Some Pointers for Better Contracting of Construction Projects - 3rd Run

1. Included in this talk are pointers, which have come to my mind based on my years of experience and involvement in contracts of construction projects in Singapore and Malaysia. It is not my intention to discuss everything and every issue that one may come across in contracting of construction projects. Pointers given confine only to those issues and things that some practitioners seem to have overlooked, ignored or have not given due regard and attention to. Many of these issues and things are so simple and obvious and yet appear not to have caught the attention of some practitioners of the construction industry. It is not denied that more pointers could have been included. I have not done so because, I take cognisance of the fact that ways to contract construction projects are very much influenced and controlled by human behaviours, how the human mind works, and business practices of contracting parties, all of these are again dependent very much on contracting parties cultural background, business policy as well as strategy, traditional modus operandi, and the era circumstances and environment the contract is performed. Furthermore, a human mind could work in such a way that it could be beyond the imagination of ordinary people. I am an ordinary person. Giving due regard to the aforesaid, there could be no end to the list of pointers. Hence, I have therefore decided that pointers I will be discussing should confine to those related to only common issues and matters. Some pointers given herein may appear to be repetitions. It is really not so because, the issues and matters involved are somewhat related but different. 2. It should also be noted that many pointers given herein involve not just one member of the project team [PT] (comprising the contracting parties, project professional consultant and the contract administrator) but all of them. 3. It should be noted further that all opinions stated in these notes are mine, and NOT those of the organiser of this course, or any of his affiliated organisations.

Venue
IES Academy@ Jurong East 80
Jurong East St 21 #04-10 Devan
Nair Institute Singapore 609607

Date and Time
16 Jan 2018 to 16 Jan 2018
0900 to 1700
9.00am - 5.00pm
16 Jan 2018, Tuesday

Contact Details
Contact Person: Lee Woon (Ms)
Email: hon.lw@iesnet.org.sg
Phone: 64611250 / 64639211
Fax:

Institution of Engineers, Singapore
22 Jan 2018 to 22 Jan 2018

Advanced Structural Concrete Design 1st Run

This course covers topics rarely covered to any great extent at undergraduate level. The emphasis is on hand-based methods. They can be used directly for design or for the checking of computer-based designs. However, rather than just providing an alternate design method of equal difficulty to conventional procedures, it will be found that many problems can be tackled surprisingly easily using these powerful methods. The methods are an aid to understanding. Many worked examples are presented showing how the various methods can be used. The emphasis is on the use of the methods for practical problem solving, so little theory is presented. Appropriate reference will also be made to SS EN 1992 series on Design of Concrete Structures.

Venue
IES Academy@ Jurong East 80
Jurong East St 21 #04-10 Devan
Nair Institute Singapore 609607

Date and Time
22 Jan 2018 to 22 Jan 2018
0900 to 1715
9.00am - 5.15pm

Contact Details
Contact Person: Lee Woon (Ms)
Email: hon.lw@iesnet.org.sg
Phone: 64611250 /64639211
Fax:
The construction industry is important to Singapore's economic growth, contributing nearly 5% of GDP in 2015. During construction, however, projects could pose a significant risk to environmental health, potentially causing noise pollution or the spread of infectious vector-borne diseases such as dengue and malaria. Construction practices that inadequately address these issues can have damaging implications, such as adversely affecting the health and well-being of workers on-site and neighbouring communities. A balance between operational and environmental concerns is therefore crucial to ensure that timely completion of projects does not come at the cost of endangering our health and environment. The scope of this course will cover foundational concepts relating to noise and vector-borne diseases, as well as key sources and health impacts relating to noise pollution and vector-borne diseases from construction sites. Management and control measures to address these concerns will also be discussed.

Venue
IES Academy@ Jurong East 80
Jurong East St 21 #04-10 Devan Nair Institute Singapore 609607
Date and Time
31 Jan 2018 to 31 Jan 2018 1815 to 2130
6.15pm - 9.30pm 31 Jan 2018, Wednesday
Contact Details
Contact Person: Lee Woon (Ms)
Email: hon.lw@iesnet.org.sg
Phone: 64611250 /64639211
Fax:
Land-scarce Singapore has historically looked to build both upward with taller buildings and outward by reclaiming land from sea. However, another area that Singapore could do more with, is its underground space. The underground space holds possibilities for creating additional subterranean transport hubs, pedestrian links, cycling lanes, utility plants, storage and research facilities, industrial uses, shopping areas and other public spaces. Developing competency in the area of underground construction is critical to realizing such subterranean construction projects. The Specialist Diploma in Underground Construction aims to equip contractors and consultants at the supervisory level with the knowledge in geotechnical design concepts, considerations and construction techniques so as to support increasingly complex and challenging underground construction projects.

