

Nec3 Option C

Contractual Procedures in the Construction Industry 7th edition aims to provide students with a comprehensive understanding of the subject, and reinforces the changes that are taking place within the construction industry. The book looks at contract law within the context of construction contracts, it examines the different procurement routes that have evolved over time and the particular aspects relating to design and construction, lean methods of construction and the advantages and disadvantages of PFI/PPP and its variants. It covers the development of partnering, supply chain management, design and build and the way that the clients and professions have adapted to change in the procurement of buildings and engineering projects. This book is an indispensable companion for students taking undergraduate courses in Building and Surveying, Quantity Surveying, Construction Management and Project Management. It is also suitable for students on HNDC courses in Building and Construction Management as well as foundation degree courses in Building and Construction Management. Key features of the new edition include: A revised chapter covering the concept of value for money in line with the greater emphasis on added value throughout the industry today. A new chapter covering developments in information technology applications (building information modelling, blockchains, data analytics, smart contracts and others) and construction procurement. Deeper coverage of the strategies that need to be considered in respect of contract selection. Improved discussion of sustainability and the increasing importance of resilience in the built environment. Concise descriptions of some the more important construction case laws.

This book examines how the most commonly used construction project contracts are applied in a range of countries around the world. The specific situation of each of the almost 40 countries studies is dealt with in a dedicated chapter, allowing for easy comparison between differing legal and commercial environments. Each chapter contextualizes the relevant contracts within the legal and commercial systems prevalent in a particular country and examines a number of common issues impacting construction projects around the world. This unique book will be an essential resource for construction law specialists around the world because of its focus on commonly used contracts and the contextualizing of these contracts into the legal and commercial environment of each studied country. All contributions are from practicing construction project lawyers ensuring that the quality of the information and analysis is of the highest standard.

Nec3 Engineering and Construction ContractOption C: Target Contract With Activity ScheduleNEC3 Engineering and Construction Contract (ECC). Option CTarget Contract with Activity ScheduleInst of Civil Engineers Pub

The authoritative guide to the NEC4 Engineering and Construction Contract The New Engineering Contract (NEC) is one of the leading standard forms of contract for major construction and infrastructure projects. The latest edition of the contract (NEC4) is now a suite of contracts widely used in the UK, Australia, Hong Kong, South Africa, Ireland, and New Zealand. This timely and important book provides a detailed commentary on the latest edition of the main NEC4 Engineering and Construction Contract (NEC4 ECC) form. It explains how the contract is intended to operate and examines each clause to consider its application and legal interpretation. It also draws upon the author's highly successful third edition of the book covering the previous contract. It identifies and comments on the changes between the current and previous version of the form. After a brief introduction to the new edition of the form, The NEC4 Engineering and Construction Contract offers in-depth chapters covering everything from main options and secondary option clauses to risk assurances and NEC 4 family contracts. In between, readers will learn about general core clauses, the obligations and responsibilities of the contractor, testing and defects, payments, compensation events, and much more. Covers the latest version of the NEC Engineering and Construction Contract, the leading standard form contract for major construction projects Examines the new contract clause by clause and compares it with the previous edition Previous editions were widely acknowledged as detailed and fair analyses of the NEC contracts Written by a highly regarded contracts commentator, experienced arbitrator, and adjudicator The NEC4 Engineering and Construction Contract: A Commentary is an excellent book for construction industry professionals working for clients, employers, main contractors, project managers, subcontractors, and specialist contractors.

