Building information modeling (BIM) has changed the way how information should be handled and interpreted. Charles Darwin and many others discovered that “it is not the strongest of the species that Survive, not the most intelligent, but the one most responsive to change”. Hence, Quantity Surveyors (QSs) need to have appropriate technological advancements to adapt themselves to the faster changing practice. With advantages like automated measurement, and simultaneous cost estimation with design changes, whole life cycle cost analysis, valuation of construction work etc. the various BIM tools provide higher efficiency, optimization, and accurate projections during the design and construction stage. The usage of BIM in Facilities Management (FM) stage is gaining momentum, adding to role of QSs in guiding developers and owners, about effective financial control of maintenance and case based reasoning over the selection of materials. Similarly, using new data formats like Construction Operations Building Information Exchange (COBie) during design and construction stage can help in effective project control over the entire Lifecycle.

However, accurate cost information from BIM model is still a challenge pertaining to hindrances such as incorrect modelling techniques, wrong information inputs, level of details etc. are prevalent in current practice. To harness the ultimate benefits from BIM, clear delineation of legal and contractual matters will ensure better collaboration. Moreover, with deeper infiltration of information technology in construction, need for knowledge upgradation is necessary. With advancement in BIM, the approach to handle information is changed drastically and QSs need to be ready for it. The essence of strategy for change and to get ready is through discovery learning as Bruner (1961) suggested that one should 'learn by doing'.

It has been some years since local architects, engineers and builders embarked on their BIM adoption journey. Quantity Surveyors thwarted to be BIM pioneers because they are BIM model users, not model authors. BIM brings along many benefits and applications, one of which is a more efficient and accurate quantity take-off, aka 5D BIM. With 5D BIM, higher quality cost estimates and bill of quantities could be produced efficiently and this would in turn benefit the developers. But 5D BIM requires quality BIM models which designers are unable to produce or share until in recent years. Quantity surveyors now not only have the opportunity to enhance their services in adopting this revolutionary technology, they risk becoming irrelevant in this world of disruptive technology unless they pick up new skill in 5D BIM.

How can a Quantity Surveyor develop such skill? What is his role in the new culture of BIM Collaboration? What contribution and value add can he offer to his client? Mr Loh will share his thoughts on this and how 5D BIM is done in his practice. He will also share on some case studies and lessons to learn.
REGISTRATION FORM

Closing date for registration: 10 November 2017

QS BIM Journey

Date: 16 November 2017 (Thursday)
Time: 2.00pm to 5.30pm (Registration starts at 1.30pm)
Venue: Carlton Hall, Level 2, York Hotel, 21 Mount Elizabeth S (228516)

Fees/Category (includes GST, seminar notes and refreshments)

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<th>Category / Membership No.*</th>
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We offer group discounts:

- 5% discount for Group of 3 to 6
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PAYMENT MODE (please tick one box only)

- Via ibanking/Bank transfer. Details as follows: **DBS current account no: 007 005007 0**. Please either include the invoice number or “QS161117_your initials” when transferring
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- Invoice company

**Car park coupons are available at a discount rate of $4.00 a piece for the afternoon.**

Notes

Registration is on a first-come-first-served basis. Registration by fax or email will only be accepted upon receipt of payment. Confirmation of registration will be given via email or fax. No cancellation is allowed once registration is confirmed.

Fees paid are not refundable under any circumstances. This will also apply to participants who are unable to attend on that day. However, substitution can be made in writing at least 3 days before the seminar. In the case of a non-member substituting a member, the non-member will have to pay the fee difference.

SISV reserves the rights to change the programme or cancel the seminar as may be necessary. Every effort will be made to inform participants in the seminar of any cancellation and full refund will be made to participants.

For seminar enquiries and registrations, please contact:

- Dina ☎: 64240286 ✉: dina@sisv.org.sg
- Joel ☎: 64240287 ✉: qs.admin@sisv.org.sg

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### Name of Participants

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