 at Kuala Lumpur Convention Centre, and is the only security event that brings together the entire international security buying chain. A total of 12,787 trade visitors will include overseas delegates registered for ISF 2010. Over RM14 million worth of business is expected to be generated during the exhibition.

Event name : BEX Asia

Start date: Sep/11/2013End date: Sep/13/2013Location: Marina Bay Sands Expo & Convention,Organizer: Reed Exhibitions

Singapore

Details : BEX Asia is Southeast Asia's premier business platform for the sustainable built environment. It provides a one-stop sourcing solution for cutting-edge technologies in building design and architecture for the future of greener communities. It is an event that enhances your insights and competitive edge into the world of Build Green. BEX Asia brings together skilled professionals, key industry practitioners, specifiers and buyers from the region, to network and create business opportunities to build greener communities for a greener future.

Event name : Greenbuild Asia

Start date: Sep/17/2013End date: Sep/19/2013Location: Putra World Trade Centre, MalaysiaOrganizer: AMB Exhibitions

Details : Greenbuild Asia is now incorporated in Ecobuild Southeast Asia, the world's biggest portfolio for sustainable design, construction and the built environment, the exhibition is expected to double in size and will be pack with more new innovations, product launches and business opportunities as it moves to a larger venue – the Putra World Trade Centre. With a credible and established reputation, Ecobuild offers a viable gateway into the Southeast Asian market for sustainable construction. The event will distil the key components of Ecobuild in the UK to deliver an unrivalled launch pad for local and international suppliers of low carbon technologies and materials to test entry and position their brand in this buoyant emerging region.

Event name : Beijing International Construction Machinery Exhibithion & Seminar 2013

Start date : Oct/15/2013 End date : Oct/18/20

Location : Jiu Hua International Exhibition Center, Organizer : BICES 2013 Organising Committee

Beijin, China

Details: Hanley Wood, LLC, owner and producer of the World of Concrete exhibition, will launch World of Concrete India, which will debut in October 2013 at Hall 2 of the HITEX Exhibition Centre in Hyderabad, India. With a booming construction industry, India has been in the process of modernizing its infrastructure including highways, bridges, airports, ports, metro and mono rails, power and projects. India serves as the perfect host for the well-known World of Concrete brand and the benefits it offers to exhibitors, attendees and the surrounding communities.

Event name : Japan Home & Building Show 2013

Location : Tokyo International Exhibition Center Organizer : Japan Management Association

(Tokyo Big Sight) in the city of Tokyo.

Details: Concrete Show South East Asia is the leading event in Indonesia for the concrete industry. The exhibition, together with a conference programme, will bring together buyers and suppliers to experience and interact with a full range of concrete products and services, enhance industry knowledge and engage in ground breaking discussion. With concrete at the heart of most construction projects, being part of a dedicated event in the South East Asia region is a must.

EVENT | CAMBODIA

Event name : Concrete Show South East Asia

Location : Jakarta International Expo, Indonesia Organizer : UBM

Details: Concrete Show South East Asia is the leading event in Indonesia for the concrete industry. The exhibition, together with a conference programme, will bring together buyers and suppliers to experience and interact with a full range of concrete products and services, enhance industry knowledge and engage in ground breaking discussion. With concrete at the heart of most construction projects, being part of a dedicated event in the South East Asia region is a must.

Event name: PALME / INSTALL / Broadcast & Media Tech Vietnam 2013

Location : Ho Chi Minh City , Vietnam Organizer : Informa Exhibitions Pte Ltd

Details : IFSEC Southeast Asia 2013 (Commercial security, Fire and Safety) will be held on 11 - 13 September 2013 at Kuala Lumpur Convention Centre, and is the only security event that brings together the entire international security buying chain. A total of 12,787 trade visitors will include overseas delegates registered for ISF 2010. Over RM14 million worth of business is expected to be generated during the exhibition.

Event name : Oil & Gas Indonesia 2013

Location : Jakarta International Expo, Indonesia Organizer

Details : The 9th International Oil and Gas Exploration, Production and Refining Exhibition. Oil and Gas Indonesia is one of the most heavily attended events in Asia and for over a decade it has provided an excellent gateway to the vast opportunities offered by Southeast Asia's largest economy. OGI runs alongside the larger Energy series of events in Jakarta which take place in the same venue, during the same dates. The Energy Series features 11 specialised exhibitions including Marine, Electric, Mining, Power and Renewable Energy Indonesia. In the past this combination of events has been extremely successful due to the high amount of cross-over between industries within the energy sector.