NEC3

A Practical Handbook

The Oxford Handbook of Megaproject Management

Keating on Construction Contracts

Building Information Modelling, Building Performance, Design and Smart Construction

The Oxford Handbook of Megaproject Management provides state-of-the-art scholarship in the emerging field of megaproject management. Megaprojects are large, complex projects which typically cost billions of dollars and impact millions of people, like building a high-speed rail line, a megadam, a national health or pensions IT system, a new wide-body aircraft, or staging the Olympics. The book contains 25 chapters written especially for this volume, covering all aspects of megaproject management, from front-end planning to actual project delivery, including how to deal with stakeholders, risk, finance, complexity, innovation, governance, ethics, project breakdowns, and scale itself. Individual chapters cover the history of the field and relevant theory, from behavioral economics to lock-in and escalation to systems integration and theories of agency and power. All geographies are covered - from the US to China, Europe to Africa, South America to Australia - as are a wide range of project types, from "hard" infrastructure to "soft" change projects. In-depth case studies illustrate salient points. The Handbook offers a rigorous, research-oriented, up-to-date academic view of the discipline, based on high-quality data and strong theory. It will be an indispensable resource for students, academics, policy makers, and practitioners.

The problems inherent in the traditional design-bid-build procurement method often lead to the adversarial working relationships within the construction industry. Target cost contracts, accompanied by a gain-share/pain-share arrangement serving as a cost incentive mechanism, have emerged in the United States, the United Kingdom, Australia and Hong Kong with the aim of achieving better value for money and more satisfactory overall project performance under a collaborative working relationship. This book presents the underlying principles, practicalities and a series of short case studies of applying the target cost contracting strategy. Principles begin with the fundamentals then cover the development of target cost contracting in major countries/cities, definitions of target cost contracting, perceived benefits, potential difficulties and critical success factors for implementation. Practices include the target cost contracting approach and process in general, the key risk factors, risk assessment model, risk allocation and risk mitigation measures for target cost contracts in particular, together with a conceptual framework for the performance measurement of target cost contracts. Several short real-life case studies from the United Kingdom, Hong Kong, Australia and New Zealand are provided for further illustration. The book will appeal to a wide spectrum of readers from industrial practitioners to undergraduate students, researchers and academics interested in construction contracts and procurement methods.

Professional Practice for Landscape Architects third edition deals with the practical issues of being a successful landscape architect professional. Endorsed by the Landscape Institute, this book is an indispensable guide for licentiate members of the Institute on their Pathway to Chartership. It follows the revised 2013 syllabus covering all aspects of professional judgement, ethics and values, the legal system, organisation and management, legislation and the planning system, environmental policy and control, procurement and implementation. It also serves as a reminder and reference for fully qualified professionals in their everyday practice and for landscape students. Valuable information is presented in an easy to follow manner with diagrams and schedules, key acts, professional documents and contracts clearly explained and made easy to understand. A handy list of questions are included to aid with P2C revision, answers of which are found within the text.

This practical, user-friendly textbook starts at the beginning of construction projects and makes important connections between stages, accompanied by helpful illustrations and real-life industry examples. Contracts and agreements underpin the whole construction industry, and yet many graduates and young professionals do not realise just how important they are. Misunderstandings and mistakes can be extremely expensive and cause considerable delay. The textbook provides extensive explanation of the most commonly used forms of contract, an introduction to the general principles of contracts, and the implications of contract law and negligence as they affect the construction professional. Written by an author with extensive previous industry experience before he became a lecturer, this text is aimed at students of Contract Management/Procedures at both undergraduate and postgraduate level on both Civil Engineering and Construction courses. It is also helpful for starting professionals. New to this Edition: - Often-overlooked aspects of NEC contracts such as contractor design - Coverage of NEC ECC 2013, JCT 2011, CDM 2015 and the revised Public Contracts Regulations 2015 - More extensive advice on money, time and programmes and their importance

