

Construction Industry Council

Meeting No. 005/18 of the Construction Industry Council for 2018 was held on Friday, 19 October 2018 at 2:00pm at Multi-purpose Hall of ZCB, 8 Sheung Yuet Road, Kowloon Bay, Kowloon.

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| Present : | CHAN Ka-kui CHAN Chi-chiu CHAN Kim-kwong CHAN Pat-kan Allan CHAN Sau-kit Ivan FU Chin-shing Alex KWAN King-fai LAI Chi-wah Stephen LAI Yuk-fai Robert LAM Ping-hong Kenneth MO Kon-fei PAN Shu-jie Derrick PANG Yat-bond Rocky POON Lock-kee Simon WONG Hin-wing WONG Sze-chun Eliza WONG Yeuk-lan Ringo YU Shek-man LAM Sai-hung CHEUNG Tin-cheung Connie YEUNG Kwong-yim | (KKCh) Chairman (CCC) (KKCN) (CPK) (SKC) (FI) (KFK) (CWLi) (SLI) (PHL) (KM) (PSJ) (DP) (LKP) (SWHW) (SCW) (EWYL) (RiYu) (LSH) (TnC) (CYG) | Permanent Secretary for Development (Works) Director of Buildings for Permanent Secretary for Transport and Housing (Housing) |
| In Attendance : | Vera CHOI Dominic CHOW Lambert CHOW Albert CHENG Richard PANG Stephen HO Cheryl IP (<i>Closed-door Session – HR Related</i>) LEE Oi-yen Miranda YEAP Amy FUNG | (VCi) (DCW) (WKCw) (CTN) (RPg) (SnH) (CI) (OYL) (MYP) (AyF) | Housing Department Development Bureau Housing Department Executive Director Director – Industry Development Assistant Director – Industry Development Assistant Director - HR, Facilities Management & Admin Assistant Director – Registration Services Senior Manager – Corporate Secretariat Manager – Corporate Secretariat |

Apologies : CHOW Luen-kiu (LKC)
CHUNG Kwok-fai (CKFi)
YU Sai-yen (SYYu)

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[The open-door session of the meeting started at 4:35pm.]

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

Members referred to Paper CIC/CMT/M/004/18 and approved the minutes of the open-door session of the 4th meeting of 2018 held on Friday, 24 August 2018 at Multi-purpose Hall of ZCB, 8 Sheung Yuet Road, Kowloon Bay, Kowloon.

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

Item 4.35 of Meeting 004/18 With regard to Members' concerns on the difficulties encountered by industry stakeholders on the building control process (e.g. statutory approving procedure and application of occupation permit, etc.), CTN has scheduled a meeting with Real Estate Developers Association of Hong Kong's Building Subcommittee on 12 November 2018 to discuss on problems and matters requiring assistance from CIC.

5.23 Summary Notes of 3rd Meeting of Committee on Construction Safety for 2018

Members took note of the Paper CIC/CMT/P/115/18.

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

- Item 3.5 – Work progress of the Subcommittee on Safety Training
 - The opening ceremony of “Experiential Learning on Site Safety 2018-19” would be held on 1 November 2018 in the Noah’s Ark, Ma Wan. Members were welcome to participate.
 - The Subcommittee was currently reviewing the existing silver card safety training courses to see if they were sufficient for the industry, especially for training on high risk works.
 - The Subcommittee urged the Hong Kong Construction Association (HKCA) to review their 21 types of toolbox talks.

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| <ul style="list-style-type: none">- The CIC Secretariat had arranged a visit to the Fire and Ambulance Services Academy on 21 September 2018 to share their experience on confined space training. | |
| <ul style="list-style-type: none">● Item 3.6 – Work progress of the Subcommittee on Safety Promotion<ul style="list-style-type: none">- The theme of the Construction Safety Week (CSW) 2019 was “Innovation in Safety” with focus on high risk works.- Revamp of “Construction Safety App” was underway.● Item 3.8 – Regarding the progress of the study on safety responsibilities of construction personnel, the Task Force has conducted an interview with EWYL in the capacity of “client” to share views on the safety role of developers in construction site safety. | |

The Chairman requested joint efforts from Com-CSY and HKIC to review the safety element(s) of various training programmes (e.g. supervisor training) conducted by the HKIC, and provide recommendations on necessary enhancement.

**Com-CSY
and HKIC**

The Chairman suggested Com-CSY to consider whether it was worthwhile to produce education videos, with themes covering fatal accidents which occurred during recent years, for use at various training programmes and promotion activities at construction sites.

Com-CSY

Members had no comments on other items stated in the Paper CIC/CMT/P/115/18.

[LSH left the meeting at this juncture.]

