



ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

ACES Half-Day Training Collaborative Contracting - NEC4

Date: 13 December 2022 (Tuesday)

Time: 8.45 am to 1.00 pm

Mode of Delivery: In-person

Venue: **Mercury, Level 5, Furama Riverfront Hotel**
405 Havelock Road Singapore 169633

CPD: PEB: 4 PDU
BOA-SIA: 2 CPD
SISV (QS): 3 CPD
SPM – CPD: Pending

Fee: ACES Member **\$180 nett per person**
CIJC Members/other TACs member @ **\$220 nett per person**

Registration link and QR Code

<https://forms.gle/Sujv5jiJnfjBbcZE8>



PROGRAM OUTLINE

| | | Topic | Speakers |
|----------------------|----------|--|--|
| 8.30 am to 8.45 am | | Registration | |
| 8.45 am to 8.55 am | 10 mins | Opening address | Er. Lim Kuan Pow, ACES Chair Professional Development Mr. Heng Teck Thai, BCA Deputy CEO (Communications and Engagement) |
| 8.55 am to 9.25 am | 30 mins | Topic 1: Starting your Collaborative Contracting journey | Mr Ng Man Hon, Director, Procurement Policies Department, Business Development Group, Building and Construction Authority (BCA) |
| 9.25 am to 10.45 am | 80 mins | Topic 2: The NEC conditions of contract and how they can contribute to collaborative contracting in Singapore | Mr. Richard Patterson (Mott MacDonald) |
| 10.45 am to 11.00 am | | Tea Break | |
| 11.00 am to 12.40 pm | 100 mins | Topic 2 (cont'd) | Mr. Richard Patterson (Mott MacDonald) |
| 12.40 am to 1.00 pm | 20 mins | Q & A and Panel Discussion | Moderator: Er. Lim Kuan Pow |
| 1.00 pm | | End of Training | |

THE SPEAKER AND TOPIC

Topic 1: Starting your Collaborative Contracting journey

By Mr. Ng Man Hon (BCA)

Synopsis:

The presentation would cover BCA's ongoing efforts and engagement with industry stakeholders in widening the adoption of collaborative contracting. It also discusses a few practical steps for parties to get ready for the move towards collaborative contracting as part of Industry Transformation for the Built Environment sector.



Mr Ng Man Hon, Director, Procurement Policies
Department, Business Development Group, Building and Construction
Authority (BCA)

Man Hon is currently the Director of Procurement Policies Department in the Building and Construction Authority, Singapore. His department looks after the construction procurement policies for Singapore public sector. These cover registration of contractors and consultants, tender evaluation frameworks, standard contract forms, Security of Payment legislation and also widening the adoption of collaborative contracting in Singapore.

Topic 2: The NEC conditions of contract and how they can contribute to collaborative contracting in Singapore

By Mr. Richard Patterson (Mott MacDonald)

Synopsis:

The NEC is a family of contracts document for various types of procurement of projects and services. They are rightly being considered for use in Singapore. The course will focus on the NEC Engineering and Construction Contract (ECC). It will include:

- ❖ An overview and summary of NEC and why it is so different from traditional forms.
- ❖ A high-level comparison of NEC and FIDIC contracts.
- ❖ An overview of the parts of the contract and the process of putting an ECC tender document together.
- ❖ An introduction to the key elements of ECC contract management including:
 - early warning
 - programme
 - compensation events
- ❖ A discussion on what need to happen for NEC to work in Singapore.

OBJECTIVES

At the end of the session participants should:

- ❖ Understand the principles of NEC
- ❖ Be able to advise a client on contract strategy and the use of the various options in the ECC
- ❖ Understand the work involved in preparing an ECC tender document
- ❖ Understand in principle what will be involved in ECC contract management.

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Mr. Richard Patterson is a chartered civil engineer, Fellow of the Institution of Civil Engineers (FICE) and procurement and NEC specialist and has been with global development, engineering and management consultant, Mott MacDonald for 33 years. Richard was part of the drafting team for NEC4, has been part of the ICE's working group on procurement, contracts and carbon/net zero and was one of the four-person team that developed NEC's recently released secondary option X29, Climate change.

Richard leads on NEC for Mott MacDonald and delivers in-house and client training and training for NEC Training, including their 4 day ECC Project Manager accreditation course.

Richard is very keen on getting NEC used more widely and has given NEC training in Australia, Bangladesh, Brunei, Ethiopia, France, Germany, Hong Kong, Ireland, New Zealand, Qatar, Peru, Sierra Leone, Singapore, South Africa, Spain, Sri Lanka and the USA.

Richard has contributed to two NEC books, had 7 NEC papers published in ICE's Proceedings and sat on the Editorial Advisory Panel of the ICE's journal, Management, Procurement and Law. He is also a frequent contributor to the NEC website and newsletter (52 articles at the last count!). Most of his articles are linked from his Linked-in page at:

<https://www.linkedin.com/today/author/coolsoberandsmiling>

REGISTRATION FORM

For enquiry, please call ACES Secretariat at Tel: 6659 5023
Kindly sign and submit your completed registration form to secretariat@aces.org.sg

| Code | Title | Nett Fee per pax | Date / Time | Venue |
|------|--|---|--|--|
| S57 | ACES Half-Day Training Collaborative Contracting - NEC4 | ACES Member: \$180 CIJC/other TACs \$220 | 13 December 2022 (Tuesday) 8.45 am to 1.00 pm | Mercury, Level 5 Furama Riverfront Hotel 405 Havelock Road Singapore 169633 |

| S/N | Full Name per NRIC | PE No. BOA No. SPM / PPM Reg No SISV Reg No. | NRIC (Sxxxx123A) | Contact | Email |
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PAYMENT METHOD

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Local Cheque should be crossed and made payable to "Association of Consulting Engineers Singapore".
Mail to ACES address: Association of Consulting Engineers Singapore 18 Sin Ming Lane #06-01 Midview City, Singapore 573960.
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