Target Contract with Activity Schedule

The NEC4 Engineering and Construction Contract

Nec4

The Thames Tideway Tunnel

NEC3 Box Set

Project Finance for Construction

As usage of the NEC (formerly the New Engineering Contract) family of contracts continues to grow worldwide, so does the importance of understanding its clauses and nuances to everyone working in the built environment. Currently in its third edition, this set of contracts is different to others in concept as well as format, so users may well find themselves needing a helping hand along the way. Understanding the NEC3 ECC Contract uses plain English to lead the reader through the NEC3 Engineering and Construction Contract's key features, including: main and secondary options the use of early warnings programme provisions payment compensation events preparing and assessing tenders. Common problems experienced when using the Engineering and Construction Contract are signalled to the reader throughout, and the correct way of reading each clause explained. The way the contract effects procurement processes, dispute resolution, project management, and risk management are all addressed in order to direct the user to best practice. Written for construction professionals, by a practicing international construction contract consultant, this handbook is the most straightforward, balanced and practical guide to the NEC3 ECC available. An ideal companion for employers, contractors, project managers, supervisors, engineers, architects, quantity surveyors, subcontractors, and anyone else interested in working successfully with the NEC3 ECC.

Option C is a target cost contract with an activity schedule where the out-turn financial risks are shared between the client and the contractor in an agreed proportion. This document contains all the core and secondary option clauses, the schedules of cost components, and contract data relevant to an option C contract. Construction Clients' Board endorsement of NEC3 The Construction Clients' Board (formerly Public Sector Clients' Forum) recommends that public sector organisations use the NEC3 contracts when procuring construction. Standardising use of this comprehensive suite of contracts should help to deliver efficiencies across the public sector and promote behaviours in line with the principles of Achieving Excellence in Construction.

This internationally conducted study of the latest construction industry practices addresses a broad range of Information and Communication Technology applications. Drawing on research conducted in the US and UK, this book presents the state of the art of various ebusiness processes, and examines BIM, virtual environments and mobile technologies. Innovation is a theme that runs throughout this book, so in addition to the direct impact of these new technical achievements, it also considers the management styles that helped them to emerge. Examples from industry are illustrated with case studies and presented alongside research from some of the best known academics in this field. This book is essential reading for all advanced students and researchers interested in how ICT is changing construction management and the construction industry. Launched in 1993, the NEC Engineering and Construction Contract has become one of the UK's leading standard forms of contract for major construction and civil engineering projects. The third edition, popularly known as NEC3, is a process based contract embodying project and commercial management best practice, so its basic philosophy differs from the more adversarial approach of other standard construction contracts. Since the first edition of this book, the third edition of the contract has seen the introduction of a new secondary option for use in the UK and amendments to a number of clauses. In addition, in September 2011, changes were introduced to cater for the amendments to the Housing Grants, Construction and Regeneration Act 1996 contained in the Local Democracy, Economic Development and Construction Act 2009, which became effective for all new contracts entered into from 1 October 2011. These amendments have been incorporated into the text. A Practical Guide to the NEC3 Engineering and Construction Contract will be useful to everyone in the construction industry working on a project under this contract. It will be of interest to the complete construction supply chain, including employers, construction professions, contractors and sub-contractors, as well as consultants and lawyers advising any of these parties, either in the preparation of contract documentation or the day to day management or the resolution of problem situations which may arise.