5.24 Summary Notes of 3rd Meeting of Committee on Construction Procurement for 2018

Members took note of the Paper CIC/CMT/P/116/18.

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

- Item 3.2(b) – Com-CPT was briefed by IF on the details of the Working Group for Flat Inspection and the proposed roadmap (including the proposed video production). Members had no further comments to the proposed transfer of the Working Group from Com-PRO to Com-CPT.

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- Item 3.5 – CTN briefed Members the different views from stakeholders on the proposed Security of Payment Legislation.
- Item 3.6 – The Reference Materials on Selection of Contractors would be finalised after incorporating comments from the Peer Review Group and HKCA. Subsequent to the Task Force's final endorsement, the reference materials would be submitted to the Com-CPT for approval.
- Item 3.7 – Regarding the research study on “Factors Affecting Consultants and Contractors in Hong Kong Participating in the Repair, Maintenance, Alteration and Addition (RMAA) Sector”, tenderers selection was in progress and tender invitation would be issued in October 2018.
- Item 3.8 – The Task Force on Reasonable Construction Period has already conducted its first meeting on 20 September 2018.
- Item 3.9(a) – Com-CPT Members took note of the upcoming seminar on “Upcoming Tenders” scheduled in November/ December 2018.

Members had no comments on other items stated in the Paper CIC/CMT/P/116/18.

5.25 Summary Notes of 3rd Meeting of Committee on Productivity for 2018

Members took note of the Paper CIC/CMT/P/117/18.

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

- Item 3.2 – Regarding the consultancy studies on construction process re-engineering, the revised document, with comments from relevant trade associations incorporated, were endorsed by the Com-PRO. Similar re-engineering study on other key trades were encouraged. The Chairman supplemented that for all future studies, the involvement of relevant trade subcontractors was vital to the success of the project.
- Item 3.3 – 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 adoption of

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prefabrication in construction projects. Mr. Tim HALL, Director of Buildoffsite UK, has submitted a proposal on the establishment of Buildoffsite HK. The estimated cost for this 15-month pilot scheme was HK\$1.42M. After deliberation, Mr. HALL was requested to prepare a revised proposal focusing on:

- (a) setting targets for the adoption of offsite construction in Hong Kong via government policy initiatives or other incentives;
- (b) tackling difficulties or constraints in adopting offsite construction; and
- (c) providing recommendations on the establishment of a local prefabrication yard.

To speed up the process, the revised proposal for Buildoffsite HK would be submitted to the Executive Director of CIC for final endorsement.

- Item 3.4 – Dr. Thomas LINNER from the Technical University of Munich (TUM) and Professor Geoffrey SHEN from the Hong Kong Polytechnic University (the Team) have delivered a presentation on the full-scale façade processing robot development project, which would take 15 months for robotics development at a cost of 550,000 Euros. With the huge investment required, the Team was requested to provide more details on the tasks to be performed by the proposed robot focusing on the needs of the industry. At the same time, the Committee Secretariat would explore other research resources locally and at nearby areas for taking forward the development of construction robotics.
- Item 3.7 – The proposed Construction Innovation Expo 2019 was tentatively scheduled for 18 to 20 December 2019 at the Hong Kong Convention and Exhibition Centre. The exhibition would focus on four aspects, viz. offsite construction, mechanised construction, digital construction and advanced materials and technologies.
- The CIC Construction Innovation Award launching ceremony was scheduled for 20 November 2018 at ZCB. Members' participation and support would be highly appreciated.

Members had no comments on other items stated in the Paper

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CIC/CMT/P/117/18.

[EWYLY left the meeting at this juncture.]

5.26 Summary Notes of 2nd Meeting of Committee on Environment for 2018

Members took note of Paper CIC/CMT/P/118/18.

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

- Item 2.2 (item 1.2b) – Follow up on the McKinsey Interim Report: the inception report on the consultancy study on “Carbon Assessment Tool” would be ready by November 2018.
- Item 2.2 (Item 1.3) – Final report on the “Consultancy Study of Potential Utilisation of Prefabrication Yards and Prefabrication Components in Hong Kong” has been endorsed by the Com-ENV. Key findings of the report would be submitted to Development Bureau and HKCA for consideration.
- Item 2.5 – Regarding the “Consultancy on Preparation of a Guidebook on Sustainable Construction and Development of a Sustainable Construction Assessment Scheme”, the first phase of the consultancy study would commence by end 2018.
- The CIC Sustainable Construction Award Conference and Presentation Ceremony would be held on 26 October 2018. Members’ participation would be highly appreciated.

Members had no comments on other items stated in the Paper CIC/CMT/P/118/18.

5.27 Summary Notes of 2nd Meeting of Committee on Building Information Modelling for 2018

Members took note of Paper CIC/CMT/P/119/18.

