



### **Seminar in Cost Engineering 2019**

By Dr Sara Lee Kit Yee

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The Seminar in Cost Engineering 2019 took place on 25<sup>th</sup> July 2019 at The Royal Widad Residence, Residensi UTM Kuala Lumpur. This seminar is organized by the Department of Quantity Surveying and Faculty of Built Environment & Surveying UTM and Construction Industry Development Board of Malaysia (CIDB), which provides platform among academicians, stakeholders and the industry players to share the importance of cost engineering in developing structured approach for cost management and financial risks in project procurement and management. The invited panellist will discuss the best practices and lesson learnt in developing cost engineering approaches that would provide a home ground advantage and a framework for managing the cost of engineering and construction projects. There are about 180 of participants attended this event.

The event started at 9 am with a welcoming speech by Ass. Prof. Sr. Dr. Razali bin Adul Hamid, the deputy dean of academic and student affairs, faculty of built environment and surveying, UTM. He thanks the support provided by CIDB Malaysia, Lembaga Lebuhraya Malaysia (LLM), Royal Institution of Surveyors Malaysia (RISM), Master Builders Association Malaysia (MBAM), Association of Consulting Engineers Malaysia (ACEM), Board of Quantity Surveyors Malaysia (BQSM), Institute of Engineers Malaysia (IEM\_) and Ministry of Works (KKR) Malaysia. This was followed by an opening speech by Prof. Dr. Azlan bin Abdul Rahman, the deputy vice-chancellor of development, UTM, who welcomed the participants and guest from various industry ranging from quantity surveyor, civil engineer, mechanical engineer, chemical engineer and other professions. Next, a keynote was addressed by Dato' Dr. Syed Omar Sharifuddin Bin Syed Ikhsan, secretary-general of Ministry of Works. The programme ends with the guest speaker, Sr. Mohd Zaid Zakaria (General Manager of CIDB Malaysia) before the coffee break.

The forum started at 10:30 am with different presentations done by representatives from different industry. The moderator, Adjunct Prof Sr Dr. Mohd Mazlan Che Mat introduced the first speaker, Adjunct Prof. Dato' Sr. Aziz Bin Abdullah (Director General Malaysian Highway Authority), who gave a presentation on financial risks management strategies in privatized highway projects. He explained the projects done, construction cost at different highway projects in Selangor and Perak Section such as SKVE Interchange, SAE Interchange, NNKSB Interchange, Beruas Interchange, Teluk Intan Interchange etc. He also talks about the constructions delay, authority approvals, quality, delay in toll collection and land acquisition risk.

The second talk was presented by Sr. Haji Jailani Jasmani, replacing the original speaker Datuk Ir. Abdul Kadir Mohd Din (BOD, Ranhill SAJ Sdn. Bhd.). The title is on Managing Cost- Lesson Learnt from the water industry. The speaker showed the case study on water supply projects and sewerage projects, which the details of their project title, contract value, consultant, project owner etc.

The third presentation was completed by Ir Meor Shamshir bin Meor Zulkefli Auni, Senior Project Manager of Cakna Enterprise Sdn. Bhd, who replaced the original speaker Mr Syed Akmal Syed Yusof (Managing Director Cakna Enterprise Sdn Bhd). The title is IBS Construction: Time and Cost Performance in Construction. IBS is Industrialized Building System, a construction technique in which components are manufactured in a controlled environment (on or off-site), transported, positioned and installed into a structure with minimal additional site works. He explained the advantages and issues in IBS and illustrated a successful project which is Kompleks Mahkamah Jota Bharu, which was delivered 322 days ahead of schedule.

The presentation was done by Ir. Mashitah binti Haji M. Jas from PETRONAS. The title is on enhancing cost management of oil and gas projects. She introduced the four different division in PETRONAS: upstream, gas, downstream and project delivery & technology. She explained the phases of cost estimation in PETRONAS and accuracy of estimation based on Front-end loading (FEL) deliverable. The seminar officially ends at 1 pm.



Speaker and audience in the seminar of cost engineering.