NEC3 Engineering and Construction Contract (ECC). Option C

Professional Practice for Landscape Architects

The International Compendium of Construction Contracts

A User's Guide

Nec3 Engineering and Construction Contract

Contractual Procedures in the Construction Industry

The guide that explores how procurement and contracts can create an integrated team while improving value, economy, quality and client satisfaction Collaborative Construction Procurement and Improved Value provides an important guide for project managers, lawyers, designers, constructors and operators, showing step by step how proven collaborative models and processes can move from the margins to the mainstream. It covers all stages of the project lifecycle and offers new ways to embed learning from one project to the next. Collaborative Construction Procurement and Improved Value explores how strategic thinking, intelligent team selection, contract integration and the use of digital technology can enhance the value of construction projects and programmes of work. With 50 UK case studies, plus chapters from specialists in 6 other jurisdictions, it describes in detail the legal and procedural route maps for successful collaborative teams. Collaborative Construction Procurement and Improved Value: Examines the ways to create an effective contract that will spell success throughout the procurement process Contains helpful case studies from real-world projects and programmes Explores the benefits of the collaborative construction process and how to overcome common obstacles Bridges the gaps between contract law, collaborative working and project management Includes the first analysis of the NEC4 Alliance Contract, the FAC-1 Framework Alliance Contract and the TAC-1 Term Alliance Contract Can contractors and specialists add value to a project by their early involvement in design, pricing, risk management and programming? How can this be structured and what role do contracts have to play? What is the impact on procurement and project management? Commentators from Banwell to Egan have recommended earlier contractor appointments, and this has also been linked to successful project partnering. How are the two related? Early Contractor Involvement in Building Procurement considers the case for a two stage procurement approach based on an system of agreed project processes during the preconstruction phase. It examines the ways in which a contract can describe and support this model throughout its procurement, partnering and project management, and is illustrated with case studies taken from projects and programmes across the construction and engineering industry. The roles of the various parties involved, the obstacles they encounter and the benefits they can achieve are examined in detail. There is practical guidance on how to improve speed, economy, sustainability, change control, dispute avoidance, and client satisfaction. This book bridges the gap between contract law, partnering and project management and will be essential reading for middle and senior management at construction contractors, consultants and clients in both the public and private sectors.

Provides a guide to the general principles of Scottish law relevant to construction contracts and the main provisions of the standard forms of construction contract used in Scotland including: the obligations of employers and contractors certification payment ending a construction contract remedies subcontractors collateral warranties insurance dispute resolution regulatory matters The new edition has been substantially updated and expanded to take account of the latest editions of the Scottish Standard Building Contracts and recent case law. Specific updates have been driven by the following changes to legislation and standard contracts Local Democracy Economic Development and Construction Act 2009 and the relative Scheme for Construction Contracts Arbitration (Scotland) Act 2010 Recognising the significant increase in use of NEC3 standard forms of contract, references to NEC3 provisions have been introduced throughout the relevant chapters so that each now covers the common law, the SBCC provisions and the NEC3 provisions. It also features new chapters on: litigation; competition; the Bribery Act 2010; and guarantees and bonds. From reviews of previous editions: 'very approachable and readable... I would particularly recommend this book to non-legal construction professionals' - Construction & Engineering Law 'an informative textbook for the practitioner... [a] significant contribution to knowledge' - Arbitration 'a highly competent... textbook which would be of value for industry professionals with no legal background' - Construction Law

UNIQUE FEATURES - Designed to be used as a desk top manual - Describes the main features of the contracts in the NEC family - Includes guidance on which NEC contract is appropriate for a particular project and how to prepare it - Useful for those who need more information about the NEC and its philosophy - Includes exercises at the end of several chapters to stimulate discussions about the many factors that need to be considered in choosing the right NEC contract BACKGROUND INFORMATION The last decades of the twentieth century saw huge changes in construction in the UK, particularly in procurement methods and contract strategy. In this book the author describes these changes as a construction reformation and suggests that the advent of the NEC played an important part in promoting those changes. Since its introduction to the construction sector in 1991, the NEC has been highly recommended in the Latham Report and more recently by the Office of Government Commerce and is now widely used on many small and large projects in the UK and worldwide. ENSURING PROJECT OBJECTIVES In this guide, Bill Weddell, a long standing member of the NEC Panel and a highly respected consultant and trainer on the NEC utilises his skills and wide knowledge of the NEC to provide new and existing users with guidance on how to select and implement NEC contracts to suit differing project needs and objectives. ACCURATE CONTRACT STRATEGIES This guide explains in a concise and practical manner how to decide on the appropriate contract strategy for any given project and how to prepare the contract document for each type of NEC contract. It describes each of the documents and explains the selection methods for the various options and how these are used to produce the contract document. The book also clarifies some of the distinguishing features of the NEC contracts in contrast to the more traditional standard forms and explains how the management procedures in each contract can be used to achieve the Employer's objectives by effective control of time, cost and quality. THE READERSHIP This guide is a valuable tool for anybody involved in the NEC supply chain including clients, consultants, contractors, subcontractors, project managers, quantity surveyors, adjudicators and service suppliers - across the complete spectrum of construction activity. ABOUT THE AUTHOR: Bill Weddell was on the original NEC Working Group and drafting team and has been involved in the later development of the NEC family of contracts up to the publication of NEC3. He has long experience of both design and construction of major civil engineering works including highways, bridges, docks and harbours, tunnels and sea defence works. He was Head of Contracts for a firm of consulting engineers and is now a contract consultant and runs training courses on the NEC.

