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Projects Delay Analysis and Claims Preparation

Date: 17 February 2020 - 21 February 2020

Course ID: ADDQ001/2020

Duration: 5 Days

Fee US\$ - VAT is not included: 3900 US\$

Venue: Kuala Lumpur / Malaysia

Introduction:

More and more projects are suffering delays and cost overruns leading to effort and time-consuming disputes. Delay analysis, like many other technical fields, is both a science and an art. As such, it relies upon professional judgment and expert opinion and usually requires many subjective decisions. One of the most important of these decisions is what technical approach should be used to measure or quantify delay and identify the effected activities in order to focus on causation. This course is designed to provide you with knowledge and hands-on workshops that will reduce the degree of subjectivity involved in the current state of the art based on two international standards:

- The UK SCL (Society of Construction Law) Protocol
- The US AACE (Association for the Advancement of Cost Engineering) Recommended

Practices

The sessions are reinforced with over 30 year experience and knowledge of the trainer in the construction industry in many countries.

Objectives:

After completing this course the attendees will be able to:

1. Understand and review the main concepts of project planning and CPM scheduling.
2. Understand the source of delays in a project and how to reduce them proactively.
3. Understand the differences between the common delay analysis methods and techniques
4. Reduce the time for preparation of EOT claims
5. Understand the contractual and claim-related procedures in FIDIC new red book
6. Develop a personal career path in correspondent areas of Claim management and Delay

Analysis

Who should attend:

Owner representatives, Architects, Contract Administrators, Commercial Managers, Planners, Schedulers, Project Managers, Construction Managers, Project Engineers.

Daily Outlines:

DAY 1:

1. Overview of Project Planning and Scheduling using CPM technique
 2. Defining the Critical path and its effect on delay analysis
 3. Overview of International standards for delay analysis
- The UK SCL (Society of Construction Law) Protocol

- The US AACE (Association for the Advancement of Cost Engineering) recommended practices
- 4. Defining types of delays (Excusable/ non-Excusable, compensable / non-compensable, concurrent delays)
- 5. Workshop for Types of Delays

DAY 2:

- 6. The UK SCL (Society of Construction Law) Protocol
 - a. Guidance Section No. 1: Core Principles relating to delay and Compensation
 - b. Guidance Section No. 2: Preparing and maintain programs and records
 - c. Guidance Section No. 3: Dealing with EOT during the course of the project
 - d. Guidance Section No. 4: Dealing with EOT after completion of the project
- 7. Group Workshop for review of case studies provided in the SCL Protocol

DAY 3:

- 8. AACE Practice Standards for Delay Analysis:
 - a. Prospective delay analysis (looking-forward)
 - b. Forensic Schedule Analysis (retrospective analysis)
- 9. The Time Impact Analysis (TIA) technique
- 10. Workshop: Case Study for TIA Analysis and Owner / Contractor Game Play
- 11. Retrospective delay analysis (looking-back)
 - a. The 5 Techniques for observational retrospective delay analysis
 - b. The 4 Techniques for modeled retrospective delay analysis
- 12. Workshop: Delay Analysis Case Studies

DAY 4:

- 13. How to choose an appropriate delay analysis techniques?
- 14. Problems that may face the implementation of delay analysis
- 15. Steps for preparing your extension of time (EOT) Documents
- 16. Calculating delay damages (prolongation costs)
- 17. Acceleration and delay mitigation costs
- 18. Calculating the overheads using Hudson Equation and other alternatives
- 19. Workshop: Cost Calculation Case Study

DAY 5:

20. Claims management and Alternative Dispute Resolution (ADR) techniques

21. Preparing the Delay Claim documentation

22. Workshop: Review and Evaluation of a Real-case Delay Claim.