FIDIC Contract Cost Management Training Course

Professional Development Training Course Outline

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

Course Introduction

FIDIC Contract Cost Management Training Course is designed to strengthen expertise in construction contract administration, cost control, financial management, claims management, and commercial risk optimization. The course provides in-depth knowledge of FIDIC contract frameworks, project cost forecasting, budget management, variation valuation, payment certification, dispute avoidance, and digital construction cost management tools. Participants will gain practical skills to manage complex infrastructure and engineering projects while improving cost predictability, contract compliance, profitability, and project performance outcomes.

With increasing demand for sustainable infrastructure, mega construction projects, digital transformation, BIM-enabled cost control, and data-driven project management, FIDIC Contract Cost Management has become a critical competency for modern construction professionals. Through real-world case studies, international best practices, contract scenarios, and practical exercises, this training equips participants with advanced strategies for controlling project costs, managing contractual obligations, mitigating financial risks, and achieving successful project delivery under FIDIC conditions.

Programme Curriculum

FIDIC Contract Cost Management Training Course

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Course Duration

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Course Objectives

By the end of this course, participants will be able to:

1. Understand the principles and structure of FIDIC contract conditions and international construction standards.
2. Develop advanced skills in construction cost planning, estimation, and financial forecasting.
3. Apply effective contract cost control strategies throughout project lifecycles.
4. Manage variations, change orders, and additional cost claims using FIDIC procedures.
5. Improve expertise in payment certification, interim valuations, and final account management.
6. Implement risk-based cost management frameworks for construction projects.
7. Analyze contractual impacts of project delays, extensions of time, and disruption events.
8. Apply modern digital cost management technologies, BIM, and project analytics tools.
9. Strengthen skills in claims preparation, evaluation, negotiation, and dispute avoidance.
10. Enhance commercial decision-making through data-driven cost intelligence.
11. Improve management of subcontractor costs, procurement strategies, and supply chain risks.
12. Develop strategies for cost optimization and value engineering in engineering projects.
13. Achieve stronger project profitability, financial governance, and contract performance excellence.

Target Audience

1. Project Managers and Construction Managers
2. Quantity Surveyors and Cost Consultants
3. Contract Administrators and Commercial Managers
4. Civil, Mechanical, and Electrical Engineers
5. FIDIC Engineers and Employer Representatives
6. Procurement and Supply Chain Professionals
7. Claims Consultants and Dispute Resolution Specialists
8. Developers, Consultants, and Infrastructure Project Leaders

Course Modules

Module 1: Fundamentals of FIDIC Contracts and Cost Management

- Overview of FIDIC Red Book, Yellow Book, and Silver Book contract structures
- Understanding contractual roles, responsibilities, and cost obligations
- Principles of commercial management and project financial governance
- Cost management lifecycle from tender stage to project completion
- Case Study: Managing cost responsibilities in an international highway construction project

Module 2: Construction Cost Planning and Estimation Strategies

- Advanced techniques for project cost estimation and budget development
- Preparing cost plans, cost breakdown structures, and financial baselines
- Managing inflation, escalation, and market uncertainty risks
- Application of benchmarking and historical cost data analytics
- Case Study: Cost forecasting challenges in a large-scale airport expansion project

Module 3: FIDIC Payment Procedures and Financial Control

- Understanding interim payment applications and certification processes
- Managing measurement, valuation, and payment documentation
- Controlling project cash flow and financial reporting
- Handling payment delays and contractual payment risks
- Case Study: Resolving payment disputes in a FIDIC-based infrastructure project

Module 4: Variations, Change Management, and Cost Impact Assessment

- FIDIC procedures for variations and contract adjustments
- Evaluating additional costs and time-related financial impacts
- Managing change control systems and approval workflows
- Quantifying cost effects using modern valuation techniques
- Case Study: Variation management during a complex tunneling project

Module 5: Claims Management and Dispute Avoidance

- Fundamentals of construction claims under FIDIC contracts
- Preparing entitlement analysis and cost substantiation
- Managing delay claims, disruption claims, and extension of time costs
- Negotiation strategies for commercial settlement
- Case Study: Avoiding disputes in a delayed power plant construction project

Module 6: Risk Management and Cost Optimization

- Identifying financial, contractual, and operational project risks
- Developing risk registers and cost contingency strategies
- Applying value engineering for cost reduction
- Managing unforeseen events and force majeure impacts
- Case Study: Risk mitigation strategies in a major transport infrastructure project

Module 7: Digital Transformation in FIDIC Cost Management

- Using BIM and digital platforms for cost monitoring
- Applying data analytics for project cost forecasting
- Introduction to AI-supported construction cost management
- Improving reporting through dashboards and automation tools
- Case Study: Digital cost control implementation in a smart city development

Module 8: Advanced Commercial Management and Final Account Settlement

- Managing final accounts and contract closeout procedures
- Reviewing contractual compliance and financial documentation

- Improving negotiation and commercial leadership skills
- Lessons learned and continuous improvement strategies
- Case Study: Successful financial closure of an international EPC project

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

Start Date	End Date	Location	Price
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

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