Choosing the Right NEC Contract

Principles, Practices and Case Studies

Can NEC3 (ECC-Option C) Mitigate Disputes in Civil Engineering Construction in Hong Kong?

Construction Contract Preparation and Management

Scope, Schedule, and Cost Control

Engineering and Construction Contract : June 2005. Target contract with activity schedule [electronic resource]. Option C

This book presents the proceedings of CRIOCM 2016, 21st International Conference on Advancement of Construction Management and Real Estate, sharing the latest developments in real estate and construction management around the globe. The conference was organized by the Chinese Research Institute of Construction Management (CRIOCM) working in close collaboration with the University of Hong Kong. Written by international academics and professionals, the proceedings discuss the latest achievements, research findings and advances in frontier disciplines in the field of construction management and real estate. Covering a wide range of topics, including building information modelling, big data, geographic information systems, housing policies, management of infrastructure projects, occupational health and safety, real estate finance and economics, urban planning, and sustainability, the discussions provide valuable insights into the implementation of advanced construction project management and the real estate market in China and abroad. The book is an outstanding reference resource for academics and professionals alike.

The book is developed to provide significant information and guidelines to construction and project management professionals (owners, designers, consultants, construction managers, project managers, supervisors, contractors, builders, developers, and many others from the construction-related industry) involved in construction projects (mainly civil construction projects, commercial-A/E projects) and construction-related industries. It covers the importance of construction management principles, procedures, concepts, methods, and tools, and their applications to various activities/components/subsystems of different phases of the life cycle of a construction project. These applications will improve the construction process in order to conveniently manage the project and make the project most qualitative, competitive, and economical. It also discusses the interaction and/or combination among some of the activities/elements of management functions, management processes, and their effective implementation and applications that are essential throughout the life cycle of project to conveniently manage the project. This handbook will: Focus on the construction management system to manage construction projects Include a number of figures and tables which will enhance reader comprehension Provide all related topics/areas of construction management Be of interest to all those involved in construction management and project management Provide information about Building Information Modeling (BIM), and ISO Certification in Construction Industry Offer a chapter on Lean construction The construction project life cycle phases and its activities/elements/subsystems are comprehensively developed and take into consideration Henri Fayol's Management Function concept which was subsequently modified by Koontz and O'Donnel and Management Processes Knowledge Areas described in PMBOK® published by Project Management Institute (PMI). The information available in the book will also prove valuable for academics/instructors to provide construction management/project management students with in-depth knowledge and guidelines followed in the construction projects and familiarize them with construction management practices.

This book is a practical guide for anyone involved in preparing, administering or contributing to a NEC3 contract. It introduces the NEC3 family of contracts, how they fit together, and provides a better understanding of how to build up and assemble a contract and how to run a NEC3 Engineering and Construction Contract (ECC) for successful project outcomes.

This document provides guidance for users of NEX in determining the procurement and contract strategies to meet project objectives and in the application of contracts from the NEC3 family in meeting these strategies.

