



**Quantity Surveying Division**  
Sr Amelia Fok QSD Council Chairperson

## Visit to InnoCell at the Hong Kong Science and Technology Park Corporation (HKSTP) (27 March 2021)

On 27 March, Sr Sunny Choi (QSD Vice Chairman), Sr Rex Ying (QSD Honorary Treasurer), Sr Paul Wong (HKIS Vice-President and QSD Past Chairman), Sr Raymond Kong (QSD Immediate Past Chairman), Sr Dr Paul Ho (QSD Past Chairman), six Council members, eight BSD members, and I visited InnoCell at the HKSTP. We were received by Sr Steven Chan, Associate Director of Contract Management of HKSTP, and his team. Sr Samuel KC Leung, Senior Commercial Manager of Hip Hing Construction Co, Ltd, the main contractor of InnoCell, and his team was also present to introduce the project's details and guide us on a tour of the site.

To start, the delegation was given a brief account of the project's background, its contract procurement strategy, payment terms, arrangement of insurance and warranty, application of innovative technologies, the challenges it faced during the construction of the project, etc. This was followed by a site visit to the common areas and various accommodation units in the building.

InnoCell is located inside a 17-storey building offering 511 bed spaces for talent and incubatees from the Science Park and is the first multi-storey Modular Integrated Construction (MiC) project to have obtained approval from the Buildings Department (BD). This \$800 million contract contains 418 MiC modules that adopted factory assembly followed by on-site installation and innovative technologies such as BIM, 3D drone scanning, 3D printing, and real-time GPS tracking delivery throughout the life of the project.

With the adoption of MiC, InnoCell has benefited in several ways: completion time has been reduced by 30%, total construction vehicles count by 50%, inert waste by 20%, non-inert waste by 85%, and air quality level in terms of particulate matter (PM1) by 50% when compared to traditional construction methods.

InnoCell is a showcase for modern smart living and co-creation communities by offering flexible design and ancillary facilities. It will welcome its occupants in July 2021 tentatively.





Sr Amelia Fok presented a souvenir to Sr Steven Chan of HKSTP



## QSD Social Event: Aroma Stone-Making Workshop (27 March 2021)

After the QSD halted its social events for a year due to Covid-19, the event was resumed on 27 March with an online aroma stone-making workshop. Thirteen members participated in this event and received unique scented bears among their preferred essential oils after the workshop.

Thanks go to Sr Christina Wong and Sr Frank Poon (Chairlady and Vice-Chairman of QSD Social Event Sub-Committee) for arranging this workshop and Sr Raymond Kong (QSD Immediate Past Chairman) for his participation.

The QSD will organise its next event in June or July 2021. Stay tuned for the details.



## Online Forum on DEVB Security of Payment (SOP) Provisions (30 March 2021)

In response to the Development Bureau's (DevB) request to evaluate certain documents before they are published and in force, Sr Raymond Kam, Chairman of the HKIS Task Force on

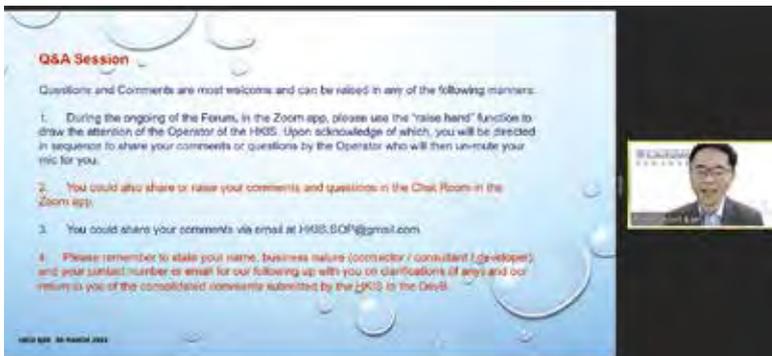
Security of Payment and Past QSD Chairman, convened an online forum for members to do that on 30 March. The drafts they commented on were:

- (1) Draft technical circular (Works) to implement the spirit of the security of payment (SOP) legislation in all new public works contracts
- (2) Draft booklet of SOP Provisions as a reference for incorporating such terms into relevant subcontracts under the main contracts
- (3) A draft leaflet highlighting the key features of SOP provisions

Sr Kam started the forum with a briefing of the contents of the above drafts with the following headings:

- SOP framework
- SOP provisions for the main contracts
- Specific proposals outside the SOP framework's incorporation of SOP provisions by way of mandatory subcontract conditions
- Direct payments to settle unpaid adjudicated balances
- On-site promotions
- Report on a contractor's performance

A Q & A session followed the forum with overwhelming responses from the participants. I express my sincere thanks to Sr Kam for consolidating the comments to DevB.



## APC Best Candidate Award (17 April 2021)

The prize presentation ceremony for the Assessment of Professional Competencies (APC) Best Candidate Award for 2019 and 2020 was held on 17 April at the Surveyors Learning Centre after the completion of Part II of the QSD online APC Workshop.

The APC Best Candidate Award 2019 went to Sr Karen Yu, who was accompanied by Sr Ling Lam and Sr Tiffany Chan (Managing Director and Director of Rider Levett Bucknall Limited) to receive it. Sr Beverly Yau received the APC Best Candidate Award 2020 in the presence of Sr Michael Yu and Sr Jill Kennedy (Regional Managing Director and Director of Currie & Brown).

Before the ceremony, Sr Yu and Sr Yau were invited to share their experiences in preparing the APC for probationers during the Workshop.



1. From L to R: Sr Tiffany Chan, Sr Ling Lam, Sr Karen Yu (Awardee of APC Best Candidate Award 2019) and Sr Amelia Fok
2. From L to R: Sr Michael Yu, Sr Beverly Yau (Awardee of APC Best Candidate Award 2020), Sr Amelia Fok and Sr Jill Kennedy
3. Group Photo with Speakers of APC Part II Workshop

### Joint CPD Event: Digital Construction and the Way Forward (19 April 2021)

The QSD was delighted to invite Ir Elvis Hui, Senior Manager, Works & Contracts of the Urban Renewal Authority (URA), and his colleagues to deliver a free CPD talk on “Digital Construction and the Way Forward” on 19 April. It was an inaugural CPD talk jointly organised by the Hong Kong Institute of Architects, Hong Kong Institute of Construction Managers, Hong Kong Institution of Engineers (Building Division), and QSD. Some 1,000 members registered for this event.

After the opening speech by representatives of the four institutes, Ir Hui and his colleagues took turns introducing the URA’s digital transformation in the following ways:

- BIM applications
- Centralised building monitoring system for existing buildings
- Digital works supervision system (DWSS)
- Sterilisation of ventilation pipe outlets

The entire talk was comprehensive and gave the audience a more thorough understanding of the innovative technologies that are being applied to URA projects.

Thanks go to Sr Betty Lo (QSD Council member and CPD Sub-committee Chairperson) for organising this talk. The QSD looks forward to conducting more collaborations and knowledge exchanges with the other institutes in the near future.



Presentation of Souvenir to Ir Elvis Hui of URA (4th from left) and his team