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

- Item 2.3 – Regarding the BIM training plan for 2019, apart from the existing BIM modelling and management training, new

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courses focusing on civil discipline and other features (e.g. training on Fuzor and Navisworks) would be introduced as well. To cater for the shortage of teaching resources, “train-the-trainer” courses would be considered.

- Item 2.4 – The 2019 business plan and budget were approved by Com-BIM. 2019 would be CIC’s second BIM Year and a series of promotional activities would be launched.
- Item 2.5 – To promote the adoption of BIM, universities were encouraged to strengthen the BIM elements in their curriculum. Memorandum of Understandings were signed with six universities. Meanwhile, professional institutes were encouraged to include BIM training from university as one of their accreditation requirements.
- Item 2.7 – Regarding the work progress of the Task Force on BIM Standards (Phase 2), three types of BIM Standards were proposed to be developed, including:
 - (a) Building Plan Submission;
 - (b) Civil Engineering Discipline (Underground Utilities); and
 - (c) E&M Engineering Discipline (for BIM Objects LOD 300 to 500)
- Item 2.8 – A post-event report on the Asia-Pacific Regional BIM Forum and Group Meeting would be prepared accordingly.

Members had no comments on other items stated in the Paper CIC/CMT/P/119/18.

5.28 Summary Notes of 5th Meeting of Construction Industry Training Board for 2018

Members took note of Paper CIC/CMT/P/120/18.

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

- Item 5.2 – Regarding the training for plant and equipment operators jointly conducted by the CIC and contractors, the Labour Department was seeking legal advice on the following issues:

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- (a) whether both logos of CIC and the contractors could be shown on the application documents and certificates of the training courses, for those applied collaboratively by the contractors and the CIC; and
- (b) whether a statement “the course is powered by CIC” could be stated on the application documents and certificates of the training courses, for those applied solely by the contractors.
- Item 5.4 – The CITB has approved the proposal on “The Outstanding Apprentices Election cum Awards Presentation Ceremony” as well as the estimated expenditure of HK\$440,000 for the ceremony.

The Chairman reported that the admission rates for HKIC’s full time training courses were not satisfactory (i.e. only up to around 70-80% of full capacity). This might be due to the declining number of secondary school graduates. Under the circumstances, CIC would continue to allocate resources to publicise HKIC and try to attract potential job seekers to join the industry.

Members had no comments on other items stated in the Paper CIC/CMT/P/120/18.

5.29 Summary Notes of 3rd Meeting of Construction Workers Registration Board for 2018

Members took note of Paper CIC/CMT/P/121/18.

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

- Item 3.1 – Regarding the “Consultancy Services for Workforce Analytics for the Construction Industry of Hong Kong”, research findings were reported at the meeting. A structured model would be developed to combine the data collected and the expanded data. Afterwards, the consultant would develop a set of dashboard reports and key performance indicators covering the following to reflect on the labour situation of the Hong Kong construction industry:
 - (a) levels of engagement and the definition of active workers;
 - (b) volume of work and seasonality;
 - (c) horizontal and vertical mobility;

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- (d) retention and attrition; and
- (e) future capture of data on obscure segments like RMAA works.

- Item 3.5.3 – Implementation of “easyJob” Mobile App: the Android version of easyJob (Employer/Worker version) was launched on 9 July 2018. The iOS version of easyJob (employer version) was launched on 27 August 2018.
- Item 3.5.5 – Total number of workers with valid registration as of 30 June 2018 was 470,980, comprising 202,480 registered skilled workers, 27,514 registered semi-skilled workers, 239,478 registered general workers and 1,508 registered skilled and semi-skilled workers (provisional).

Members had no comments on other items stated in the Paper CIC/CMT/P/121/18.

5.30 Any Other Business

5.30.1 The Chairman invited MYP to brief Members on the forthcoming major events of the CIC. Upcoming major events were summarised as follows:

- “Construction Industry Sports Day and Charity Fun Day 2018” would be held on 21 October 2018.
- “CIC Sustainable Construction Award Conference and Presentation Ceremony” would be held on 26 October 2018.
- The “Construction Month Grand Launch” would be held on 2 November 2018
(Events associated with the “Construction Month 2018” would be scheduled from 2 to 25 November 2018)
- The Opening Ceremony of MiC Display Centre was scheduled on 6 November 2018.
- “Construction Innovation Award 2019 Launching Ceremony” would be held on 20 November 2018.
- “Construction Industry Uniform Runway 2018 and Charity Dinner” would be held on 24 November 2018.

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5.30.2 CTN urged Members' participation and support to promote the Construction Innovation and Technology Fund to industry stakeholders.

5.31 Tentative Date of Next Meeting 006/18

The next meeting was scheduled for 14 December 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 5:25 pm.