



Sun Fook Kong Construction Group

新福港建設集團

Since 1948



新福港通訊2020

Sun Fook Kong Newsletter 2020

(English Version)

善用
創新科技
打造測量新模式

Create new pattern of surveying
with innovative technology

2020



Social Capital Builder Awards
2018-2020
社會資本動力獎



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Management Message



Mr. Alan Chan

Chairman, Managing Director of the Group and Executive Director
Sun Fook Kong Construction Group

With the outbreak of the social unrest and then the corona virus pandemic, I would say this is a challenging year for every industry, let alone the construction industry. In such a hard time, budget controlling is our priority to minimize the impact to the company, as well as the staff, and also upkeep our competitiveness. I believe that we can surf over waves together.

Recently, we have applied for the Anti-Epidemic Fund which was launched by the Hong Kong Government. Also, we have participated in the Construction Caring Campaign which was held by Construction Industry Council(CIC). Our staff especially the frontline workers were able to receive epidemic prevention supplies and monetary support under the schemes which could relieve some of their worries and burden.

According to "The 2020-21 Budget", the Hong Kong Government will continue to invest in infrastructure projects with a view of building a better city and improving quality of life. In the coming years, the annual capital works expenditure is expected to reach \$100 billion on average, and the annual total construction output will increase to around \$300 billion. Though we are facing different challenges at the moment, I believe that there will be new opportunities. Therefore, I hope all of us can stay committed to our work and get over the hard time together. Remember to wear a mask and wash hands frequently in order to keep your personal hygiene. Let's have a clean, hygienic and safe workplace!

Theme of the issue

Create new pattern of surveying with innovative technology

Innovative technology is a key to the construction of future cities. Making good use of innovative technology can make the works more efficient and thereby reduce the operating costs.

In the construction industry, time is everything. No one would doubt that we are all working against the clock and construction industry practitioners need to race against time to complete the works safely. The innovative technology which introduced in this issue - the 3D laser scanners is indeed a welcome news for our industry. This time, we invited Mr. WL Chan ("Wai Lun"), the Senior Project Manager of Kam Tin civil engineering project site (2156), and Mr. Billy Yau ("Billy"), the Surveying Manager, to demonstrate the FARO Focus^S 350 3D Laser Scanner.



"With the funding support from Construction Innovation and Technology Fund ("CITF"), we have deployed FARO Focus^S 350 3D Laser Scanner in documenting the site conditions in two of our construction projects. This enables the project team to visualize the actual site conditions accurately, allowing us to work in locations that are difficult to reach." Wai Lun said.



Using 3D Laser Scanner on construction site



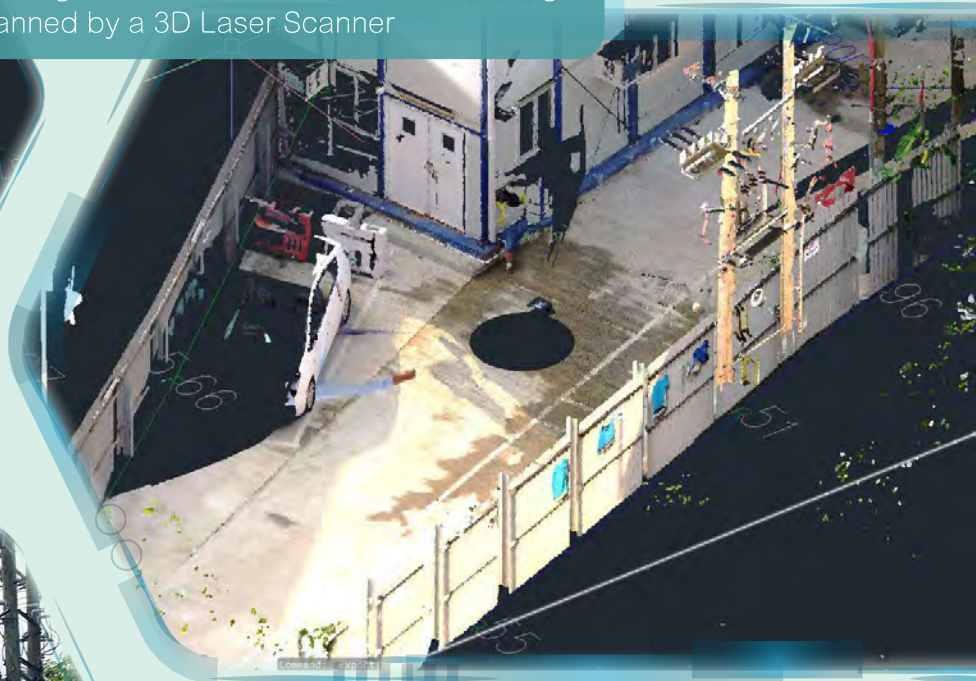
Theme of the issue

Operating principle of 3D Laser Scanning Technology

3D laser scanning technology is a method of high-accuracy mapping that uses laser beams to capture the dimensions and spatial relationships of physical objects. It works by recording angles and distances through analysis of laser light reflections. 3D lasers can scan objects up to several hundred meters in the blink of an eye and output digitized records with a high level of accuracy.



