

WEBINAR ON

M&E WORKS MEASUREMENT UNDER MYSMM AND MYCESMM2

1 November 2021 (Monday)

3.00 - 5.00 pm

BEM APPROVED CPD: 2

REF NO: IEM21/HQ/423/T (w)



SPEAKER:

AP SR DR. SARAJUL FIKRI MOHAMED, CQS



MODERATOR:

IR. GUNASAGARAN KRISTNAN

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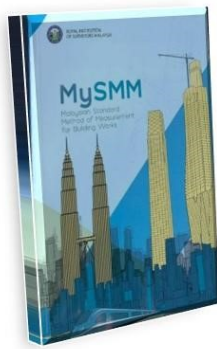
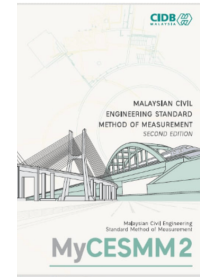
REGISTRATION FEE :

IEM STUDENT - FOC

IEM MEMBERS - RM15

NON IEM MEMBERS - RM70

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SYNOPSIS

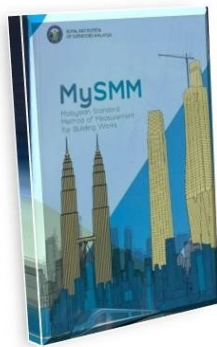
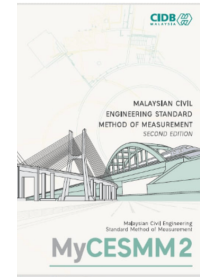
Project estimating techniques and cost control is an essential project management technique that can be utilized to improve project performance. It is one of the knowledge areas as per PMBOK guideline. This course is designed to give an essence of the concepts and techniques of cost estimating and cost control in the engineering & construction. It is suitable for Quantity Surveyors, Mechanical and Electrical Engineers, Contractors and those who intend to gain an additional knowledge of cost management in the building engineering services. You will learn the process to quantify the components building services works of construction by according to the MySMM (Malaysia Standard Method of Measurement) and MyCESMM2 (Malaysia Civil Engineering Standard Method of Measurement 2) works as itemized in a Bill of Quantities (BOQ) or Specification of Works (SOW). The standard method of measurement 2nd edition (SMM2) set out clearly the rules for measuring quantities from the drawings and schedules created by architects, mechanical & electrical engineers and other members of the design team. The course contents are also emphasizes on the usage of construction measurement to prepare interim and final valuations of the construction works. This course is both practical and interactive, supplemented with useful course note, real-life case studies and working examples.

BENEFITS

- Understand the basic principles and standard measurement techniques in building services works
- Understand the MySMM and MyCESMM2 related to M&E works in building and civil engineering works.
- Able to undertake measurement tasks, applying mathematical calculations to the measurement process
- Able to produce quantity abstract and bills of quantities of measured works based on agreed standard
- Understand the application Bills of Quantities to prepare interim and final valuations of the construction works.

WHO COULD BENEFIT FROM THE COURSE

Quantity surveyors, mechanical and electrical engineers, project managers, construction site managers, safety officers, building surveyors involve in construction projects; Quality Control staff associated with building and engineering construction; all staff who need basic training in project estimating and cost control. Government and Non-government officers; anyone responsible for or involved in construction project.



AP Sr Dr. SARAJUL FIKRI MOHAMED, CQS is a lecturer at the Department of Quantity Surveying, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia, Johor Bharu, Johor where he specializes in Construction Management, Project Estimating, Whole Life Cycle Costing and Construction Innovation. He is also Director of K&P Alliance (KPA), cost and contract management consulting firm based in Kuala Lumpur Malaysia.

He obtained Bachelor of Quantity Surveying from Universiti Teknologi Malaysia (UTM). In the year 2002, he completed his Master of Science in Construction Innovation and PhD in Construction Management in 2006 from Department of Civil & Building Engineering, Loughborough University, United Kingdom.

His research areas include construction procurement, construction innovation and commercial management in construction. Prior to this, he worked as a property and construction consultant at MDA Consulting UK. The examples of projects he was involved in are Stratford Western Relief Road (Warwickshire County Council), William Baker Building (University of De Montfort), Airfield Business Park Market Harborough (William Davis), and Sport Complex Building (Leicestershire County Council). He has more than 19 years working experiences in related field. Dr. Sarajul Fikri also had carried out numerous of course related to Cost Management, Cost Control, Cost Estimation, Project Management, etc to The Institution of Engineers Malaysia (IEM), CIDB, UTM, and in house training for Private Sector Company.