Handbook of Construction Management

Contracts, Partnering and Project Management

The NEC 3 Engineering and Construction Contract

Procurement and contract strategies

MacRoberts on Scottish Construction Contracts

Practical Guide to the NEC3 Engineering and Construction Contract

- NEC3 Engineering and Construction Contract (ECC) - NEC3 Engineering and Construction Contract Option A: Priced contract with activity schedule - NEC3 Engineering and Construction Contract Option B: Priced contract with bill of quantities - NEC3 Engineering and

Construction Contract Option C: Target contract with activity schedule - NEC3 Engineering and Construction Contract Option D: Target contract with bill of quantities - NEC3 Engineering and Construction Contract Option E: Cost reimbursable contract - NEC3 Engineering and Construction Contract Option F: Management contract - NEC3 Engineering and Construction Contract Guidance Notes - NEC3 Engineering and Construction Contract Flow Charts - NEC3 Engineering and Construction Subcontract (ECS) - NEC3 Professional Services Contract (PSC)

- NEC3 Professional Services Contract Guidance Notes and Flow Charts - NEC3 Engineering and Construction Short Subcontract (ECSS) - NEC3 Engineering and Construction Short Contract (ECSC) - NEC3 Engineering and Construction Short Contract Guidance Notes and Flow Charts - NEC3 Adjudicator's Contract (AC) - NEC3 Adjudicator's Contract Guidance Notes and Flow Charts - NEC3 Term Service Contract (TSC) - NEC3 Term Service Contract Guidance Notes - NEC3 Term Service Contract Flow Charts - NEC3 Framework Contract (FC) - NEC3

Framework Contract Guidance Notes and Flow Charts - NEC3 Procurement and Contract Strategies

The world of construction is intrinsically linked with that of finance, from the procurement and tendering stage of projects right through to valuation of buildings. In addition to this, things like administrations, liquidations, mergers, take-overs, buy-outs and floatations affect construction firms as they do all other companies. This book is a rare explanation of common construction management activities from a financial point of view. While the practical side of the industry is illustrated here with case studies, the authors also take the time to build up an understanding of balance sheets and P&L accounts before explaining how common tasks like estimating or valuation work from this perspective. Readers of this book will not only learn how to carry out the tasks of a construction cost manager, quantity surveyor or estimator, they will also understand the financial logic behind them, and the motivations that drive senior management. This is an essential book for students of quantity surveying or construction management, and all ambitious practitioners.

In this updated and expanded second edition, Keith Potts and Nii Ankrah examine key issues in construction cost management across the building and civil engineering sectors, both in the UK and overseas. Best practice from pre-contract to post-contract phases of the project life-cycle are illustrated using major projects such as Heathrow Terminal 5, Crossrail and the London 2012 Olympics as case studies. More worked examples, legal cases, case studies and current research have been introduced to cover every aspect of the cost manager's role. Whole-life costing, value management, and risk management are also addressed, and self-test questions at the end of each chapter support independent learning. This comprehensive book is essential reading for students on surveying and construction management programmes, as well as built environment practitioners with cost or project management responsibilities.

In 1858 the 'Great Stink of London' made much of the city along the Thames uninhabitable. Between 1848 and 1854 nearly 25,000 Londoners died of cholera, a disease borne by foul water. Joseph Bazalgette saved the city, building sewers that would serve 4 million people and stop waste water emptying into the Thames. These sewers are still the backbone of London's sewerage system today, but the city's population is now approaching 10 million; the old sewers can't cope and action needs to be taken to ensure that 'The Great Stink' never happens again. This is where the Thames Tideway Tunnel comes in: a £4.2 billion, 25km-long, 7.2m-diameter tunnel that will stop virtually all of the sewer overflows into the Thames and give us a cleaner and healthier river and city. This is the inside story on the tunnel, from the very start to breaking ground and all the steps along the way. Written by Phil Stride, a leading civil engineer, it is a unique chance both to see behind the scenes of an incredible civil engineering project and to meet the people who've taken it forward over the last ten years.

