Procurement 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

Procurement Management in Construction is a critical discipline that ensures the efficient sourcing, contracting, purchasing, and delivery of materials, works, and services required for successful project execution. In today's highly competitive and cost-sensitive construction environment, organizations are increasingly adopting digital procurement systems, strategic sourcing, supply chain optimization, and contract lifecycle management to improve transparency, reduce risks, and maximize value for money.

Procurement Management In Construction Training Course is designed to equip professionals with advanced competencies in construction procurement strategy, e-tendering, supplier relationship management, cost control, and contract administration. Participants will gain practical insights into modern procurement frameworks aligned with global best practices such as FIDIC standards, lean construction, ESG compliance, and BIM-integrated procurement systems, ensuring project success from planning to completion.

Programme Curriculum

Procurement Management In Construction Training Course

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Course Duration

5 days

Course Objectives

1. Understand construction procurement lifecycle management
2. Apply strategic sourcing in construction projects
3. Implement digital procurement and e-tendering systems
4. Optimize supply chain management in construction
5. Develop effective vendor and supplier relationship management (SRM)
6. Master contract negotiation and administration skills
7. Reduce project risks through procurement risk management
8. Apply cost estimation and value engineering techniques
9. Integrate BIM-enabled procurement processes
10. Ensure compliance with FIDIC and construction law standards
11. Improve procurement performance analytics and KPIs
12. Strengthen ethical procurement and ESG compliance
13. Enhance decision-making using AI-driven procurement tools

Target Audience

1. Construction Project Managers
2. Procurement and Supply Chain Officers
3. Quantity Surveyors
4. Contract Administrators
5. Civil Engineers
6. Site Managers and Supervisors
7. Infrastructure Development Consultants
8. Government and Public Works Officers

Course Modules

Module 1: Fundamentals of Construction Procurement

- Procurement lifecycle stages in construction projects
- Roles and responsibilities of procurement teams
- Types of procurement methods (Design-Bid-Build, EPC, PPP)
- Introduction to procurement documentation
- Procurement governance frameworks
- **Case Study:** Analysis of procurement delays in a highway construction project due to poor tender documentation.

Module 2: Strategic Sourcing & Supplier Selection

- Supplier prequalification processes

- Strategic sourcing frameworks
- Market analysis and supplier evaluation
- Cost-benefit supplier assessment
- Competitive bidding strategies
- **Case Study:** Selecting qualified subcontractors for a high-rise building project under budget constraints.

Module 3: E-Procurement & Digital Transformation

- Digital procurement platforms and tools
- E-tendering systems implementation
- Automation in procurement workflows
- Blockchain in procurement transparency
- AI-powered procurement decision-making
- **Case Study:** Implementation of an e-procurement system in a government infrastructure project.

Module 4: Contract Management in Construction

- Types of construction contracts (FIDIC, NEC, Lump Sum)
- Contract drafting and interpretation
- Variations and claims management
- Dispute resolution mechanisms
- Contract lifecycle management
- **Case Study:** Resolving a contractual dispute in a road construction project due to scope changes.

Module 5: Supply Chain & Logistics Management

- Construction supply chain mapping
- Logistics planning and materials delivery
- Inventory and warehouse management
- Just-in-time delivery systems
- Supplier coordination strategies
- **Case Study:** Managing material shortages in a large residential development project.

Module 6: Cost Control & Value Engineering

- Cost estimation and budgeting techniques
- Value engineering principles
- Cost reduction strategies without quality loss
- Procurement cost benchmarking
- Financial risk mitigation in procurement
- **Case Study:** Reducing project cost overruns in a commercial mall construction project.

Module 7: Risk Management in Procurement

- Procurement risk identification and analysis
- Contractual risk allocation
- Supplier failure risk mitigation
- Political and economic risk impacts
- Risk monitoring frameworks
- **Case Study:** Managing supply chain disruption during a port construction project.

Module 8: Procurement Performance & Compliance

- Procurement KPIs and performance measurement
- ESG and sustainability compliance
- Ethical procurement practices
- Audit and procurement transparency
- Continuous improvement strategies
- **Case Study:** Improving procurement transparency in a public housing project audit.

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