### SPECIALIST DIPLOMA IN UNDERGROUND CONSTRUCTION

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
9 Jan 2018 to 8 Jan 2019
1830 to2130
Application closing: 17 Nov 2017
Starting on 9 Jan 2018,
Approximately 1 Year including term break

**Contact Details**
Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

### BUILT ENVIRONMENT AND PROPERTY PROSPECTS SEMINAR 2018

The global cyclical recovery continues. Economies of China, USA and Eurozone are showing signs of recovery. Nearer to home, ASEAN economies such as Indonesia and Malaysia are projected to remain resilient, riding on healthy domestic demand and sustained improvement in exports. While the global economic recovery is expected to continue, global political risks remain from uncertainties over policies of the US administration and on-going Brexit negotiations. Against this backdrop, how will the built environment in Singapore perform in 2018? What are the opportunities, challenges and prospects for the Singapore built environment? How should companies prepare themselves during such unpredictable times? What should built environment firms look out for locally and beyond Singapore? Once again, the seminar brings together prominent economist, policy makers and industry experts to address these burning questions.

**Venue**
Grand Copthorne Waterfront Hotel

**Date and Time**
11 Jan 2018 to 11 Jan 2018
0930 to1700

**Contact Details**
Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

### Some Pointers for Better Contracting of Construction Projects - 3rd Run

1. Included in this talk are pointers, which have come to my mind based on my years experience and involvement in contracts of construction projects in Singapore and Malaysia. It is not my intention to discuss everything and every issue that one may come across in contracting of construction projects. Pointers given confine only to those issues and things that some practitioners seem to have overlooked, ignored or have not given due regard and attention to. Many of these issues and things are so simple and obvious and yet appear not to have caught the attention of some practitioners of the construction industry. It is not denied that more pointers could have been included. I have not done so because, I take cognisance of the fact that ways to contract construction projects are very much influenced and controlled by human behaviours, how the human mind works, and business practices of contracting parties, all of these are again dependent very much on contracting parties cultural background, business policy as well as strategy, traditional modus operandi, and the era circumstances and environment the contract is performed. Furthermore, a human mind could work in such a way that it could be beyond the imagination of ordinary people. I am an ordinary person. Giving due regard to the aforesaid, there could be no end to the list of pointers. Hence, I have therefore decided that pointers I will be discussing should confine to those related to only common issues and matters. Some pointers given herein may appear to be repetitions. It is really not so because, the issues and matters involved are somewhat related but different.2. It should also be noted that many pointers given herein involve not just one member of the project team [PT] (comprising the contracting parties, project professional consultant and the contract administrator) but all of them.3. It should be noted further that all opinions stated in these notes are mine, and NOT those of the organiser of this course, or any of his affiliated organisations.

**Venue**
IES Academy@ Jurong East 80
Jurong East St 21 #04-10 Devan Nair Institute Singapore 609607

**Date and Time**
16 Jan 2018 to 16 Jan 2018
0900 to1700
9.00am - 5.00pm
16 Jan 2018, Tuesday

**Contact Details**
Contact Person: Lee Woon (Ms)
Email: hon lw@iesnet.org.sg
Phone: 64611250 /64639211
Fax:
Advanced Structural Concrete Design 1st Run

This course covers topics rarely covered to any great extent at undergraduate level. The emphasis is on hand-based methods. They can be used directly for design or for the checking of computer-based designs. However, rather than just providing an alternate design method of equal difficulty to conventional procedures, it will be found that many problems can be tackled surprisingly easily using these powerful methods. The methods are an aid to understanding. Many worked examples are presented showing how the various methods can be used. The emphasis is on the use of the methods for practical problem solving, so little theory is presented.

Appropriate reference will also be made to SS EN 1992 series on Design of Concrete Structures

Venue
IES Academy@ Jurong East 80
Jurong East St 21 #04-10 Devan
Nair Institute Singapore 609607

Date and Time
22 Jan 2018 to 22 Jan 2018
9.00am - 5.15pm
22 Jan 2018, Monday

Contact Details
Contact Person: Lee Woon (Ms)
Email: hon.lw@iesnet.org.sg
Phone: 64611250 /64639211

Building and Construction Authority

ESSENTIALS OF CONTRACTORS ALL RISKS POLICY

Construction sites are often exposed to risks. Collapse, flooding, fire, falling debris, accidents involving workers or even damage to third party properties are among the common concerns at on-going project site. This course comprising of lectures and case studies, will enable participants to appreciate basic concepts in risk management and acquire better knowledge of the Contractors All Risks (CAR) insurance policy. Besides policy coverage, issues of dealing with CAR claims will also be addressed during the session.

