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Autore	Costa, Sergio
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2. Record Nr.	UNINA9910970398903321
Autore	Towey Donald
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Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Cost Management of Construction Projects; Copyright; Contents; Preface; 1 Practice Procedures; 1.1 Organisation and structure; 1.1.2 Marketing and regulating; 1.2 Methods of appointment; 1.2.1 Client engagement; 1.2.2 Contracts of services; 1.2.3 Contracts of service; 1.3 Business development; 1.3.1 New business and cold calling; 2 RICS New Rules of Measurement (NRM); 2.1 What is NRM?; 2.1.1 Status of NRM; 2.2 RICS NRM2: Detailed measurement for building works; 2.2.1 Usage; 2.2.2 Structure; 2.2.3 Information required for BQ preparation; 2.2.4 Tabulated works sections and rules 2.2.5 Measurement rules for building components/items 2.3 Taking off; 2.3.1 Measurement example - Substructure; 2.3.2 Measurement example - Superstructure walls; 2.4 Bill of quantities (BQ); 2.4.1 Composition; 2.4.2 Breakdown structure; 2.4.3 Cost centres; 2.4.4 Bills of addendum and reduction; 2.4.5 Software and BQ production; 3 Pre-contract Cost Management; 3.1 Cost planning; 3.2 Plans of work; 3.3 Development; 3.4 Design influence on cost; 3.4.1 Time, cost and quality relationships; 3.4.2 Redundant performance and circulation areas; 3.4.3 Building height; 3.4.4 Modulation 3.4.5 Building shape 3.4.6 Buildability; 3.4.7 Environmentally friendly buildings; 3.4.8 Life-cycle costs; 3.5 Setting a budget; 3.5.1 Client preparation; 3.5.2 Estimating techniques for the feasibility study; 3.5.3

Estimate techniques for setting the budget; 3.6 Early design development; 3.6.1 Creating cost targets; 3.6.2 Element measuring; 3.6.3 Element rate costing; 3.7 Ongoing design development; 3.8 Self-checking of design development; 3.9 Action on variances; 3.9.1 Value management; 3.10 Final design proposals and production information; 3.11 Cost planning accuracy; 4 Procurement Systems
4.1 Procurement definition 4.2 Meeting the client's objectives; 4.3 Influencing reports and the need for change; 4.3.1 The Banwell Report; 4.3.2 Constructing the Team (Latham); 4.3.3 Rethinking Construction (Egan); 4.3.4 Achieving Excellence in Construction (OGC); 4.3.5 Modernising Construction (NAO); 4.3.6 Strategies for Sustainable Construction (Government); 4.3.7 Never Waste a Good Crisis (Wolstenholme); 4.4 Procurement routes; 4.4.1 The client's brief and influence on procurement routes; 4.4.2 Traditional pathways; 4.4.3 Design and build; 4.4.4 Construction management schemes
4.4.5 Private Finance Initiative (PFI) 4.4.6 Public Private Partnership (PPP); 4.4.7 Prime contracting; 4.4.8 Partnering and strategic alliances; 4.4.9 Project alliances; 4.4.10 Framework arrangements; 4.4.11 Public procurement and European legislation; 4.5 Appropriate procurement selection; 4.5.1 Risk analysis; 4.5.2 Risk management; 4.5.3 Health and safety management; 4.5.4 Consultant selection; 4.5.5 Contractor selection; 4.5.6 Pre-qualification Questionnaire (PQQ); 4.5.7 Invitation to Tender (ITT) and the tender period; 4.5.8 Tender assessment; 4.5.9 Due diligence; 5 Construction Contracts
5.1 Freedom of contract and contract law

Sommario/riassunto

"The cost manager/quantity surveyor plays a pivotal role in the financial and contract management of construction projects, although the exact nature of the service they provide depends on the project employer's terms of engagement. This can mean acting as consultant in a range of roles including cost and advisory services for budget setting to initiate a project, cost management through the design and construction phases, contract administration and acting as the client side project manager to oversee the entire building process. Cost Management of Construction Projects focusses on the cost manager/quantity surveyor engaged by the project client, and discusses key elements that help drive project success including measurement (based on the New Rules of Measurement published by RICS), procurement, cost planning, contract administration and project cost management. With examples, it provides a thorough guide to the role in the workplace and in the field, directly addressing the day to day situations faced by the cost manager/quantity surveyor"--
"The book will also benefit students enrolled on construction management, quantity surveying and other related courses and anyone with an interest in the construction process"--
