Projects Delay Analysis and Claims Preparation

تحليل التأخير في المشاريع الانشائية واعداد المطالبات

22 – 26 December 2019

Cairo / Egypt

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.

Course Outline

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 Principals 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:

Projects Delay Analysis and Claims Preparation

تحليل التأخير في المشاريع الانشائية واعداد المطالبات

22 – 26 December 2019,   Cairo / Egypt

PROJACS ACADEMY

Projacs
an egis company

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.**

Training Method

- Pre-assessment
- Live group instruction
- Use of real-world examples, case studies and exercises
- Interactive participation and discussion
- Power point presentation, LCD and flip chart
- Group activities and tests
- Each participant receives a binder containing a copy of the presentation
- slides and handouts
- Post-assessment

Program Support

This program is supported by interactive discussions, role-play, and case studies and highlight the techniques available to the participants.

Schedule

The course agenda will be as follows:

- Technical Session   08.30-10.00 am
- Coffee Break   10.00-10.15 am
- Technical Session   10.15-12.15 noon
- Coffee Break   12.15-12.45 pm
- Technical Session   12.45-02.30 pm
- Course Ends   02.30 pm

Course Fees*

- **2,950USD**
  VAT is Excluded If Applicable