

## Trainer's Biodata

### Ir. K. Sundraraj



Ir. K. Sundraraj is a professional engineer registered with the Board of Engineers Malaysia (BEM). He is presently a Director of Zaidun Leeng Sdn. Bhd., an engineering consultancy firm, and has acquired about 30 years of experience in design, construction and project management of Civil

Engineering projects.

Ir. K. Sundraraj is presently a Board Member of BEM and Council Member of ACEM. He is certified by CIDB as Trainer to conduct MyCESMM courses/ seminars. He is also a member of CIDB Working Group tasked to develop the Malaysian Standard for Civil Engineering Standard Method of Measurement (**MSCESMM**) for SIRIM publication.

### Continuing Professional Development

The course is eligible for 16 CPD hours for Professional Engineers registered with the Board of Engineers Malaysia.

### Certificate of Attendance

Certificate of Attendance will be issued to participants, subject to full attendance.

### Registration Fee (inclusive of 6% GST)

ACEM member firms	RM 954.00 per person
Others	RM 1,060.00 per person

The registration fee shall be made payable to '**The Association of Consulting Engineers Malaysia**' by crossed cheque and to be submitted with the completed registration form by 7 March 2018 to:

The Association of Consulting Engineers Malaysia  
Suite 20-9, Level 20, Menara 1MK,  
No. 1, Jalan Kiara, Mont' Kiara,  
50480 Kuala Lumpur

Fee will not be refunded for any cancellation. However, substitution of participants can be arranged by informing the organiser one week before the course commences.

### Enquiries

For further enquiries, please contact the ACEM secretariat at tel. no. 012-5290031, 012-5190031, 03-62110031 or e-mail sec@acem.com.my.

# Course on Preparation of Bill of Quantities using MyCESMM for Civil Engineering Works

**14 & 15 March 2018**

(Wednesday & Thursday)

MATRADE Exhibition and Convention Centre  
Menara MATRADE  
Jalan Sultan Haji Ahmad Shah  
50480 Kuala Lumpur

**LIMITED TO 40 SEATS ONLY**

Organised by



The Association of Consulting Engineers Malaysia

## Introduction

This is an intensive two-day course on the **Preparation of Bill of Quantities (BQ) using MyCESMM (Malaysian Civil Engineering Standard Method of Measurement) for Civil Engineering works.** MyCESMM was produced in 2011 by CIDB in collaboration with the industry players and is intended to be a national document that features the rules of measurement, definition, coverage and description of civil engineering projects for the use as a basis in the preparation of Bill of Quantities. Through the nationwide adoption of this standard, it is expected that the method of measurement for civil engineering projects for both public and private sector can be standardised.

## Purpose

The aim of the course is to expose the participants to the following:

- Introduction to MyCESMM.
- Overview of the definition, coverage, description and rules of measurement used in MyCESMM.
- Discussion of proposed changes to MyCESMM in preparation of MSCESMM SIRIM Standard.
- Guidance for preparation of the Bill of Quantities using MyCESMM for Civil Engineering works.

## Principal Contents

- Introduction to MyCESMM
- Demolition, site clearance and earthwork
- Site preparatory works
- General Items
- Piling works
- Concrete works
- Sample BQ for Highway/Bridge works

## Who Should Attend

- Consultants/Engineers
- Quantity Surveyors
- Contractors
- Project Managers / Architects
- Government Implementation Agencies / Statutory Bodies / Employers / Users

## Programme

### DAY 1 – 14 March 2018

#### OVERVIEW OF MYCESMM

- 8.30 a.m. Registration
- 9.00 a.m. Opening Address
- 9.15 a.m. Lecture 1 – Introduction to MyCESMM  
Lecture 2 – Demolition & site clearance
- 10.45 a.m. Tea Break
- 11.00 a.m. Workshop 1 – Site preparatory works
- 11.45 a.m. Lecture 3 – General Items
- 1.00 p.m. Lunch
- 2.00 p.m. Lecture 4 – Roads & Pavings
- 3.15 p.m. Tea Break
- 3.30 p.m. Lecture 5 – Piling Works  
Workshop 2A – Micropile  
Lecture 6 – Concrete works
- 5.30 p.m. End of Day 1

### DAY 2 – 15 March 2018

#### PREPARATION OF BILL OF QUANTITIES

- 8.30 a.m. Registration
- 9.00 a.m. Bill No. 1: General Items  
Bill No. 2: Site Clearing & Earthworks
- 10.45 a.m. Tea Break
- 11.00 a.m. Bill No. 3: Geotechnical Works  
Bill No. 4: Drainage Works  
Bill No. 5: Pavement Works
- 1.00 p.m. Lunch
- 2.00 p.m. Bill No. 6: Bridge Structure
- 3.15 p.m. Tea Break
- 3.30 p.m. Bill No. 7: Road Furniture  
Bill No. 8: Environmental Protection Works
- 5.00 p.m. Q & A Session
- 5.30 p.m. End of Course

## Registration Form

(to be returned by 7 March 2018)

### Course on Preparation of Bill of Quantities using MyCESMM for Civil Engineering Works 14 & 15 March 2018 MATRADE Exhibition & Convention Centre, KL

Name: \_\_\_\_\_

BEM PE No. (if applicable): \_\_\_\_\_

Designation: \_\_\_\_\_

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone number: \_\_\_\_\_

E-mail: \_\_\_\_\_

(confirmation of registration will be sent via e-mail)

Contact person: \_\_\_\_\_

#### Registration Fee

ACEM member firm RM 954.00 per person

Others RM 1,060.00 per person

Enclosed is cheque no. \_\_\_\_\_ for  
RM \_\_\_\_\_ being registration fee for the course.

\_\_\_\_\_  
Signature & Company Stamp

\_\_\_\_\_  
Date