Event name: Marine Indonesia 2013

Location : Jakarta : Jakarta International Expo

Details: The 16th International Marine, Shipping, Port Equipment and Cargo Handling Exhibition. Many of the challenges faced by the Indonesian petroleum industry will require leading edge technology to ensure its survival. In addition, existing plant and equipment need to be maintained and upgraded to extend their working life for as long as possible. Marine Indonesia 2013 (alongside Oil & Gas Indonesia 2013) will provide the perfect opportunity for you to promote your company's products to the Marine Indonesian petroleum industry.

Event name : International Tradeshow for Green Technologies & Innovations in Lighting
Start date : Nov/13/2013 End date : Nov/15/2013
Location : Thailand Organizer : the Oueen Sir

Location : Thailand : Thailand : the Queen Sirikit National Convention

Details : Thailand Convention and Exhibition Bureau (TCEB) as an official supporter in association with N.C.C.

Exhibition Organizer Co., Ltd. (NEO), the sole organizer of EcoLightTech Asia 2013 are pleased to provide incentives for those who organizes a trade mission of "at least 15 persons" from the same country to visit EcoLightTech Asia 2013 during 13-15 November 2013 in Bangkok by reimbursing cash-back support of 100 US Dollars per visitor recruited (min. 15 persons x 100 dollars = 1,500 US dollars).

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Villa at Tunle Bassac: Bedroom 4, Bathroom 5, Parking 2 វិទ្យានៅសង្កាត់ទន្លេ បាសាក់: បន្ទប់គេង៤, បន្ទប់ទឹក៤, ចំណតឡាន២។

5,000 (TBS-Ref:CPL2082)

Villa at Tunle Bassac: Bedroom 5,

Bathroom 5, Parking 4 វីឡានៅសង្កាត់ទន្លេ បាសាក់: បន្ទប់គេង៥, បន្ទប់ទឹក៥, ចំណតឡាន៤។

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Villa at Tuol Tom Pong II: Bedroom 6,

Bathroom 6, Parking 4 , វិទ្យានៅសង្កាត់ទូល ទំពុង២, បន្ទប់គេង៦, បន្ទប់ទឹក៦, ចំណតឡាន៤។

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D2,000 (TTP2-Ref:CPL7219)

Villa at Tuol Tom Pong II: Bedroom 5,

Bathroom 7, Parking 8 . វិទ្យានៅសង្កាត់ទូល

ទំពួង២, បន្ទប់គេង៥, បន្ទប់ទឹក៧, ចំណត់ទ្យាន់៤។

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USD1,500 (BTK-Ref:CPL7902)

Villa at Boeng Trabek: Bedroom 8,

Bathroom 5, Parking 3 . វីឡានៅសង្កាត់បឹង

ត្របែក, បន្ទប់គេង៥, បន្ទប់ទឹក៧, ចំណតទ្យាន៍៣។

USD2,000 (TTP2-Ref:CPL7226)

USD2.500 (TBS-Ref:CPL6809)

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0 (BR-Ref:CPL7303) Villa at Boeung Raing: Bedroom 7, Bathroom 7, Parking 10 វិទ្យានៅសង្កាត់បឹងរាំង បន្ទប់គេង៧, បន្ទប់ទឹក៧, ចំណត់ឡាន១០។



JSD3,500 (BKKI-Ref:CPL7309) Villa at Boeng Keng Kang I: Bedroom 7, Bathroom 7, Parking 5 វីឡានៅសង្កាត់បឹងកេង កង១ : បន្ទប់គេង៧, បន្ទប់ទឹក៧, ចំណត់ទ្យាន៥។



JSD6.000 (BKKI-Ref:CPL6809) Villa at Boeng Keng Kang I: Bedroom 8, Bathroom 8, Parking 6 វីឡានៅសង្កាត់បឹងកេង កង១ : បន្ទប់គេង៨, បន្ទប់ទឹក៨, ចំណត់ឡាន៦។



USD5,500 (BKKI-Ref:CPL4744) Villa at Boeng Keng Kang I: Bedroom 18 Bathroom 20, វិទ្យានៅសង្កាត់បឹងកេងកង១ : បនប់គេង១៨, បន្ទប់ទឹក២០, ចំណិតទ្យាន...។

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USD1,600 (BKI-Ref:CPL5888) Villa at Boeng Kak I: Bedroom 8, Bathroom 5, Parking 5 . វីឡានៅសង្កាត់កក១, បន្ទប់គេង៥, បន្ទប់ទឹក៧, ចំណតឡាន៥។