3D images of the Kam Tin site office building - Scanned by a 3D Laser Scanner



Original image of Kam Tin site office building

Introduction of FARO Focus^S 350 Laser Scanner

FARO Focus^S 350, equipped with a 350-meter scanning range and anti-intrusion features, which is a powerful surveying tool in outdoor application and challenging conditions. It can record a million points with 3D coordinates of almost all kinds of materials except glass, water and other transparent materials. This allows us to see exactly the actual conditions of the sites, thus helping us work smarter at locations where access or man-entry is difficult.

Theme of the issue

"Compared with traditional surveying, FARO Focus^S 350 3D Laser Scanner provides two major advantages: Speedy and Accurate." Billy said

Speedy

FARO Focus^S 350 enables us to survey a project site regardless of its size and height, and we can finish the survey works in just over ten minutes. We adopted it in measuring the as-built structure of covered walkway in one of our projects. Converted the survey raw data into BIM model to accelerate the work progress.

Accurate

The cutting-edge laser technology makes the on-site measurement of physical objects accurate to within 1 cm. We have engaged FARO Focus^S 350 in another project to measure the as built alignment and level of 800-diameter jacking pipes which were buried 9-meter below ground. The high accuracy of laser scanner gives us a big hand in checking the conformance of pipes and saving much manpower from going down the deep shaft to do the surveying.

Touch Screen

Automatic 360° horizontal scanning

Automatic 360° vertical scanning



Wai Lun (left) and Billy (right)

"The efficiency and accuracy brought by the 3D laser scanner are tremendous to the construction industry. Combined with the technology of Building Information Model (BIM), engineers can analyze and formulate all relevant construction plans and procedures based on the data obtained, saving a lot of time and resources required by the traditional surveying. We expect that with the promotion from the government, the construction industry will apply this innovative technology more widely!" Wai Lun said.

Awards



Quality Public Housing Construction and Maintenance Awards 2019

Sun Fook Kong was honored to receive 5 awards at the "Quality Public Housing Construction and Maintenance Awards 2019" which was held on 30 November 2019 at the Hong Kong Convention and Exhibition Centre. The result was very inspiring!

5 awards in total including :

1. New Works Projects — Outstanding Contractors (Building) — Bronze Award
2. New Works Projects — Best Site Safety — Timely Report of Near Miss Incident (Building)
3. New Works Projects — Best Site Safety — Safety Innovation
4. New Works Projects — Outstanding Contractors - The Innovative Use of BIM Technology (Main Contractor) — Highly Commended
5. New Works Projects — Outstanding Workers



Construction Industry Machinery Operation Competition Award

On 12 January 2020, Construction Industry Machinery Operation Competition Award Presentation Ceremony 2019 was held by Construction Industry Council at HKIC — Tai Po Training Ground.



Bestwise — SFK Joint Venture and Bestwise Envirotech Limited were awarded in three competitions including:

1. Gantry Crane Operation Competition — The Champion
2. Gantry Crane Operation Competition — The Best Operator
3. Truck Mounted Crane Operation Competition — The Second Runner Up



Awards

Construction Industry Safety Award Scheme 2019/2020

"Construction Industry Safety Award Scheme 2019/2020", which was organized by the Labour Department, aims to raise the occupational safety and health (OSH) awareness of contractors, site personnel and workers of the construction industry, to foster a positive safety culture and to encourage the adoption of safe work practices in the industry.

This year, we won 2 awards:

Site Formation and Infrastructure Works for Development at Kam Tin South, Yuen Long

Award : Civil Engineering Sites Category- Bronze
Awarded Company : Sun Fook Kong (Civil) Limited



Hong Kong Housing Authority Term Maintenance Contract

Award : Renovation and Maintenance Works Category-Certificate of Good Performance
Awarded Company : Bestwise Envirotech Limited, Sun Fook Kong Group's Subsidiary



2020 Partner Employer Award

Sun Fook Kong was honored to receive an award of 2020 Partner Employer Award which was held by The Hong Kong General Chamber of Small and Medium Business. The scheme is to encourage the local enterprises to provide internship opportunities to students and graduates from local colleges. Through the internship, they are able to gain experience and cultivate a positive work attitude in order to sharpen their competitiveness in the market. The award recognized the Group's effort and we will continue to make contribution to achieve social responsibility.



