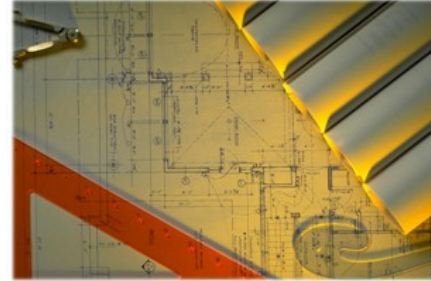


VE: Value Engineering Analysis & Reports Presentation Seminar Outline

► **Overview:**

VE: Value Engineering Analysis & Reports Presentation is a technical training seminar presented by a senior expert project management consultant engineer who has long experience in VE analysis and costing for large scale projects. This seminar will help candidates understand the objectives of VE, budgeting cost control and function analysis diagram (fast diagram) with detailed procedures implementation, cost worth modeling generation, development of project life cycle costing modeling (LCC) and implementation.



This seminar is presented with a practice project in preparing a VE report for a hotel in Riyadh with VE work book, valuable supporting documents and soft files.

► **Structure:** 18 hours to be carried out over 3 days.

► **Contents:**

Session 1:

- Introduction
- Objectives of Value Engineering
- When to apply Value Engineering
- Impact of Value Engineering
- Introduction to Project Scope
- Budget Analysis
- Elements of the Project Budget

Session 2:

- Prevalent Budgeting Technicals
- Cost Control & Fast Diagram
- Construction Cost Modeling
- Construction Worth Modeling
- VE & Total Project Management
- VE Job Planning

Session 3:

- VE Function Analysis
- Fast Diagram Detailed Procedure
- Life Cycle Costing Modeling(LCC)
- Delphi Technical Application
- Decision Makers Impact On LCC
- LCC Methodology & Format

Section 4:

- Case Study for a hotel in Riyadh & Generation of a Complete
- Value Engineering Report

► **Supporting Documents:** Seminar documentation including value engineering workbook. Soft Excel work sheets for VE documentation & LCC factor calculations.