



Diploma in Estimating, Planning, Budgeting, Cost Control & Value Engineering



13 - 24 January 2025



Singapore

# Diploma in Estimating, Planning, Budgeting, Cost Control & Value Engineering

course code: P9399 From: 13 - 24 January 2025 Venue: Singapore - course Fees: 8250 Euro

## Program Overview

In this program you will learn about...

Comprehensive Multi-Discipline Skills to Empower you for Taking Effective Decisions on Your Estimating, Procurement, Budgeting or Project Management Job.

The program will provide the participant with the essential PRACTICAL methodologies and tools for effective planning, estimating, budgeting, cost control and value engineering on his job.

The program emphasises use of standardized methods, procedures, knowledgebase and checklists.

The participant will be empowered to participate and potentially lead corporate effort to build an estimating knowledgebase and early warning systems of potential overruns. A workshop during the program will give the participant a hands on opportunity to Prepare a Project Plan and Estimate.

4 weeks of Intensive Training & Workshop Leading to Professional Recognition through the Award of a Diploma (on Successful Completion of Program and Passing the Written Test)

## Program Content

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Also included is a Workshop and Action Plan: An Implementation Strategy for Your Organization/ Department.

(Subject to Customization by Program Director based on Participant Group)

(Program Timings 8:30 AM to 2:30 PM Some Days 3:00 PM - 7:30 PM)

1. Estimating & Value Engineering Overview
2. Estimating & Cost Control Problems
3. Understanding the Estimating Problem
4. Estimating vs. Guess Work
5. Classification of Costs
6. Bidding & Negotiation Issues
7. Analyzing Production Costs
8. Impact of Contract Conditions on Estimates
9. Good Practices in Estimating (Quality Assurance)
10. Defining Work Scope & Objectives: Physical, Documentation & Strategic
11. Understanding Planning & Scheduling
12. Impact of Planning Decisions on Costs
13. Cost Escalation
14. Material Takeoff
15. Standard Material Costs Data
16. Work Method

17. Productivity
18. Labour Hours
19. Labour Rates Data
20. Site Overheads
21. Head Office Overheads
22. Profit Allowance
23. Contractor's Contingency Allowances
24. Owner/Client's Contingency Allowances
25. Cost Control...
26. Achievement Measurement
27. Regular Achievement Analysis
28. Monitoring by Milestones
29. Monitoring by Variances
30. Impact of Variation Orders Claims
31. Predicting for Remaining Part of Work
32. Reporting Variances
33. Proactive Reporting using Early Warning Systems
34. Computer Tools for Estimating
35. Value Engineering Implementation
36. Quality Assurance in Estimating
37. Program Recommendations and Your Action Plan
38. Hands on Preparing an Estimate for a Project using Checklists & Forms
39. Feasibility Project
40. Design Project
41. Construction Project
42. Evaluating Estimate or Cost Proposal Prepared by Others
43. Feasibility Project
44. Design Project
45. Construction Project
46. Using Computer Tools for Estimating
47. Bidding & Negotiation Issues
  1. Understanding "Value" for your Organization
  2. Understanding "Value" for your Customer
  3. Impact of Contract Conditions on Estimates
  4. Good Practices in Estimating (Quality Assurance)
48. Value Engineered...
49. Work Scope & Objectives: Physical, Documentation & Strategic
50. Planning & Scheduling
51. Value Engineered Estimating Methodology
52. Computer Tools for Estimating
53. Value Engineering Implementation Step-by-Step Methodology
54. Quality Assurance in Estimating
55. Understanding Strategic & Customer Focus for Estimating Function
56. Good Practices for Estimating Management
57. Best Practices for Estimating Management
58. Program Recommendations and Your Action Plan
59. Hands on Preparing an Estimate for a Project using Checklists & Forms
60. Feasibility Project
61. Design Project
62. Construction Project
63. Hands on Value Engineering Analysis for a Project.