Awards

"Caring Company" 5 Years + Logo

Sun Fook Kong has been participating in "Caring Company" for years. This year, we are honored to be awarded the "Caring Company" 5 Years + Logo. In such a difficult year in Hong Kong, the group is still sharing the spirit of help and care by cooperating with CSR partners in order to promote sustainable social development.



ERB Manpower Developer Award Scheme

This is the first year that Sun Fook Kong participated in ERB Manpower Developer Award Scheme 2019/20. With a view to instilling a corporate culture of advocating the importance of manpower training and development and recognizing our achievements in manpower training and development as Manpower Developers (MDs), the group will do the best to develop talent in our organization.

Good MPF Employer

Sun Fook Kong won the "Good MPF Employer" award in the Good MPF Employer Award Presentation Ceremony 2019-20. This award not only recognized Sun Fook Kong's compliance with all the requirements under the MPF legislation, but also appreciated our efforts in the provision of better retirement protection for employees. As a "Good MPF Employer", Sun Fook Kong will continue striving to protect the rights and interests of our colleagues, and providing them with better retirement benefits.



Good Employer Charter

Sun Fook Kong was confirmed to be one of the signatories of the Good Employer Charter 2020 by the Labour Department. The group will adopt employee-oriented and progressive good human resource management practices. The Group would formulate family-friendly employment policies by assessing different family responsibilities borne by employees and help them to fulfil their work and family needs simultaneously to create a family-friendly harmonious workplace.

Sun Fook Kong Won A Number of Projects

Sun Fook Kong was awarded a number of engineering contracts, including "Construction of Subsidised Sale Flats Development at Ma On Shan Road and Public Housing Development at Hang Tai Road, Ma On Shan Area 86B Phase 1; Construction of Station Square at Kai Tak (Phase 1); and Three Runway System Project: New Integrated Airport Centres - Building and Civil Works.

Project Contract No. 20180557
Construction of Subsidised Sale Flats Development at Ma On Shan Road and Public Housing Development at Hang Tai Road, Ma On Shan Area 86B Phase 1

Scope of works Works in Ma On Shan Road consists of five 38 to 41-storey domestic blocks which contains a total of 2,079 units, a 3-storey Recreation and Commercial Building with carport and a basketball court at landscaped roof and a single storey carport of 18 parking spaces.

Works in Hang Tai Road consists of a 6-storey Retail and Welfare Block which contains retail facilities, Integrated Children and Youth Services Centre, Special Child Care Centre and a link bridge between the block and existing Yan On Estate car entrance, etc. A pedestrian footbridge spanning across Ma On Shan Road and Hang Tai Road with lift tower, lift and staircase.

This is a 32-month building contract. The contract period is from 24 February 2020 to 23 October 2022.

Client Hong Kong Housing Authority

Project Manager Mr. Lai Pui Fai

Anticipated Completion Date The forth quarter of 2022

Contract Value \$1,911,000,000.00



SFK Construction

Project Contract No. SSG506
SFK-CEC Joint Venture - Construction of Station Square at Kai Tak (Phase 1)

Scope of works The works in Station Square at Kai Tak are divided into two sections as detailed below:

Section 1

With an approximate site area of 38,000 square metres, the works comprise the construction of part of the Station Square, hard and soft landscaping works. The works also include multiple facilities such as single storey blocks for management office, open plaza, cycling track, large lawn, pavilions seating areas, covered walkways, drainage system and other associated the works construction works. The construction period is 630 days.

Section 2

With an approximate site area of 78,300 square metres, the works comprise the construction of hoarding and chain link fence and provision of security services to the site for the remaining part of the Station Square. The construction period is 180 days.



