Construction Projects: Pre-Contract Cost Management

Duration: 3 Months Distance Learning Programme
Language: English

RICS Member: £495.00 + VAT
Non RICS Member: £595.00 + VAT

70 hours CPD

Course Summary

Are you looking to provide in-depth, detailed cost control management throughout the whole lifecycle of projects? If so, then our 2 courses on cost management practice are for you. Both pre and post-contract periods are covered, and include the latest processes and procedures to leave you empowered with the skills to effectively manage construct project costs.

Our Pre-Contract course covers procurement and tendering, negotiation and risk, supply chain and value management best practice. Particular focus will be on developing your abilities to deliver strategic procurement advice, identify risks and implement mitigation management processes, and evaluate factors affecting construction costs in order to achieve value for money. You will also learn how to analyse benchmarking techniques and historical cost data sets in order to evaluate predicted cost accuracy.

To achieve these goals pre-contract cost management will provide case studies on large scale projects for you to work through alongside instruction from subject matter experts. Each scenario will simulate a real project experience and will form a major part of the discussions, assessment and analysis.

By giving you a solid grounding in the principles of cost management pre contract, this course will help you to make strategic decisions, work on higher value projects and act as a client liaison.

Who is this course for?

- Quantity Surveyors and Estimators with at least 5 years’ experience, who want advanced specialist knowledge in pre contract stages
- Client side professionals working as Cost Managers
- Lead Cost Managers in the pre contract stage
- Contractor professionals working as Estimators
- Lead Commercial Managers
Course Structure

Each technical module contains the following learning resources:

- E-learning sessions
- Reading material
- Case studies
- Online forum
- End of module quizzes
- Online examination
- Live chat session with your tutor

The final module also contains a live web-class with the tutor to consolidate all your learning prior to the exam.

E-learning sessions
The online technical e-learning sessions provide you with a detailed overview of the principles and methodologies covered within each module. These are created by highly experienced trainers to give the core competencies of quantity surveying practice.

Reading Material
Further your study and understanding of the methodologies with the directed reading material. Sourced from textbooks and articles, these readings support your development throughout the course programme.

Case Studies
Technical case studies provide you with examples of practice, within these case studies you will be able to practice the theory taught within the module. Your responses will be shared within the online forums.

Online forum
Each module has a dedicated forum to provide you with constant access to your tutor and a shared learning area with fellow delegates. Creating a dedicated learning environment you will be able to partake in topic discussion and share you learning with other professionals from all over the world.

End of module quizzes
At the end of each module is a short quiz, to check your understanding of the content and to help track your progress.

Live chat session with your Tutor
Here you will have a chance to chat online live with the course tutor and to ask any questions directly. You are encouraged to submit questions in advance for considerations. The chat will be made available off-line to all learners once it has been completed.
Course content and learning outcomes

This course is made of up of a series of modules delivered across a 3 month period:

**Module 0: Introduction**
- Get to know the tutor and other learners
- Overview of the course content, materials and structure

**Module 1: Strategic Procurement and Advisory**
- Compare available procurement routes such as traditional, design and build, management forms, term and serial contracting and other types.
- Analyse and evaluate tender documentation.
- Explain the process of tendering and negotiation.
- Evaluate the appropriateness of various procurement routes.
- Appraise the tendering and negotiation process.
- Develop and analyse procurement and tender reports.

**Module 2: Risk Management and Planning**
- Identify who owns a risk in relation to the chosen procurement route.
- Develop strategies to quantify and mitigate risk.
- Establish the effects of risk on programme and management costs.
- Advise on the appropriate procurement route in relation to the client’s attitude to risk.
- Evaluate the appropriate methodologies and approach to project risks.

**Module 3: Supply Chain and Value Management**
- Compare construction projects at the strategic briefing and project briefing stages to achieve value for money.
- Analyse estimates and cost plans for life cycle costing.
- Evaluate value engineering processes, cost reports with reference to cost, time, quality and buildability, including qualifications and exclusions.
- Appraise building design efficiency.
- Assess and evaluate market factors and trends in construction cost.
- Analyse the accuracy of predicted cost using benchmarking techniques and interrogate historical cost data.

**Module 4: Review & Reflect**
- Review the course
- Case study feedback
- What to expect in the exam
At the end of this course, you will be able to:

- Compare available procurement routes such as traditional, design and build, management forms, term and serial contracting and other types.
- Develop and analyse procurement and tender reports.
- Identify who owns a risk in relation to the chosen procurement route.
- Establish the effects of risk on programme and management costs.
- Advise on the appropriate procurement route in relation to the client’s attitude to risk.
- Compare construction projects at the strategic briefing and project briefing stages to achieve value for money.
- Evaluate value engineering processes, cost reports with reference to cost, time, quality and buildability, including qualifications and exclusions.
- Assess and evaluate market factors and trends in construction cost.
- Analyse the accuracy of predicted cost using benchmarking techniques and interrogate historical cost data.

End of Course Assessment

Delegates are assessed through an online examination within the RICS Online Academy. Learning is supported through the training programme by a dedicated course tutor in forums and live web class sessions. The examination will take place within a two-week period at the end of the 3 month programme.

Upon successful completion of the course delegates would have completed 70 CPD hours study. Delegates will also receive a certificate of course completion confirming they have successfully attended and passed the Construction Projects: Pre Contract Cost Management course.