JSD2,700 (BK2-Ref:CPL5722) Villa at Boeng Kak I: Bedroom 7, Bathroom 8, Parking 6. វីឡានៅសង្កាត់បឹងកក ២, បន្ទប់ គេង៥, បន្ទប់ទឹក៧, ចំណតឡាន៥។



5D2,000 (BKKI-Ref:CPL4240) Villa at Boeng Keng Kang I: Bedroom 6, Bathroom 2,Parkingវិទ្យានៅសង្កាត់បឹងកេង កង១, បន្ទប់គេង៦, បន្ទប់ទឹក២, ចំណត់ឡាន...។



JSD2,500 (TL3-Ref:CPL7050) Villa at Toek Laak III: Bedroom 8, Bathroom 8, Parking ... វិទ្យានៅសង្កាត់បឹងកេង កង១, បន្ទប់គេង៦, បន្ទប់ទឹក២, ចំណតឡាន...។



000 (BKKI-Ref:CPL4196) Villa at Boeng Keng Kang I: Bedroom 10, Bathroom 5, Parking ... វិទ្យានៅសង្កាត់បឹងកេង កង១, បន្ទប់គេង១០, បន្ទប់ទឹក៥, ចំណត់ឡាន...។



00 (BKKI-Ref:CPL7200) Villa at Boeng Keng Kang I: Bedroom 6, Bathroom 6, Parking 3 វីឡានៅសង្កាត់បឹងកេង កង១, បន្ទប់គេង៦, បន្ទប់ទឹក៦, ចំណតឡាន៣។



JSD3,200 (BKKIII-Ref:CPL7162) Villa at Boeng Kak I: Bedroom 10, Bathroom 10, Parking 6 . វិទ្យានៅសង្កាត់បឹង កេងកង៣, បន្ទប់គេង១០, បន្ទប់ទឹក១០, ចំណត៦។



USD 2,500 (TRS-Ref-CPI 7045) Commcerial house at Tunle Bassac: Bedroom 6, Bathroom 6 . ផ្ទះល្វែងនៅទន្លេបា សាក់, បន្ទប់គេង៦, បន្ទប់ទឹក៦, ចំណតឡាន...។



00 (TTP2-Ref:CPL7219) Villa at Toul Tom Pong II: Bedroom Bathroom 7,Parking 4.វីឡានៅសង្កាត់ទូលទំពុង ២, បន្ទប់គេង៥, បន្ទប់ទឹក៧, ចំណតឡាន៤។



USD12,000 (TNT-Ref:CPL6977) Office building at Tomnub Toek: Room 50, Bathroom 10, Parking... អគារ ជួលនៅសង្កាត់ទំនប់ទឹក, បន្ទប់៥០, បន្ទប់ទឹក១០,។



USD1,500 (TL3-Ref:CPL7023) Building at Toek Laak 3: Room 5, Bathroom 5, Parking... វីឡានៅសង្កាត់ទឹកល្អក់៣, បន្ទប់៥, បន្ទប់ទឹក៥, ចំណតឡាន...។



USD2,000 (TTP2-Ref:CPL7226) Villa at Tuol Tom Pong 2: Bedroom 6, Bathroom 6, Parking 6 វីឡានៅទូលទំពុង២, បន្ទប់គេង៦, បន្ទប់ទឹក៦, ចំណតឡាន៦។





023 213 666

011 611 333

JSD170,000 (TL3-Ref:CPL7258) Flat at Toek Laak 3: 2 Storey, Bedroom 5. Bathroom 6, (4m*20m) ផ្ទះល្វែងនៅទឹកល្អក់៣ ២ជាន់, បន្ទប់គេង៥, បន្ទប់ទឹក៦, (4ម*20ម)។



USD650.000 (BK2-Ref:CPL5299) Land at Boeung Kak 2: Size (17m*38m) ដីលក់នៅសង្កាត់បឹងកក់ ២ : ទំហំ (17ម*38ម)។



USD750.000 (BK2-Ref:CPL6040) Land at Boeng Kak 2: Size (20m*30m) ជីលក់នៅសងាត់បឹងកក់ ២ : ទំហំ (20ម *30ម)។



USD700,000 (BK2-Ref:CPL4888) Small villa at Boeng Kak 2: Land Size (20m*30m) វីឡាតឿនៅសង្កាត់បឹងកក់ ២ : ជីទំហំ (20ម *30ម)។