A Commentary

Programme Procurement in Construction

Target Cost Contracting Strategy in Construction

Construction Contracts

Nec2 and Nec3 Compared

Collaborative Construction Procurement and Improved Value

Which member of the NEC3 family of contracts should I use? How do I choose and use my main and secondary options? What are the roles and responsibilities of the various parties? How should I effectively manage early warnings and compensation events? Important questions can arise when working with NEC3 contracts, some of them have simple answers and others require more a detailed response. Whether you are an NEC3 beginner or an expert, the 100 questions and answers in this book are a priceless reference to have at your fingertips. Covering issues that can arise from the full range of NEC3 forms, Kelvin Hughes draws on questions he has been asked during his 20 years working with NEC and presenting training courses to advise, warn of common mistakes, and explain in plain English how these contracts are meant to be used.

Which Contract? is an invaluable desktop companion to be turned to at the start of every new project and is recommended to any professional whose clients expect him or her to know the contemporary procurement landscape inside out. Providing clear guidance on how to identify the most appropriate procurement strategy and contract for a given set of circumstances, it has been brought fully up to date to take account of the latest editions of all the recognised forms from JCT 2011 to FIDIC.

This book charts the path toward high performance sustainable buildings and the smart dwellings of the future. The volume clearly explains the principles and practices of high performance design, the uses of building information modelling (BIM), and the materials and methods of smart construction. Power Systems, Architecture, Material Science, Civil Engineering and Information Systems are all given consideration, as interdisciplinary endeavours are at the heart of this green building revolution.

This book provides a detailed commentary on the latest edition of the New Engineering Contract NEC3. It explains how the contract is intended to operate and examines each clause to consider its application and legal interpretation. It draws upon the author's successful book on the second edition of the Engineering and Construction Contract, ECC2, and it identifies and comments on the changes between ECC2 and NEC3. Particular attention is given to the revised compensation event procedures, as well as: * the role of the project manager * the liabilities and obligations of the parties * the revised dispute resolution procedures

Option C: Target Contract With Activity Schedule

Understanding the NEC3 ECC Contract

The Contractor's NEC3 ECC Handbook

From concept to completion

Proceedings of the 21st International Symposium on Advancement of Construction Management and Real Estate

NEC3 Construction Contracts: 100 Questions and Answers

NEC2 has established itself as the leading contract for civil engineering work and has made major in-roads into the building market. NEC3 appeared in July 2005 and represents an update to reflect users experience and changes in the way the construction industry operates, in the years since the appearance of NEC2 in 1995. This guide is aimed at those familiar with the provisions of NEC2 and provides an easy-to-use comparison on the changes between the two editions of the NEC. NEC3 comprises a suite of entirely consistent documents. The guide covers in detail, on a clause by clause basis, the differences between the NEC2 Engineering and Construction Contract and the NEC3 Engineering and Construction Contract. However, principles of the changes it introduces have been applied across the complete suite of NEC3 contracts. So anybody wishing to understand the new provisions applied across the suite of NEC3 contracts, will benefit from this book. The guide presents the wording of NEC3 against that of NEC2 with all changes highlighted. Explanatory notes are also included which cover the significance of more important changes printed under the relevant clauses. Users will be able to look up any clause in the NEC2 Engineering and Construction Contract and see, at a glance, what has changed, if anything, in NEC3. It will be a valuable resource for anybody involved in the NEC supply chain including clients, consultants, contractors, sub-contractors, project managers, adjudicators, service suppliers - across the complete spectrum of construction activity. Robert Gerrard is a consultant to the NEC who has worked closely with the NEC Panel in developing NEC3.

The fifth edition of this bestselling textbook has been thoroughly revised to provide the most up-to-date and comprehensive coverage of the legislation, administration and management of construction contracts. It now includes comparisons of working with JCT, NEC3, and FIDIC contracts throughout. Introducing this topic at the core of construction law and management, this book provides students with a one-stop reference on construction contracts. Significant new material covers: procurement tendering developments in dispute settlement commentary on all key legislation, case law and contract amendments In line with new thinking in construction management research, this authoritative guide is essential reading for every construction undergraduate and an extremely useful source of reference for practitioners.

