

An Overall View of Procurement of Construction Project by Awarding a Design-and-build Contract and its Common Pitfalls 2nd run



Introduction

For some years, major players of the construction industry and government agencies in Singapore having interest in construction projects had been promoting and even taking a lead in procuring construction projects by awarding design-and-build contracts in lieu of by first hiring professional consultants to prepare project designs and then awarding a construction-only contracts to contractors. The speaker of this short course believes that the aforesaid organizations did so possibly because; they had suffered enough in the past, especially financially, the costly consequences of their professional consultants unduly delaying the supply of necessary information to contractors to enable the latter to carry out construction works as pre-scheduled and without uncalled-for interruption and delay. Hence, they turned to hiring a single entity to design as well as construct their projects or awarding design-and-build contracts for project delivery. It is unfortunate that many of them did so without fully realizing and appreciating the pros and cons and the primary objectives intended to be achieved for doing so. They simply jump on the bandwagon or just follow the crowd. The worst is that some even believe that awarding design-and-contract is a “be-all and end-all” vehicle of delivering construction projects. They also prefer to shut their eyes to many problems that could often arise when doing so. It has been proven such intended ignorance had cost the construction industry dearly, It is therefore felt that in order to enable contracting parties to enjoy the true benefits of project delivery by awarding a design-and-build contract as well as to forewarn the common pitfalls thereof, a better understanding thereof should be established, and the pros and cons of doing so should be thoroughly recognized and appreciated. This course is conducted with the view to achieve the aforesaid objective.

Details

Date : 6 December 2016
Time : 9am – 5pm
Venue : **IES Academy @ Jurong East**
Devan Nair Institute for
Employment and
Employability (e2i),
80 Jurong East Street 21,
#04-10 S(609607)
(Confirmed)
CPD : 3 STU (*Structural*) 2 CPD
& 6 PDU(Confirmed)

Course Fees

IES Members : \$ 230
CIJC Member : \$ 250
Non- Members : \$ 280

- Fees inclusive of 7% GST, course materials and lunch.
- Limited seats available (first-come- first-served basis).
- Certificate of Attendance will be given to participants with 100% attendance.

Who is it for?

Construction project owners as well as their project managers, architects, engineers and contractors, who are involved directly or indirectly in the operation and administration of Design-and-build Contracts, will undoubtedly be benefited by participating in this course so as to establish a better and more in-depth understanding of what Design-and-build Contracts are all about.

Objectives

During the last decade, many owners of construction projects undertaken in Singapore had turned to procuring such projects by awarding design-and-build contracts. However, the reason or reasons for them to do so is best known to them only. Some of them had also chosen to award somewhat hybrid forms of design-and-built contracts instead of thoroughbred ones. It is very sad to note that in many of these cases, performance of such contracts by contracting parties had ended up in a big mess and had given rise to many disputes between them and to failure of project delivery. The speaker had looked into some of these cases, and had established that most of the problems encountered had been principally caused by the lack of a thorough understanding of what design-and-build contracts are all about and how contracting parties are required to perform such contracts. The speaker of these courses also came to know that these project owners opted to award a design-and-build contract because, they were had suffered enough after paying dearly for uneconomical project designs produced by the architects and engineers they hired as well as mistakes made in such design and the un-called for delay to construction works solely caused by late supply of information to their contractors by their bunch of inefficient and unethical professional consultants. Hence, they were looking for a so-called "single-point-responsibility for overall project delivery." Some did so just the follow the crowd led by the Singapore Building and Construction Authority which had been earnestly promoting project procurement by awarding design-and-build contracts. Therefore, the basic objective of conducting this course is to help participants to know the true purposes that are intended to achieve by awarding design-and-build contracts and the right ways to perform them."

