

Registration fee

IEM Members: RM15.00

Non-Members: RM70.00

FREE

for IEM Students
Members

Date:

23rd July 2022

(Saturday)

Time:

9.00am to 11.00am

Venue:

Malakoff

**Auditorium, Wisma
IEM, PJ**

BEM Approved

CPD/PDP

Hours: 2

Ref No:

IEM22/HQ/257/T

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PERSONAL DATA PROTECTION

ACT

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Technical Talk on “The concerns with Tendering, its subsequent impacts and how to overcome them ”

Organised By

Consulting Engineers, Special Interest Group, IEM

SYNOPSIS

All companies in Malaysia and internationally put out tenders to get projects done and fulfil their Company operational business objectives, which includes Microsoft, Google, NASA, TNB, Telekom, MRT Corp, Government etc. So why is it that the former has relatively very little problems but the latter has so many more? Why is it that there are so many project management problems, operational teething issues and long-term maintenance concerns once a tender is issued and awarded. Why is it that all such problems are getting worse over time instead of better, as it is logical that we are getting technologically more advanced, smarter and more resource sensitive over time? All of the above will be addressed and possible solutions suggested during this talk.

If FDIs are going to flow into Malaysia then, there are lots of projects that have to be carried out in the contextually correct, properly implemented and continuously monitored tenders that have been issued. It is no point for a Company or Governments to have a track record of “less than successful” projects and then keep asking why Companies are not thriving or FDIs are not coming to our ‘backyard’. There are ample tenders that can be used as examples for failed ‘requirement definition’, problematic project execution and life cycle maintenance issues. Has any entity asked to date; Why did the tender not fulfil its objectives? Have we benchmarked our tender against others? What elements that should have been included but were not? In this talk we will address why this is not so, and what can be done to improve the situation.

This talk will look into details of the tendering process, the elements that should be included, how to benchmark tenders and all other related issues that are of importance from the Client, contractor, vendor and deliverable end-user’s perspective and business concern.

SPEAKER BIODATA

Ir. S. Vignaeswaran PEPC has more than 30 years of working experience in the electrical, computer, IT, SCADA, project management and tendering field. He has been involved in state-of-the-art project applications which includes cyber-security, AI, big data etc from the 1990s. He has an Electrical Engineering degree from Monash University (Clayton, Australia) and a MSc in IT/BIS from University of Keele, UK. He continues to publish international papers in Engineering, IT, Computer automation (SCADA), Computer Security and the Project Management fields. He has published the June 2019 IEM magazine that has solely focused on the new developments in the Malaysian Cyber-Security approaches and trends. He is currently addressing advanced approaches in electrical asset / equipment life cycle and ROI maximization with some stakeholders. He has to date, done over a 100 Malaysian Oil & Gas tenders as a Contractor, carried out Malaysian National Security projects and has been Client’s HOD (Electrical & Automation) in a large-scale Saudi Arabian project up to RM 8 billion in value. Additionally, he has worked with international MNCs and vendors on advanced automation projects that incorporates cyber security, AI and new business needs by the very nature of their operational scope.



Prof. Dr. Ir. Tan Chee Fai AMN

Chairman

Consulting Engineers, Special Interest Group, IEM

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