000 (BK2-Ref:CPL5206) Villa at Boeng Kak2: 2 Storey, Bedroom 5, Bathroom 5, Land size (16m*25m), , ទ្យានៅបឹងកក់២: ២ជាន់, បន្ទប់គេង៥, បន្ទប់ទឹក៥។



SD900.000 (BKI-Ref:CPL2371) Villa at Boeng Kak I: 2 Storey, Bedroom 4, Bathroom 5, Land size (20m*30m), ឡែ្បនៅបឹងកក់១: ២ជាន់, បន្ទប់គេង៤, បន្ទប់ទឹក៥, ទំព័ (20ម *30ម)។



,000 (PPT-Ref:CPL5067) Villa at Phnom Penh Thmey: 2 Storey, Bedroom 5, Land size (15m*25m), វិទ្យា នៅភ្នំពេញថ្មីៈ ២ជាន់, បន្ទប់គេង៧, បន្ទប់ទឹក៥។



USD160,000 (PPT-Ref:CPL7285) Land at Phnom Penh Thmey: Land size (20m*25m), ដីលក់នៅភ្នំពេញថ្មី: ទំហំដី (20t *25t) ។



USD800/m² (BK2-Ref:CPL757) Warehouse at Boeng Kak 2: Land size (60m*80m), ឃ្លាំងនៅបឹងកក់២ៈ ទំហំជំ 60# *80#) ។



USD500,000 (BK2-Ref:CPL3293) Warehouse at Boeng Kak 2: Land size 521sqm, ជីលក់នៅបឹងកក់២: ទំហំជី 521ម²។



JSD390.000 (TPP1-Ref:CPL7337) Small villa at Tuol Tom Pong 1: Land size (10.5m*24m), វិទ្យាធឿនៅទូលទំពូង១: ទំហំ ដី (10.5ម *24ម) ។



USD850,000 (TSP1-Ref:CPL6931) Small villa at Tuol Svay Prey 1: 2 Storey, Bedroom 5, Bathroom 5, Land size (12m*22m), វីឡានៅទូលស្វាយព្រៃ១: ២ជាន់, បន្ទប់គេង៥, បន្ទប់ទឹក៥, ទំហំ (១២ម*២២ម)។



USD250.000 (TL3-Ref:CPL7138) Small villa at Toek Laak 3: 2 Storey, Bedroom 5, Size (4.2m*15m), ផ្ទះល្វែងនៅទឹក-ល្អក់៣ៈ ២ជាន់, បន្ទប់គេង៥, (4.2ម*15ម)។



SD1,300,000 (BK2-Ref:CPL2958) Villa at Boeng Keng Kang 1: 2 Storey, Bedroom 5, Bathroom 5, Land size (17m*33m), វីឡានៅបឹងកេងកង១: ២ជាន់, បន្ទប់គេង៦, បន្ទប់ទឹក៥, ទំហំ(17ម*33ម)។



JSD1.200.000 (BKK1-Ref:CPL2333) Villa at Boeng Keng Kang 1: 2 Storey, Bedroom 4, Bathroom 6, Land size (18.5m*27m), វីឡានៅប៉ឹងកេងកង១: ២ជាន់, រន្ទប់គេង៤, បន្ទប់់ទឹក៦, ទំហំ(18.5ម *27ម)។



000 (BR-Ref:CPL1873) Villa at Boeng Raing: 2 Storey, Bedroom 5, Land size (18m*32m), វីឡានៅបឹងរាំងៈ ២ជាន់, បន្ទប់គេង៥, ទំហំជី(18ម*32ម)។



USD515,000 (BK2-Ref:CPL7160) Land at Boeung Raing 2: Size (515sqm) ដីលក់នៅសង្កាត់បឹងរាំង : ទំហំជី (515មេ)។



0,000 (PPT-Ref:CPL5067) Villa at Phnom Penh Thmey: 2 Storey, Bedroom 5, Land Size (20m*30m) វីឡា លក់នៅភ្នំពេញថ្មី: ២ជាន់, ដីទំហំ (20ម*30ម)។



JSD2,000,000 (BKK1-Ref:CPL662) Villa at Boeng Keng Kang 1: 2 Storey, Bedroom 4, Land Size (17m*28m) វីឡា នៅបឹងកេងកង១: ២ជាន់, ដីទំហំ (17ម*28ម)។



USD260,000 (BTK-Ref:CPL6884) Villa at Boeng Tra Bek: 3 Storey, Bedroom 5, Size (4m*19m) ផ្ទះល្វែងនៅបឹង់ត្របែកៈ ៣ជាន់, ផ្ទះទំហំ (4ម*19ម)។