Course Outline

- 1 Different methods of construction project procurement,
- 2 Why opting for awarding a **DESIGN-AND-BUILD CONTRACT**,
- 3 Different forms of **DESIGN-AND-BUILD CONTRACT**,
- 4 Pros and cons of project procurement by awarding a **DESIGN-AND-BUILD CONTRACT**,
- 5 Pre-requisites for project owners and contractors who opt to enter into a **DESIGN-AND-BUILD CONTRACT**,
- 6 Essential documents for a **DESIGN-AND-BUILD CONTRACT**,
- 7 Tendering for a **DESIGN-AND-BUILD CONTRACT** and tender-evaluation,
- 8 Dos and Don'ts for administration of a **DESIGN-AND-BUILD CONTRACT**.
- 9 The comment pitfalls of a procuring a construction project by awarding a **DESIGN-AND-BUILD CONTRACT** will also be identify and discuss.

CVs of Lecturers:

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. He had also served as member of board of directors of a few large publicly-listed and non-listed companies in Singapore, council 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.

Registration Form – An Overall View of Procurement of Construction Project by Awarding a Design-and-build Contract and its Common Pitfalls 2nd run

Date : 6 December 2016
Time : 9am – 5pm
Venue : IES Academy @ Jurong East
Devan Nair Institute for Employment and Employability (e2i),
80 Jurong East Street 21, #04-10 S(609607) (To be confirmed)

Fees (Include GST):

IES Member: \$ 230 CIJC Member : \$ 250 Non-Members: \$ 280

Please register by completing the form and attached necessary document and email (scanned copies) to christine.lau@iesnet.org.sg /fax **by 22 November 2016 before 3pm** to:

Christine Lau
IES Academy @ Jurong East
Devan Nair Institute for Employment and Employability (e2i),
80 Jurong East Street 21, #04-10 S(609607)
Tel: 6463 9211 Fax: 6563 6030

Participant Details

*Name : _____ *NRIC : _____
(Please written in BLOCK Letter)

Company : _____ *Designation _____

*Address 1 : _____
(For mailing of invoice and receipt)

Address 2 : _____
(For mailing of Certificate)

*Postal Code : _____ Sex : _____ Male / Female _____

*Contact No. : _____ Fax : _____

*Your Email : _____

Please indicate : IES members IES M'ship No.: _____ P.E. No.: _____ (if applicable)
 Non-members Affiliated member _____ Membership No.: _____
 Sponsored by company (Please indicate the Contact person detail)

Contact Person Details (if different from participant)

#Name : _____ #Designation : _____

#Contact No. : _____ Fax : _____

#Email : _____

Payment Details

Bank / Cheque No : _____ Amount (\$): _____

~ All Fees are inclusive of 7 % GST.

~ Cheque should be made payable to: "**Engineers Singapore Pte Ltd**".

Acceptance of Terms and Conditions for Registrations of IES Academy's Events

I agree to abide by the Terms and Conditions for Registration of IES Academy's Events.

Name : _____ Signature : _____

***Mandatory entry**

#Compulsory Entry for participant who choose to be INVOICE to your company

TERMS & CONDITIONS COURSE REGISTRATION

Registration

Registration can be done either online or by faxing in the registration form.

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.**

Closing Date & Payment

The closing date of the event will be 7 days prior to event commencement date. Cheques should be crossed 'A/C payee only' and made payable to '**Engineers Singapore Pte Ltd**', with the ***Date of event, Title of The Event and participants' name indicated clearly on the back of the cheque***, and post to:

Att: Christine Lau
IES Academy @ Jurong East
Devan Nair Institute for Employment and Employability (ezi),
80 Jurong East Street 21, #04-10 S(609607)

Confirmation of Registration

Confirmation of registration will be given 7 days prior to the commencement date of event via email. If you do not receive the said confirmation email, you are required to contact IESA general admin immediately at 6463 9211 (office).

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

Withdrawals/Refunds of Fees

Notice of withdrawal must be given in writing to IESA. Policy on refund of course fee is as follows:

- **FULL** refund if we receive your written notice of withdrawal at least 7 days before the commencement of the Event.
- **NO** refund otherwise.

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

Replacement is allowed but restricted to once only. Replacement will be allowed only if written notice is received by us at least 3 working days 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 at general office at Tel: 6463 9211, alternately you may email your concern to christine.lau@iesnet.org.sg.