

INTRODUCTION OF LIFE CYCLE COSTING ANALYSIS FOR CONSTRUCTION

IN-HOUSE Courses can be designed in accordance with organizational requirements

22 - 23 Nov 2018

**UTMSPACE**, Kuala Lumpur

POINTS AWARDED

BEM: 6 CPD POINTS CIDB: 20 CCD POINTS

### INTRODUCTION

Life Cycle Costing Analysis (LCCA) is an economic assessment of an item, system, or facility over its life, expressed in terms of equivalent cost, using baseline identical to those used for initial cost. In construction business, future costs will often match or exceed the initialcost of procurement. Owners are recognising the relationship between costs and looking for ways to reduce total life cycle cost withoutbadding undue burdens to initial procurement. thus, LCCA is used to compare various options by identifying and assessing economic impacts over the life of each option.

# TARGET PARTICIPANT

- Engineers
- Contractors
- Facilities Managers

## **COURSE CONTENT**

- The essentials of LCCA in construction businessand cost classification.
- Present Method approach.
- Annualized Method approach.
- Simple LCCA modelling in cosntruction business.

# SPEAKER'S PROFILE



#### DR. ROHAYA BINTI ABDUL JALIL, C.A.(M)

Dr. Rohaya holds Bachelor Degree in Accounting (Hons) from UiTM, before continued her study in real estate investment. She holds MSc (Real Estate) and PhD (Real Estate) from UTM and her specialization is on real estate investment trusts (REITs). Dr. Rohaya is a Chartered Accountant registered and member of Malaysia Institute of Accountants (MIA) since 2005. She has 17 years industrial experience working as external auditor and management accountant, before joined as academician in UTM in 2013. Currently, she teaches Financial Management and Risk Management subject for Master in Asset & Facilities Management as well as other related estate subjects in UTM.

# **OBJECTIVE**

- To introduce LCCA uses in construction business.
- To understand the element of costs and its nature.
- To understand the classification of costs associated with that particular asset.
- To estimate and compute the LCCA via Present method and Annualized method.
- To establish simple LCCA model for construction business users

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