Contract Management in Construction Training Course

Professional Development Training Course Outline

Category	Architectural Engineering	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Contract Management in Construction is a critical competency in today's fast-evolving infrastructure development, civil engineering, and project delivery ecosystem. With increasing complexity in mega construction projects, EPC contracts, FIDIC standards, procurement regulations, and risk-intensive environments, professionals must master advanced contract administration to ensure cost control, compliance, dispute avoidance, and project success. Contract Management in Construction Training Course is designed to equip participants with industry-relevant skills in construction contract law, claims management, negotiation strategies, and project governance frameworks aligned with global best practices.

In an era driven by digital construction, BIM integration, project lifecycle optimization, and AI-powered project management tools, effective contract management ensures seamless coordination between stakeholders, contractors, consultants, and clients. This course focuses on enhancing decision-making in variation orders, delay analysis, dispute resolution mechanisms, procurement strategy, and contractual risk mitigation, enabling professionals to deliver projects on time, within budget, and in compliance with contractual obligations.

Programme Curriculum

Contract Management in Construction Training Course

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Course Duration

5 days

Course Objectives

1. Master Construction Contract Administration & Lifecycle Management
2. Understand FIDIC, NEC, and EPC Contract Frameworks
3. Develop expertise in Claims Management & Delay Analysis Techniques
4. Enhance skills in Construction Risk Management & Mitigation Strategies
5. Apply Contract Law Principles in Construction Projects
6. Strengthen Negotiation Skills for Contractors and Clients
7. Manage Variation Orders and Change Control Processes
8. Implement Project Procurement and Tendering Strategies
9. Improve Dispute Resolution & Arbitration Mechanisms
10. Utilize Digital Contract Management Systems & e-Procurement Tools
11. Ensure Compliance with Construction Regulations and Standards
12. Optimize Cost Control and Budget Tracking in Contracts
13. Build competency in Stakeholder Communication and Contract Governance

Target Audience

1. Construction Project Managers
2. Contract Administrators
3. Site Engineers and Civil Engineers
4. Quantity Surveyors
5. Procurement Officers
6. Legal Advisors in Construction Firms
7. Infrastructure Consultants
8. Government/Public Works Officials

Course Modules

Module 1: Fundamentals of Construction Contract Management

- Types of construction contracts
- Contract lifecycle stages
- Key contractual terms and obligations
- Roles of stakeholders in contract execution
- Introduction to FIDIC & NEC frameworks
- **Case Study:** Analysis of a delayed highway project due to unclear contract scope definition.

Module 2: Construction Law and Legal Frameworks

- Basics of construction law principles
- Legal enforceability of contracts
- Liability and breach of contract
- Regulatory compliance requirements
- Jurisdictional differences in construction law
- **Case Study:** Legal dispute in a commercial building project due to breach of contract clauses.

Module 3: Procurement and Tendering Strategies

- Procurement methods in construction
- Tender documentation and evaluation
- Contractor selection criteria
- Public vs private procurement systems
- Ethical procurement practices
- **Case Study:** Cost overrun in a public stadium project due to poor contractor selection.

Module 4: Claims Management and Delay Analysis

- Types of construction claims
- Causes of delays in projects
- Extension of time (EOT) claims
- Critical path method (CPM) analysis
- Documentation for claims substantiation
- **Case Study:** Airport terminal expansion project delay caused by weather and contractor inefficiency.

Module 5: Contract Risk Management

- Identifying contractual risks
- Risk allocation techniques
- Insurance and indemnity clauses
- Financial risk mitigation strategies
- Risk monitoring systems
- **Case Study:** Structural failure risk avoided through proactive contract risk allocation in a bridge project.

Module 6: Variations, Change Orders & Cost Control

- Variation order procedures
- Impact of changes on cost and time
- Change approval workflows
- Budget monitoring techniques
- Cost escalation management
- **Case Study:** Office complex redesign leading to cost escalation due to uncontrolled variation orders.

Module 7: Dispute Resolution and Arbitration

- Types of construction disputes
- Mediation and negotiation techniques
- Arbitration procedures (ICC, local tribunals)
- Litigation vs alternative dispute resolution (ADR)
- Contract dispute prevention strategies

- **Case Study:** Resolution of multi-million-dollar dispute in a dam construction project through arbitration.

Module 8: Digital Contract Management & Smart Construction

- e-Contracting systems and platforms
- BIM integration with contract workflows
- AI in contract monitoring and compliance
- Blockchain in construction contracts
- Data-driven decision-making tools
- **Case Study:** Smart city project using digital contract management to reduce disputes and improve transparency.

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com