(CMT-Ref:CPL691) Villa at Chak Tomuk: 2 Storey, Bedroom 6, Land size (20m*30m), វីឡានៅចតុមុខ ២ជាន់, បន្ទប់គេង៦, ទំហំដី (20ម *30មី)។



80,000 (BK2-Ref:CPL6363) Villa at Boeng Kak 2: 2 Storey, Bedroom 4, Land size (20m*26m), វិទ្យាបឹងកក២: ២ជាន់, បន្ទប់គេង៤, ទំហំជី (20ម*26ម)។



,000 (BK1-Ref:CPL4027) Villa at Boeng Kak 1: 2 Storey, Bedroom 4, Land size (402sqm), វីឡាបឹងកក១: ២ជាន់, បន្ទប់ផេង៤, ទំហំដី (402ម^២)។



USD600,000 (PDT-Ref:CPL7236) Villa at Phsa Deum Tkov: 2 Storey, Bedroom 4, Land size (23m*23m), វិទ្យានៅផ្សារដើមថ្កូវ ២ជាន់, បន្ទប់គេង៤, ទំហំដី (238 *238) ។



JSD1.000.000 (BTP-Ref:CPL3420) Villa at Boeng Tum Pun: 2 Storey, Bedroom 4, Land size (16m*30m), វីឡានៅបឹងទំពុនៈ ២ជាន់, បន្ទប់គេង៤, ទំហំដី



USD1,000,000 (BTP-Ref:CPL3420) Villa at Boeng Tum Pun: 2 Storey, Bedroom 4, Land size (16m*30m), វិទ្យានៅបឹងទំពុនៈ ២ជាន់, បន្ទប់គេង៤, ទំហំជី (168 *308) 9



20,000 (PDP1-Ref:CPL5048) Flat at Psar Depo 1: 2 Storey, Bedroom 5, Size(4m*27m) ផ្ទះល្វែងនៅផ្សារដើប៉ូ៣ ២ជាន់។

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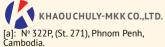
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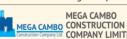
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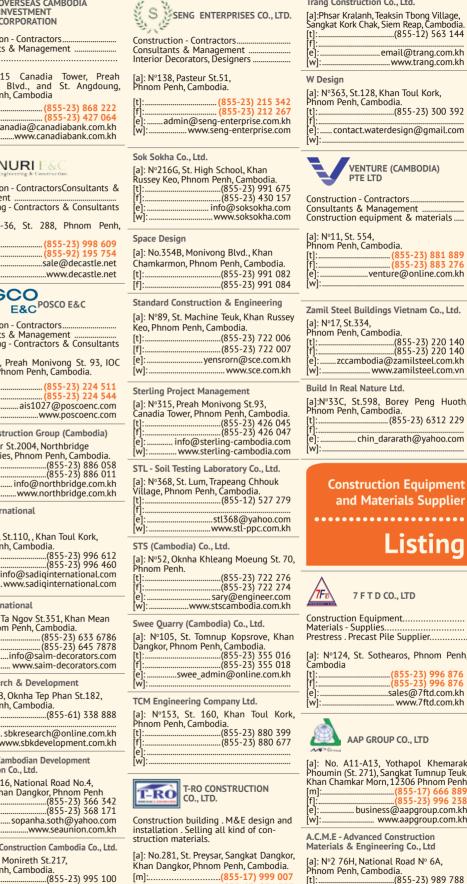
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1 1 h	Concrete Batching Plant, Mobile Mixer & Pump [a]: N°129-131, Monireth St. 217, Phnom Penh, Cambodia.	[f]:sales@lay-green.com [w]:www.lay-green.com	MONG RETHTHY GROUP CO., LTD. Construction - Contractors Consultants & Management
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1	[f]:(855-23) 555 1216 [e]:kaceconsult@gmail.com [w]:www.kaceconsult.com	[e]:lbLinternational@lbl-group.cpm [w]:www.lbl-group.com Liv Construction Import Export Co., Ltd.	MUHIBBAH ENGINEERING (CAMBODIA) CO., LTD. Construction - Contractors
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Cambodia. [[t]: (855-23) 215 198 [f]: (855-23) 222 367 [e]: sales@kh.sika.com [w]: www.sika.com	[a]: No.48, National Road No. 4, Sangkat Chom Chao, Khan Posen Chey, Phnom Penh, Cambodia. [t]:(855-23) 729 217
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[a]. N 20, 31.114, 31.07, Fillion Felli, [t]:(855-23) 999 000 [f]:(855-23) 221 310	Morn, Phnom Penh, Cambodia. [t]:(855-23) 218 866 [f]:(855-23) 220 108	[t]: [f]:em