Venue
BCA Academy, 200 Braddell Road, Singapore 579700

Date and Time
23 Jan 2018 to 23 Jan 2018
0900 to1730

Contact Details
Contact Person: Customer Service Officer
Email: bca
Phone: 6248 9999
Fax: 6258 0558

Increasing Productivity: New Developments in Construction Method & Materials 6th Run

Development projects are increasingly demanding as the clients becomes more sophisticated and requires their project to be built with better productivity and sustainability. At the same time, over the years there has being a gradual accumulation of practical experience around the world on specific methods of construction like prefabricated-prefinished volumetric construction (PPVC) and materials like self-compacting concrete (SCC) and cross laminated timber (CLT).

Venue
IES Academy@Jurong East

Date and Time
24 Jan 2018 to 28 Nov 2017
1500 to2200
3pm - 10pm
24 January 2018 (Wednesday)

Contact Details
Contact Person: Florence Lee
Email: florence.lee@iesnet.org.sg
Phone: 64604248
Fax:

Noise Pollution and Vector-Borne Diseases as Environmental Health Concerns from Construction Sites (1st Run)

The construction industry is important to Singapore’s economic growth, contributing nearly 5% of GDP in 2015. During construction, however, projects could pose a significant risk to environmental health, potentially causing noise pollution or the spread of infectious vector-borne diseases such as dengue and malaria. Construction practices that inadequately address these issues can have damaging implications, such as adversely affecting the health and well-being of workers on-site and neighbouring communities. A balance between operational and environmental concerns is therefore crucial to ensure that timely completion of projects does not come at the cost of endangering our health and environment. The scope of this course will cover foundational concepts relating to noise and vector-borne diseases, as well as key sources and health impacts relating to noise pollution and vector-borne diseases from construction sites. Management and control measures to address these concerns will also be discussed.

Venue
IES Academy@ Jurong East 80
Jurong East St 21 #04-10 Devan
Nair Institute Singapore 609607

Date and Time
31 Jan 2018 to 31 Jan 2018
1815 to2130
6.15pm - 9.30pm

Contact Details
Contact Person: Lee Woon (Ms)
Email: hon.lw@iesnet.org.sg
Phone: 64611250 /64639211
### BPM ANNUAL SHARING SESSION 2018

The seminar serves to provide a platform for QPs and industry stakeholders to: (a) be updated on new regulatory requirements that are in the pipeline; (b) gather insights into non-compliances of recent projects based on BCA Building Plan and Management Groups observation; and (c) seek clarification on requirements, and provide feedback to BCA to fine-tune regulatory requirements.

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<th>Venue</th>
<th>Date and Time</th>
<th>Contact Details</th>
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</table>
| BCA Academy, 200 Braddell Road, Singapore 579700 | 2 Feb 2018 to 2 Feb 2018 1400 to 1730 | Contact Person: Customer Service Officer  
Email: bca_academy@bca.gov.sg  
Phone: 6248 9999  
Fax: 6258 0558 |

### IMPERIAL COLLEGE LONDON BCA EXECUTIVE DEVELOPMENT PROGRAMME ON DFMA AND IDD LEADERSHIP 2018

This programme supports the development of leadership capability in Design for Manufacture and Assembly (DFMA) and Integrated Digital Delivery (IDD). The programme is hosted by the Centre for Systems Engineering and Innovation at Imperial College London. Designed for C-Suite Executives, Senior Management and top decision makers of the sector, this programme is a combination of learning journeys, keynote lectures, and executive discussions with leading academicians, DFMA experts and practitioners from UK to understand how DFMA process from design, fabrication to assembly can be optimized; and apply digital strategy to DFMA projects.

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<tr>
<th>Venue</th>
<th>Date and Time</th>
<th>Contact Details</th>
</tr>
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</table>
| BCA Academy, 200 Braddell Road, Singapore 579700 | 17 Mar 2018 to 22 Mar 2018 0830 to 1730 | Contact Person: Customer Service Officer  
Email: bca_academy@bca.gov.sg  
Phone: 6248 9999  
Fax: 6258 0558 |

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