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Advanced Value Engineering Methods and Step-by-Step Implementation Concepts, Skills, Methods &

3 - 7 March 2025

Amsterdam (Netherlands)

Advanced Value Engineering Methods and Step-by-Step Implementation Concepts, Skills, Methods & Motivation

course code: P9405 From: 3 - 7 March 2025 Venue: Amsterdam (Netherlands) - course Fees: 4500 Euro

Program Overview

In this program you will learn about...
  Program Includes: Understanding Value and Costs. Step-by-Step Methodology, Contractual Arrangements, Benefit Sharing, Opportunities Identification and Building a Knowledge Base to Support Value Engineering Initiatives. Incorporating Engineering Value Analysis Methodology.

Program Content

- The Value Engineering (VE) Concept
- "What is Value for your Organization"
    - Key Strategic Initiatives
    - Internal & External Customer Expectations
- **Understanding Costs and Prices**
- Value Engineering Step-by-Step Methodology that overcomes the Multi-Discipline Roadblocks to Value Engineering, including...
    - Management Commitment
    - Team Selection, Working & Empowerment
    - Identifying the Widest Range of Improvement Opportunities
    - Short-listing, Analysis, Recommendations and Management Approval
    - Implementing VE Opportunity as a Project
    - Objectively Measuring Success
    - Celebration and Getting Ready for the Next VE Initiative
- Value Engineering Domain Knowledge
    - Management
    - Process
    - Technical
- Value Engineering Issues in Various Situations (Some of following Case Studies will be discussed)
    - Project Selection
    - Project Conceptualization
    - Feasibility Study
    - Preliminary Design
    - Detailed Design
    - Construction and Implementation
    - Operation Phase
    - Maintenance
- Motivational Issues for Successful Value Engineering Initiatives. Motivating for Value Engineering - Case Studies we will choose from...
    - Employees
    - Designers
    - Contractors
    - Service Providers
    - Out Sourcing Partners
    - Joint Venture Partners
    - Distributors

- Retailers
- Contractual Conditions in Contracts to Promote Value Engineering
- Some Pro-Active Value Engineering Projects to Implement
- Building Value Engineering Enabling Knowledge Bases
- Workshop & Action Plan: Value Engineering Implementation Strategy for your Organization/Department.