Client Architectural Services Department

Project Director Mr. Ho Chi Wang

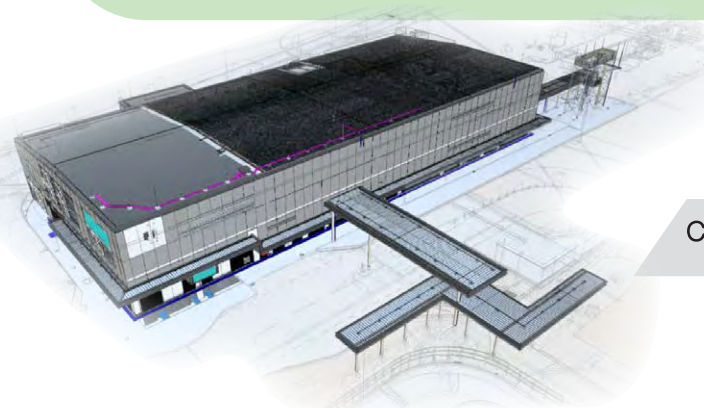
Anticipated Completion Date The fourth quarter of 2020

Contract Value \$283,600,000.00

Project Contract 3403
Three Runway System Project - New Integrated Airport Centres - Building and Civil Works

Scope of works The project mainly includes the construction of a new two-storey Integrated Airport Centre (IAC), including a raft foundation, building structure and envelope, metal roofing system, ABWF works, Building Services and Airport System within the airside of the Hong Kong International Airport, Chek Lap Kok.

It also includes the demolition of abandoned road and drainage, an existing oil separator, construction of an antenna tower, utilities diversions and installations, and A&A works for conversion of existing IAC into a back-up IAC afterwards.



Client Airport Authority

Project Manager Ms. Alice Leung

Anticipated Completion Date The third quarter of 2024

Contract Value \$440,698,000.00

Safety & Environmental Protection

Sun Fook Kong Safety & Environmental Awards Scheme 2019 Award Ceremony

"Sun Fook Kong Safety and Environmental Award Scheme 2019" was successfully completed. A simple and solemn award ceremony was held at the Sun Fook Kong Shek Mun Safety Training Center on 3 January 2020 in order to recognize and reward the colleagues who had outstanding performance in safety and environmental protection.



We invited a number of project directors & colleagues from the Safety and Environmental to attend the Award Ceremony. This year, apart from award-winning sites, we also invited site foremen who won the award in the past 5 years to take short videos and share their safety and award-winning experiences.



Administration

Congratulations to the Retirement of Mr. Lee Wai Shing Patrick, Managing Director

The Managing Director of Construction and Civil Division, Mr. Patrick Lee retired in early 2020. A retirement lunch was held by the management on 17 January 2020 at the Grand Buffet to thank him for his contribution. Also, the management wished Mr. Lee good health and all the best through the retirement present, a crystal decoration of "Chinese Zodiac Horse".

Mr. Lee had been working in Sun Fook Kong since 1989 for over 30 years. Mr. Lee were the in-charge of numerms projects. Now, he serves Sun Fook Kong continuously with his new role as "Consultant".



Administration

Prevention of Coronavirus Disease

In order to minimize the risk of Coronavirus Disease infection in the workplace, SFK group has been arranging the office cleaning service regularly. We also measure staff temperature and obtain their travel record and health status in order to have a better understanding of the staff health.



SFK group also keeps an eye on the updated information from the Centre for Health Protection and shares the latest news to the staff so that everyone can maintain a good personal hygiene routine such as washing hands frequently and always wearing a mask in order to avoid being infected. Remember to seek medical advice promptly if you feel



Administration

The Government commissioned CIC to distribute free masks to construction workers

As the coronavirus pandemic raged continuously, the government issued orders to require all citizens to wear masks to stay safe during outdoor activities to prevent cross-contagion of the virus.



In order to let construction workers replacing their masks when working in hot weather, the government commissioned the Construction Industry Council (CIC) in September 2020 to distribute free masks to construction workers with attendance records on specific dates. Sun Fook Kong received a total of 1892 boxes of masks. Our workers would be given at least 1 box of masks so they have sufficient masks to replace when working in hot weather.



Volunteer Activities



Participated in Construction Industry Caring Campaign

In early May, Sun Fook Kong participated in the Construction Industry Caring Campaign in order to support construction workers inflicted by the epidemic. Our SFK volunteers helped to pack the "Caring Packs" and distributed them to workers in different areas.



The places where our SFK volunteers visited and distributed the "Caring Packs":

- Tuen Mun District
- Yuen Long District (Tin Shui Wai)
- Eastern District (North Point, Sai Wan Ho, Shau Kei Wan, Chai Wan, Siu Sai Wan)
- Southern District (Ap Lei Chau, Aberdeen)
- Islands District (Cheung Chau, Lantau Island)
- Tai Po District
- Wan Chai District



Sun Fook Kong fights against novel coronavirus together! Thanks to the kind-hearted volunteers for their overwhelmingly support with action in such a hot weather.



