Procurement for Safe Road Infrastructure Delivery Training Course

Professional Development Training Course Outline

Category	Traffic Management & Road Safety	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Ensuring safe and sustainable road infrastructure requires a robust procurement process that balances efficiency, transparency, and innovation. Procurement for Safe Road Infrastructure Delivery Training Course equips professionals with the practical tools, regulatory knowledge, and strategic insights necessary to manage procurement processes that deliver high-quality, cost-effective, and resilient roads. Participants will learn to navigate the complexities of public-private partnerships, contract management, risk mitigation, and compliance to enhance road safety and operational excellence.

This program emphasizes hands-on learning, real-world case studies, and actionable strategies that foster a culture of accountability and continuous improvement. By integrating the latest trends in digital procurement, sustainable materials, and data-driven decision-making, this course ensures participants can lead projects that meet global safety standards, environmental compliance, and stakeholder expectations.

Programme Curriculum

Procurement for Safe Road Infrastructure Delivery Training Course

Introduction

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Course Duration

5 days

Course Objectives

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

1. Implement best practices in road infrastructure procurement for safety and efficiency.
2. Apply risk management frameworks in procurement and contract administration.
3. Understand regulatory compliance and legal frameworks in road construction.
4. Optimize budgeting, cost control, and value-for-money strategies.
5. Leverage digital procurement tools and e-tendering platforms.
6. Enhance vendor evaluation, selection, and performance monitoring.
7. Integrate sustainability and green procurement principles in projects.
8. Apply data analytics and performance metrics for procurement decisions.
9. Design transparent and accountable procurement processes.
10. Manage public-private partnerships (PPPs) in road infrastructure projects.
11. Resolve contract disputes and claims management efficiently.
12. Implement innovative materials and technology adoption in roads.
13. Promote stakeholder engagement and collaboration for safer infrastructure.

Target Audience

- Road infrastructure engineers
- Procurement officers and managers
- Project managers in transportation and infrastructure
- Government regulatory authorities
- Civil and construction engineers
- Consultants in public-private partnerships
- Risk and compliance officers
- Infrastructure investment analysts

Course Modules

Module 1: Introduction to Road Infrastructure Procurement

- Overview of procurement processes for road projects
- Importance of safety, quality, and cost-effectiveness
- Key stakeholders and roles in procurement
- Global trends in infrastructure procurement
- **Case Study:** Successful procurement strategy for a national highway

Module 2: Regulatory Compliance & Legal Frameworks

- National and international procurement regulations
- Contract law essentials in infrastructure projects

- Ethical considerations and anti-corruption measures
- Reporting and documentation standards
- **Case Study:** Legal dispute resolution in a road construction project

Module 3: Budgeting, Cost Control, and Value-for-Money

- Project budgeting and cost estimation techniques
- Lifecycle costing and value engineering
- Financial risk assessment and mitigation
- Cost monitoring and auditing practices
- **Case Study:** Cost optimization in a cross-border highway project

Module 4: Vendor Evaluation and Performance Monitoring

- Prequalification and supplier assessment techniques
- Key performance indicators (KPIs) for contractors
- Monitoring delivery schedules and quality standards
- Supplier relationship management
- **Case Study:** Vendor performance improvement in urban roads

Module 5: Risk Management in Road Procurement

- Risk identification and prioritization
- Mitigation strategies for financial, technical, and operational risks
- Safety risk assessments and road user considerations
- Insurance and liability management
- **Case Study:** Risk management in mountainous highway construction

Module 6: Sustainable Procurement & Green Infrastructure

- Environmental impact assessments
- Green materials and sustainable construction practices
- Social responsibility in procurement decisions
- Policy frameworks for sustainable infrastructure
- **Case Study:** Eco-friendly highway procurement in Southeast Asia

Module 7: Digital Procurement & Technology Integration

- E-tendering and procurement management systems
- Data analytics for procurement decision-making
- Smart contracts and blockchain applications
- Digital documentation and transparency tools
- **Case Study:** Implementation of digital procurement in smart highways

Module 8: Stakeholder Engagement & Public-Private Partnerships (PPPs)

- Stakeholder mapping and engagement strategies
- Collaboration frameworks with government and private sectors
- Contract negotiation and risk-sharing in PPPs
- Communication strategies for public acceptance
- **Case Study:** Successful PPP model for urban ring road development

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

Start Date	End Date	Location	Price
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:

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