

Construction Industry Council

Meeting No. 004/18 of the Construction Industry Council for 2018 was held on Friday, 24 August 2018 at 2:00pm at Multi-purpose Hall of ZCB, 8 Sheung Yuet Road, Kowloon Bay, Kowloon.

Present	:	CHAN Ka-kui	(KKCh)	Chairman
		CHAN Chi-chiu	(CCC)	
		CHAN Pat-kan	(CPK)	
		Allan CHAN Sau-kit	(SKC)	
		CHOW Luen-kiu	(LKC)	
		Ivan FU Chin-shing	(FI)	
		Alex KWAN King-fai	(KFK)	
		LAI Chi-wah	(CWLi)	
		Stephen LAI Yuk-fai	(SLI)	
		Kenneth MO Kon-fei	(KM)	
		PAN Shu-jie	(PSJ)	
		Derrick PANG Yat-bond	(DP)	
		Rocky POON Lock-kee	(LKP)	
		Simon WONG Hin-wing	(SWHW)	
		WONG Sze-chun	(SCW)	
		Eliza WONG Yeuk-lan	(EWYL)	
		YU Sai-yen	(SYYu)	
		Joey LAM Kam-ping	(KPL)	Acting Permanent Secretary for Development (Works)
		CHEUNG Tin-cheung	(TnC)	Director of Buildings
		Stephen YIM Yu-chau	(SnY)	Housing Department
In Attendance	:	Dominic CHOW	(DCW)	Development Bureau
		Lambert CHOW	(WKCw)	Housing Department
		Albert CHENG	(CTN)	Executive Director
		Alex LEUNG	(AL)	Director – Collaboration & Trade Testing
		Richard PANG	(RPg)	Director – Industry Development
		Francis WONG	(FW)	Director – Hong Kong Institute of Construction
		Cheryl IP	(CI)	Assistant Director - HR, Facilities Management & Admin
		LEE Oi-yen	(OYL)	Assistant Director – Registration Services
		Miranda YEAP	(MYP)	Senior Manager – Corporate Secretariat
		Amy FUNG	(AyF)	Manager – Corporate Secretariat

Apologies : CHAN Kim-kwong (KKCN)
CHUNG Kwok-fai (CKFi)
Robert LAM Ping-hong (PHL)
Ringo YU Shek-man (RiYu)
HON Chi-keung (HCK) Permanent Secretary for
Development (Works)
Connie YEUNG (CYG) for Permanent Secretary for
Kwong-yim Transport and Housing (Housing)

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[The open-door session of the meeting started at 5:05 pm.]

**4.29 Confirmation of Minutes of the Previous Meeting
(Open-door Session)**

Members referred to Paper CIC/CMT/M/003/18 and approved the minutes of the open-door session of the 3rd meeting of 2018 held on Friday, 22 June 2018 at Multi-purpose Hall of ZCB, 8 Sheung Yuet Road, Kowloon Bay, Kowloon.

**4.30 Matters Arising from the Previous Meeting
(Open-door Session)**

Item 3.31 of Meeting 003/18 Regarding the research on “high performance precast concrete shear wall system with trapezoidal connections”, subsequent to the last Council Meeting, the Construction Productivity Department (COP) – Industry Development has approached the Hong Kong Housing Society (HKHS) and the Hong Kong Housing Authority (HKHA) for the relevant research information. In this connection, the HKHS has provided relevant information to the COP on 14 August 2018, and the HKHA has agreed to provide related project details to the CIC shortly. The COP would follow up on this matter.

4.31 2nd Meeting of Committee on Construction Safety for 2018

Members took note of the Paper CIC/CMT/P/096/18.

DP highlighted the major items of the last meeting as follows:

- Item 2.3 – Construction of the Safety Experience Training Centre (SETC) was in good progress and was scheduled to open in early 2019.
- Item 2.7 – Work progress of the three Subcommittees:
 - Subcommittee on Safety Promotion planned to revamp the mobile app “Construction Safety App” in order to enhance its usage to promote safety messages to frontline workers.
 - Subcommittee on Safety Training aimed to strengthen safety training on specific trades, such as

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- "fall of person from height" and crane operation, to enhance safety awareness of workers.
- Subcommittee on Safety Technical Issues would arrange to issue safety guidelines as needed.
 - Item 2.8 – The Task Force on Reviewing the Safety Responsibilities and Roles of Key Stakeholders was preparing a brief on safety responsibilities of construction personnel, and would commission a consultant to compare the safety regulations, statutory requirements and penalties between Hong Kong and some selected countries. Construction personnel included “client”, “engineer”, “contractor”, “subcontractor” and “worker”, and the study would start off with “client”. The Chairman suggested to make reference to U.K. as it had performed very well in the recent years.
 - Item 2.5 – Application for CIC Research Fund - “Innovative Fall Protection System for Work at Height Safety in High-rise Building: Transportable Horizontal Anchor-Integrated Fall Arresting System (THA-IFAS)”: the proposal was not yet approved by the Com-CSY. The researchers were requested to fine-tune the proposal and re-submit the enhanced version to the Com-CSY for further consideration.
 - Item 2.6 – Application for CIC Research Fund - “Optimal Use of Internet of Things Technology to Prevent Failure of Temporary Support System in Construction”: the objective of this research project was to develop a system adopting Internet of Things (IoT) technology in monitoring the performance of temporary support structures. After deliberation, the Com-CSY agreed to proceed with this research project.

Members had no comments on other items stated in the Paper CIC/CMT/P/096/18.

4.32 2nd Meeting of Committee on Construction Procurement for 2018

Members took note of the Paper CIC/CMT/P/097/18.

RPg highlighted the major items of the last meeting as follows:

- Item 2.3 – The Task Force on Reasonable Construction Period

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would conduct a research study on the reasonable construction period, and was collecting contracts from different clients as research reference.