Web Series **快乐520** HAPPY520 Introduction

The web series "Happy 520" filmed at the "New DNA" Shopping Mall in Foshan, was broadcasted exclusively on Tencent Video from 1 May 2020.

Cast : Zhengyang Chen, Li Ma, Yi Yang, Chloe Wong, Jiabing Li, Mingman Qin, Christine Kuo, Stephen Wong, CoCo Lee, Nancy Lee

Duration : 12 episodes, 45 minutes each

Language : Mandarin



Introduction:

The story is about an Oxford professor of philosophy (played by Zhengyang Chen) coming to "Happy Mall" in Foshan coincidentally. He met a considerate and ordinary girl (played by Li Ma) who worked in the shopping mall. Their encounter gave each other a new inspiration and experience of love. This series is different from the traditional romance films using a philosophical perspective to interpret love.



"Happy 520" in Tencent Video



Background:

The series is based on a large modern shopping mall "Happy Mall" in Foshan. The work and life experiences of employees, merchants and customers in the hopping malls have evolved into different stories, which are closely related to social phenomena, such as late marriage, housing problems and May-December Romances. The whole series is full of youth, singing, dancing and positive energy. The series is starred by a group of 90s actors and actresses who have covered more than 30 classic golden songs.





SFK Properties

Novelette and Comic strip

Introduced in the last issue of Sun Fook Kong Newsletter, "New DNA" shopping mall in Foshan has an Adventure League composed of four ambassadors. The members include Bala, Kasia, Che Shin and Han Zhi. They are not just appearing everywhere in the mall and the mall also provided novelette and comic strip for the stories of the four ambassadors.



Novelette

Novelette Link:



When the sun was shining, four young people who did not know each other, boarded the ship. They looked around curiously and seemed to be looking for the truth. When their eyes reached the distanced turbulent coastline, they stood and squinted the coastline and waited for departure.

Where is the ship sailing to? Why are the four people appearing in here? Everything has to start from their dream before they boarded the ship... ..

Comic



Comic Link:



漢智
"Han Zhi"

車信
"Che Shin"

凱西亞
"Kasia"

巴拉
"Bala"



SFK Events



SFK Events



Others

愛、傳、城

Love is All Around

The 2nd Hong Kong Chinese & English Essay-Writing Competition

“Love Is All Around” — The 2nd Hong Kong Chinese & English Essay-Writing Competition was sponsored by Lu and Marisa Charitable Foundation, and was organized by Hong Kong Federation of Journalists and co-organized by Sun Fook Kong. On 11 January 2020, the prize-giving ceremony was held in Renaissance Harbour View Hotel.

The challenge for participants this year was to write their thoughts of The Last Knit, a 6-minute-online animation by Finnish director Laura Neuvonen with over 10 million views online. The thought provoking video has captured the essence of life by depicting a character sitting at the edge of a cliff, restlessly knitting a scarf.



Primary School Champion
鄭紫蕊



Secondary School Champion
歐欣彤

Chinese Division



Open Section Champion
文秉懿

The response was overwhelming with the receipt of over 4,000 passages. The competition was divided into three categories including Primary School, Secondary School and Open Section with two divisions, the Chinese Division and the English Division in each category. It is hoped that the participants can express their views on the animation, and show their talents through writing. Winners in each division and category shared their feelings in the ceremony.

English Division



Secondary School Champion
周潔瑩



Primary School Champion
黃凱鋒



Open Section Champion
李浩聰

Staff Corner

This Staff Corner in every issue of Sun Fook Kong Newsletter is provided a space for our colleagues to contribute and share their story. We welcome our SFK staff to send us the interesting stories!

Colleague in Project Site



20 my sfk memories 20



20 SFK

疫情下決定到長洲走走，來放鬆一下心情，住進了風景很好的長洲華威酒店。讓我們在美景及海浪聲中渡過了一個愉快的長週末。



Colleague in Head Office



☀️ 陽光 海風



Colleague in Project Site



拉坯初體驗，難得有機會可以試玩新嘢，喺呢個抗疫日常帶來一點樂趣！

抗疫期想出海呼吸新鮮空氣，但又要保持社交距離？獨木舟就 perfect 啦



途經生態自然保育區
好多平時見唔到嘅海中生物

- The steps are very simple :
1. A Jpeg photo not less than 1MB.
 2. Not more than 50 words description.
 3. Tell us your name and department/site info.
 4. Email to stephanieleung@sfk.com.hk

Deadline : 31st March, 2021