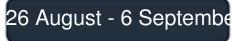






Advanced Estimating and Value Engineering Skills











Advanced Estimating and Value Engineering Skills

course code: P9421 From: 26 August - 6 September 2024 Venue: London (UK) - course Fees: 4500 Euro

Program Overview

In this program you will learn about...

This program builds on the skills developed in EST200 program. It covers advanced concepts in Estimating including: Information Technology Tools, Quality Assurance Methodology, Contractual Aspects and Management Issues in Effective Estimating and Value Engineering. This program will build the following skills:

- How to go about preparing estimates ensuring Quality Assurance in Estimate Completeness and Accuracy?
- How to obtain Realistic Cost Estimates?
- Advanced Methodologies for Material Takeoff from Specifications Drawings and Quality Assurance Checks.
- How to ensure that these Estimates have been prepared after application of Value Engineering Analysis.
- How to Setup Estimating Cost Control Early Warning Systems.
- Effective use of Estimating Information Technology Tools Estimating Organizing and Historical Cost Database System Development.
- The Sources of Estimating, Prediction and Value Engineering Information (including that available on the internet) and How to Interpret them to be relevant to your organizations estimating needs.

Program Content

(Subject to Customization by Program Director based on Participant Group) (Program Timings 8:30 AM to 2:30 PM)

Day 1

- Registration
- Program Introduction
- Program Overview
- Estimating & Value Engineering Problems

Day 2

- Bidding & Negotiation Issues
- Understanding "Value" for your Organization
- Understanding "Value" for your Customer
- Impact of Contract Conditions on Estimates
- Good Practices in Estimating (Quality Assurance)

Day 4

Value Engineered...

• Work Scope & Objectives: Physical, Documentation & Strategic





• Planning & Scheduling

Day 5

• Value Engineered Estimating Methodology

Day 6

- Computer Tools for Estimating
- Value Engineering Implementation Step-by-Step Methodology
- Quality Assurance in Estimating
- Program Recommendations and Your Action Plan

Day 7 (Workshop)

- Hands on Preparing an Estimate for a Project using Checklists & Forms
 - Feasibility Project
 - Design Project
 - Construction Project

Day 8 (Workshop)

• Hands on Value Engineering Analysis for a Project.