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BMW Model 2013 X6 ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 ក្រៅខ្មៅ (Black) ក្នុងខ្មៅ (Black)



Rang Rover Sport 2006 HSE ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 TDV6 ក្រាំខ្មៅ (Black) ក្នុងលឿង (Beige)ge)



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Rang Rover Sport 2006 HSE ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 TDV6 ក្រៅខ្មៅ (Black) ក្នុងលឿង (Beige)



ម៉ាស៊ីនម៉ាស៊្លិត (Diesel) 4.5 V8 ក្រៅខ្មៅ (Black) ក្នុងលឿង (Beige)



BMW Series 730d 2010 ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 ក្រៅខ្មៅ (Black) ក្នុងខ្មៅ (Black)



Rang Rover Sport HSE 2010 ម៉ាស៊ីនម៉ាស៊ីត (Diesel) 3.0 TDV6 ក្រៅខ្មៅ (Black) ក្នុងខ្មៅ (Black)



Rang Rover Evoque 2012 ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 TDV6 ក្រៅស (White) ក្នុងត្នោត (Brown)



BMW Series 730d 2012 ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 TDV6 ក្រៅខ្មៅ (Black) ក្នុងខ្មៅ (Black)



Land Cruiser Prado 2010 ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 V6 ក្រៅស (White) ក្នុងខ្មៅ (Black)



Toyota Land Cruiser 2003 VIP ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 4.2 TDV6 បៃតងចាស់(Green) ក្នុងលឿង (Beige)



ម៉ាស៊ីនម៉ាស៊ូត (Gasoline) 3.5 ក្រៅស (White) ក្នុងលឿង (Beige)



ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 ក្រៅស (White) ក្នុងខ្មៅ (Black)



ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 ក្រៅស (White) ក្នុងខ្មៅ (Black)



ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 3.0 ក្រៅខ្មៅ (Black) ក្នុងខ្មៅ (Black)



ម៉ាស៊ីនម៉ាស៊ូត (Diesel) 4.5 TDV8 ក្រៅស (White) ក្នុងខ្មៅ (Black)



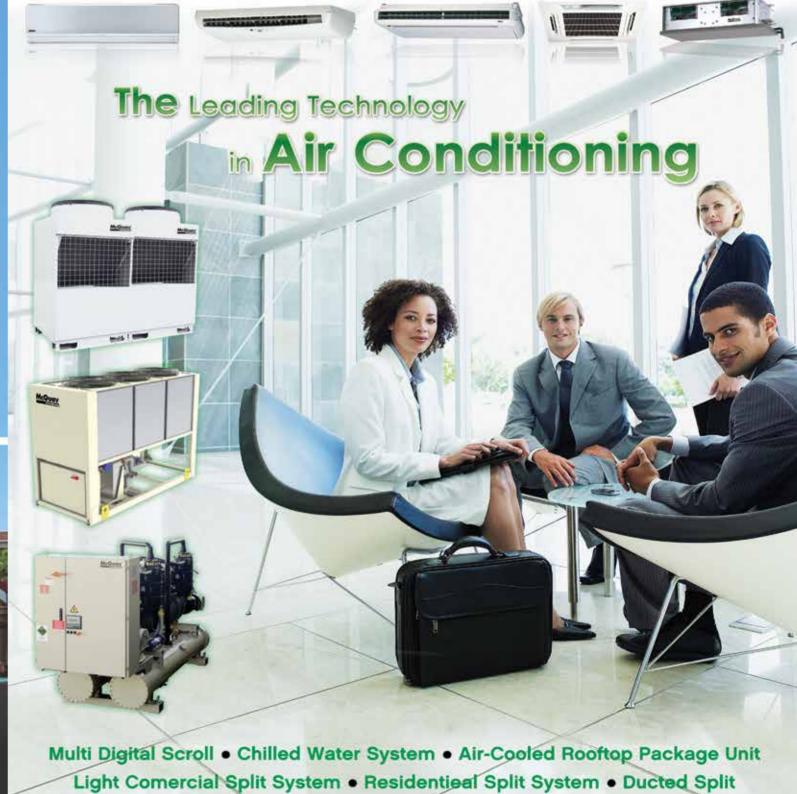
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