"This book ... adds to the impressive 'legacy' of learning which is still emerging from the successful delivery of the London 2012 construction programme. The authors combine the reforming zeal of a champion for change, who was there every step of the way, with academic rigour, and the result is delivered with impressive passion and commitment to the topic ... All spenders and suppliers need to read this, to understand how conventional understandings of procurement fall so dramatically short when applied to high value-high risk acquisitions, which invariably is what large construction projects represent." -Don Ward, Chief Executive, Constructing Excellence, UK Successful construction is often attributed to one or more aspects of the delivery process from good planning, design and clever engineering to efficient project management and quality construction. Before any of these disciplines can begin, they all require some form of procurement to select the team or supply chain to meet a client's or a project's specific requirements. The concept of PSE - Purchase and Supplier Engineering - originated in the procurement of the construction and infrastructure required to stage the 30th Olympiad in London during 2012. At the time of writing PSE has successfully delivered almost £25bn of public procurement meeting client and project requirements and without legal challenge. The construction of the venues and infrastructure needed to stage London 2012 was such a resounding success that it boosted not only the reputation of the UK construction industry but also the confidence of the UK population in the country's ability to organise, build and run a major international event. Its success has been lauded as something from which clients and industry could learn. The ODA has established a comprehensive and informative body of evidence as part of a Learning Legacy. While the ODA is well aware of the many elements of the procurement and supply chain management, the complete end to end concept of how the Olympic supply chain procurements were managed has until now not been captured. For example, how does one buy the stage for an Olympic Games? How does one manage the details of thousands of contracts and the many firms of contractors, subcontractors and material suppliers and ensure that no one organisation adversely affects any other to the detriment of the programme? How are a client's requirements beyond those of the capital asset realised as part of the investment? How does one measure programme exposure, or manage performance? How does one measure capacity and the ability of firms to cope with the work and manage the risks involved? Programme Procurement in Construction: Learning from London 2012 covers the planning and preparation of a programme's procurement processes from understanding and developing the client's requirements, to monitoring performance based on the benchmarks contractors set out in their own tender submissions. The emphasis is on a close attention to detail to avoid surprises, while keeping a focus on the total programme. Purchase and Supplier Engineering provides an overview of managing the interest of firms in participating and the resulting capacity and workloads of all suppliers, including the main contractors and the critical subcontractors and material suppliers. Offering techniques, tips and lessons learnt from the implementation of PSE on London 2012 and Crossrail, this book is aimed at public and private sector clients, developers, senior management and those businesses and professionals involved in undertaking the procurement, supply chain management and delivery of multiple construction projects or complex major construction programmes.

Option C is a target cost contract with an activity schedule where the out-turn financial risks are shared between the client and the contractor in an agreed proportion. This document contains the core and secondary option clauses, the schedules of cost components, and contract data relevant to an option C contract.

Choosing The Appropriate Building Contract

Early Contractor Involvement in Building Procurement

Law and Management

A Practical Guide to Successful Construction Projects

Construction Cost Management

Preventing Another Great Stink

Written for contractors and their staff, this book explains how the NEC3 contract works and provides answers to common questions. It presents complicated concepts in a simple, straightforward and understandable way, focusing mainly on day-to-day use.

Written by experienced and innovative projects lawyer Arent van Wassenae, this book explains what the critical success factors are for construction projects to be completed on time, within everyone's budget, to the right quality, with all stakeholders satisfied and without disputes. In so doing, van Wassenae discusses how such projects could be structured, tendered for, executed and completed, and what legal and non-legal mechanisms are available to achieve success in construction projects. Using examples of real projects, A Practical Guide to Successful Construction Projects provides tools for those in leading and managerial positions within the construction industry to change - where necessary - their usual operational methods into methods which are aimed at achieving project success.

Which Contract?

Learning from Case Studies

Advances in Construction ICT and e-Business

Preparing an Alliance Contract

A country by chapter review

Learning from London 2012