- Item 2.4 – Members of the Com-CPT approved in principle the proposed transfer of the Working Group for Flat Inspection from Com-PRO to Com-CPT.
- Item 2.6 – The Reference Materials on Selection of Contractors would be finalised after incorporating comments from the Peer Review Group.
- Item 2.7 – The assignment brief for engagement of consultants to the research study on “Factors Affecting Consultants and Contractors in Hong Kong Participating in the Repair, Maintenance, Alteration and Addition (RMAA) Sector” has been finalised and an Expression of Interest invitation has been arranged for return of proposals in late August 2018.

The Chairman supplemented that the research study conducted by The University of Hong Kong pointed out that the existing Subcontractor Registration Scheme (SRS) was relatively loose. There was no strict vetting procedure, in terms of technical level, financial strength and safety performance, etc., to assess the eligibility of a subcontractor to register for the scheme. The Chairman believed that an in-depth review on the mechanism of quality assurance was necessary to affirm the performance of the qualified subcontractors.

Members had no comments on other items stated in the Paper CIC/CMT/P/097/18.

4.33 2nd Meeting of Committee on Productivity for 2018

Members took note of the Paper CIC/CMT/P/098/18.

RPg highlighted the major items of the last meeting as follows:

- Item 2.2 – Two final reports for consultancy studies on construction process re-engineering and comprehensive productivity appraisal was circulated to members for review. The Secretariat would follow up with the Hong Kong Productivity Council (HKPC) to consult the related trade

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associations for comments on the recommendations.

- Item 2.3 – Dr. Thomas LINNER from the Technical University of Munich (TUM) has presented the findings of the consultancy study on façade painting robot system, and proposed to organise an international symposium on on-site construction robotics in 2019.
- Item 2.4 – Mr. Francis LEUNG from the Development Bureau has introduced the Buildability Evaluation System (BES) to the Com-PRO, and the Secretariat would keep an eye on the implementation of the BES in the public sector.
- Item 2.6 – The Secretariat has presented the outcomes of the technical visit to Finland and Germany at the last Com-PRO Meeting. A briefing session would be conducted in due course. The Chairman suggested to explore the possibility of organising a similar technical visit for industry stakeholders.
- Item 2.5 – Members of the Com-PRO proposed to establish an alliance (i.e. Buildoffsite HK), with reference to the model of Buildoffsite UK, to link up industry stakeholders on the adoption of prefabrication in construction projects. Mr. Tim HALL, Director of Buildoffsite UK, would conduct a presentation on the proposal details at the next Com-PRO meeting.
- Item 2.8 – The research study on “Smartphones as Next-generation Monitoring Devices for Construction-induced Vibrations and Noise” was suggested to be done in two phases, with an aim to prove its concept in the first phase before deciding whether to proceed with the second phase.

In response to CCC’s inquiry, CTN updated Members on the construction progress of the MiC Display Centre located in the Zero Carbon Building (ZCB) Park. The opening ceremony of the centre was tentatively scheduled on 20 September 2018 and would be confirmed in due course.

[Post meeting note: the opening ceremony was rescheduled to 6 November 2018.]

Members had no comments on other items stated in the Paper CIC/CMT/P/098/18.

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4.34 4th Meeting of Construction Industry Training Board for 2018

Members took note of Paper CIC/CMT/P/099/18.

SKC highlighted the major items of the last meeting as follows:

- Item 4.2 – The Labour Department (LD) has obtained legal advice regarding the training courses of loadshifting machinery operator and concluded that the CIC was not allowed to delegate part of the training to contractors and subcontractors.
- Item 4.3 – Regarding the proposal on Quality Assurance and Performance Appraisal Mechanism of Collaborative Schemes, Board Members agreed to adopt completion and passing rates as performance indicators.
- Item 4.7 – The average employment rate of full-time graduates after graduation for one month was around 85%; whereas the retention rate after graduation for 3 months and 6 months was around 80%.
- Item 4.8 – The “Aberdeen Trade Testing and Training Centre” would be renamed as the “Hong Kong Construction Industry Trade Testing Centre” to better represent the services provided by the Aberdeen centre.

Members had no comments on other items stated in the Paper CIC/CMT/P/099/18.

4.35 Any Other Business

4.35.1 KM recommended Members to participate in the bauma CHINA 2018 (上海寶馬工程機械展) held from 27-30 November 2018.

4.35.2 In response to EWYL’s concern regarding the difficulties encountered by industry stakeholders on the building control process, and her proposal for the CIC to set up a Task Force to look into the matter, the Chairman entrusted CTN to develop a preliminary framework in consultation with EWYL and Development Bureau, and submit a draft proposal on the setup of the Task Force on Building Control Process to the Executive Committee for further discussion.

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4.35.3 Subsequent to Ir Jason WONG Chi-chung's departure from the MTR Corporation, Ir WONG has tendered his resignation as CIC Member to the Development Bureau (copied to the CIC Chairman), and the resignation took effect on 13 August 2018. The Chairman proposed a vote of thanks to Ir Jason WONG be recorded for his contributions to the CIC and to the construction industry as a Council Member in the past few months.

4.35.4 Ir HON Chi-keung would retire from the position of Permanent Secretary for Development (Works) on 13 October 2018. The Chairman proposed a vote of thanks to Ir HON for his valuable contributions to the CIC and dedication to the construction industry.

4.36 Tentative Date of Next Meeting 005/18

The next meeting was scheduled for 19 October 2018 (Friday) at 2:00pm at Multi-purpose Hall of ZCB, 8 Sheung Yuet Road, Kowloon Bay, Kowloon.

All to note

There being no further business, the open-door session of the meeting was adjourned at 5:40 pm.