

Win-Win Approach For Construction Project Delivery By Awarding A Design-And-Build Contract (1st Run)



Introduction

In the 1950's and 1960's, most construction projects in Singapore were implemented by project owners first hiring technical consultants to prepare a design for their projects and then awarding a contractor to construct it based on design. Such procedure appeared to be workable and satisfactory to all players of the construction industry. However, in the mid 60's and early 70's when design and construction of high-rise building, large multi-usage complexes and mega-infrastructures began to be undertaken, coordination of design and construction works became more and more vital and important. Because of the lack of experience and diligence, design and construction works were not properly and timely coordinated, resulting in improper dovetailing of and undue delay to overall project delivery. It was identified then that such pitfalls were basically caused by splitting the responsibilities of design and construction. Led by government agencies, the construction and development industry came forward with the design and construction responsibilities on one shoulder, the shoulder of a design-and-build contractor. Hence project owners began to award design-and build contracts (D&BC). It was unfortunate that at that time, project owners as well as contractors had not quite equipped themselves with appropriate knowhow in respect of the documentation, modus operandi and the ins and outs of a D&BC. Furthermore, many of them also failed to understand and appreciate the real and principal objective intended to be served by awarding such form of contract. Hence, many so-called D&BCs awarded in Singapore were and still are in hybrid forms.

Course Details

Date : 17 May 2018

Time : 9am – 5pm

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

CPD : 2 CPD (Confirmed) / 6
PDU (To be confirmed)

Course Fees

IES Members : \$ 267.50

CIJC Member : \$ 288.90

Non- Members: \$ 321.00

- Fees inclusive of 7% GST, course materials, lunch and tea breaks
- Certificate of Attendance will be given to participants with at least **100%** attendance.

Objective

The purpose of this short course is to equip participants with such knowhow and to draw their attention to the proper ways to administer such contracts and to manage their projects. The common pitfalls of awarding different hybrid forms of D&BC will also be discussed in general terms.

Course Outline

1	Different methods of construction project procurement
2	Why opting for awarding a DESIGN-AND-BUILD CONTRACT (D&BC)
3	Different forms of D&BC
4	Pros and Cons of project procurement by awarding a D&BC
5	Pre-requisites for project owners and contractors who opt to enter into D&BC
6	Essential documents for a D&BC
7	Tendering for a D&BC and tendering evaluation
8	Do's and Don'ts for administration of a D&BC
9	Final Words of advice
10	Different Hybrid forms of D&BC known to have awarded in Singapore
11	Common pitfalls of awarding each hybrid form are identified

Target Audience

Course is suitable for those managing construction projects, Engineers, Architects and Quantity Surveyors

Lecturer's CV: - Mr. Wong Yui Cheong

Mr. Wong Yui Cheong B Sc (Engineering) London, Retired P Eng (UK) and PE (Singapore), FIES, F ASCE, Retired FICE, is known to his friends and business associates as Y C Wong. He had his basic education in China and Malaysia and tertiary education in London. Before his retirement in 1999, he had practiced civil and structural engineering and was responsible for the design and construction of many infra-structures residential and commercial mega-complexes, industrial estate planning and management and management of construction projects for 43 years in the capacity of contractor, consulting civil and structural engineer, senior public servant, construction project manager and real-estate developer. His experiences span across permanent-way engineering, large waterfront structures, industrial commercial and residential mega-complexes.

He owned and operated his own construction project management consulting firm (Y C Wong Consultants). Immediately after his retirement, he joined the faculty of the School of Civil and Environmental Engineering in Nanyang Technological University and was appointed adjunct professor in 1999 through 2011. He lectured in construction project management, construction contract administration and construction project risks management in the Master of Science (International Construction Management) programme.

He had also served as member of board of directors of a few large publicly-listed and non-listed companies in Singapore, member of Professional Engineers Board Singapore and council member and vice-president of Institution of Engineers Singapore. He was a receiver of a medal for public services in Singapore after serving as a member of Singapore Land-acquisition Appeals Board.

IES Academy: IES Academy@Jurong East,
80 Jurong East Street 21, #04-10 Devan Nair Institute,
Singapore 609607

Contact Person: Ms Lee Woon



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REGISTRATION FORM

Win-Win Approach For Construction Project Delivery By Awarding A Design-And-Build Contract (1st Run)					
Date:	17 May 2018				
Time:	9.00am to 5.00pm				
Duration:	1 Day				
Venue:	IES Academy@Jurong East 80 Jurong East Street 21 #04-10 Devan Nair Institute S(609607)				
Course Fee:	IES Members: \$ 267.50 / CIJC Member: \$ 288.90/ Non- Members: \$ 321.00				
CPD Programme:	2 CPD (Confirmed), 6 PDU (To be confirmed)				
Course Coordinator:	Lee Woon (Ms) Contact: 6461 1250 / Email: hon.lw@iesnet.org.sg				
Closing Date for Registration:	9 May 18 or till class is full (whichever comes first)				
Participant's Details:					
Name:				NRIC/Fin:	
Company:				Designation:	
Address:					
				Postal Code:	
Office No:		Mobile:		Fax:	
Email: <i>(for sending of confirmation)</i>					
Please indicate:	<input type="checkbox"/> IES Member No:	<input type="checkbox"/> Non Member	<input type="checkbox"/> RTO/RE/PE No:		
	<input type="checkbox"/> Sponsored by Company	<input type="checkbox"/> Special Meal Request ~ Vegetarian (no egg, garlic and onion)			
Contact Person (eg: HR/Accounts Department, if sponsored)					
Name:				Designation:	
Office No:		Mobile:		Fax:	
Email:					
Address: <i>(for mailing of invoices & receipts)</i>					
Payment:	Cash/Nets/Cheque No:			Amount:	
➤ Cheque to be made payable to ' ENGINEERS SINGAPORE PTE LTD ' ➤ Course fee is inclusive of 7% GST					
Acceptance of Terms & Conditions for Registration of IES Academy Courses / Events					
I have read, deemed understood and accept the Terms & Conditions of IES Academy courses and events.					
Name:					
Signature:			Date:		

TERMS & CONDITIONS COURSE REGISTRATION

Registration

Any registration, whether on-line or fax will be on a first-come-first-served basis and will only be confirmed upon receipt of full payment by Engineers Singapore Pte Ltd unless otherwise invoice to company.

All registrations must be submitted with duly completed registration form.

Closing Date & Payment

The closing date of the event will be 1 week prior to event commencement date or earlier. Cheques should be crossed 'A/C payee only' and made payable to 'Engineers Singapore Pte Ltd', with the Title of The Event indicated clearly written on the back of the cheques, and submitted with the duly completed registration forms to:

Att: Lee Woon (Ms)
IES Academy@Jurong East
Devan Nair Institute for Employment and Employability,
80 Jurong East Street 21, #04-10
Singapore 609607

Confirmation of Registration

Confirmation of registration will be given at least 1 week before the commencement date via email. If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.

IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees

Written notice at least 1 week in advance before the commencement of the event

Full course fee shall be refunded subjected to 4.5% transaction charge.

➤ NO refund otherwise.

No show of participant would not be accepted as a valid reason for withdrawal/refund.

One time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement

Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if any Event is cancelled by IESA.

PERSONAL DATA PROTECTION ACT

I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer to: www.ies.org.sg/PDPA.

Enquiries

For further enquiries, please contact IESA general office at Tel: 6463 9211.