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# Spon's Building Price Books And Estimating Cost S

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Spon's Construction Cost and Price Indices Handbook

Spon's Architects' and Builders' Price Book 2020

The Impact and Cost of Alternative Market and Supply Processes

Spon's Architects' and Builders' Price Book

Procurement in the Construction Industry

Spon's Middle East Construction Price Book

Spon's Construction Resource Handbook

Spon's Estimating Cost Guide to Roofing

Spon's Asia-Pacific Construction Costs Handbook, Fourth Edition

Spon's House Improvement Price Book

Spon's Architects' and Builders' Price Book 2019

Spon's Civil Engineering and Highway Works Price Book 2021

Spon's Mechanical and Electrical Services Price Book 2022

Spon's Architects' and Builders' Price

Spon's Architects' and Builders' Price

Spon's Architects' and Builders' Price  
Spon's First Stage Estimating Handbook, Third Edition  
Spon's Architects' and Builders' Price Book 2019  
Spon's Civil Engineering and Highway Works Price Book 2022  
Spon's Mechanical and Electrical Services Price Book 2019  
Introduction to Tunnel Construction  
Spon's External Works and Landscape Price Book 2021  
Spon's Architects' and Builders' Price Book 2022  
Spon's Asia Pacific Construction Costs Handbook  
Spons' Household Manual  
Spon's External Works and Landscape Price Book 2022  
Spon's Civil Engineering and Highway Works Price  
Spon's European Construction Costs Handbook  
Spon's Architects' and Builders' Price Book 2021  
Spon's Mechanical and Electrical Services Price  
RSMeans Cost Data, + Website  
Spon's Architects' and Builders' Price  
Spon's Architects' and Builders' Price Book 2018  
Spon's Architects' and Builders' Price  
Spon's Civil Engineering and Highway Works Price Book 2020

Spon's Mechanical and Electrical Services Price Book 2018  
Spon's Mechanical and Electrical Services Price Book 2021  
Unit Rates and Project Costs  
Spon's Estimating Costs Guide to Electrical Works

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## **POWERS ALEXIS**

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### **Spon's Construction Cost and Price Indices Handbook** CRC Press

SPON'S ARCHITECTS' AND BUILDERS'  
PRICE BOOK 2019, compiled by AECOM,  
still provides the most accurate, detailed  
and professionally relevant construction  
price information for the UK. Its unique  
Tender Index, updated through the year,  
gives an ongoing reality check and  
allows you to adjust for changing market  
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of project sizes, this is the only price  
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for contracts exceeding £4,000,000 in  
value. Use the access code inside the  
front cover of the book to get set up with  
an ebook of this 2019 edition on the  
VitalSource® Bookshelf platform. This  
versatile and powerful online data  
viewing package is available for use until  
the end of December 2019. As well as an  
overhaul of prices, several new items  
have been added, including: Semi and  
automatic pedestrian doors -- revolving,  
sliding, and swing An expanded range of  
industrial shutter doors Industrial docks

and shelters An expanded range of aluminium gutters ... along with the standard features you have come to expect from SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK: 20,000 prices for the most frequently specified items, the majority with labour constants and detailed build-ups. Hundreds of alternative materials prices for the more unusual items. Detailed guidance on wage rates, daywork, cost limits and allowances, property insurance and professional fees, plus useful formulae, design criteria and trade association addresses. Updates, free of charge, two or three times a year – see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)

**Spon's Architects' and Builders' Price Book 2020** CRC Press

Construction prices rose over the last year by 5%, according to AECOM's tender price index, with construction price inflation continuing to run above the long-run average. The main drivers are rising input costs. Producer price indices have moved up at a clip in recent quarters, with sharp increases in prices for materials and fuels consumed by UK manufacturers. Demand- and supply-side factors make the probability of short-term price falls very slim. SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK 2018, compiled by AECOM, still provides the most accurate, detailed and professionally relevant construction price information for the UK. Its unique Tender Index, updated through the year, gives an ongoing reality check and allows you to adjust for changing market conditions.

Although it suits a wide range of project sizes, this is the only price book which sets out a detailed cost base for contracts exceeding £4,000,000 in value. Use the access code inside the front cover of the book to get set up with a VitalSource® ebook of this 2018 edition. This versatile and powerful online data viewing package is available for use until the end of December 2018. Major changes have been made to this 143rd edition: New Cost Models for a retail distribution unit, a palliative care unit, and a cinema As well as an overhaul of prices, several new items have been added, including: An expanded range of beam & block flooring Rainwater harvesting - with a precast concrete tank A precast concrete flow attenuation system Precast

concrete communication boxes ... along with the standard features you have come to expect from SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK: 20,000 prices for the most frequently specified items, the majority with labour constants and detailed build-ups. Hundreds of alternative materials prices for the more unusual items. Detailed guidance on wage rates, daywork, cost limits and allowances, property insurance and professional fees, plus useful formulae, design criteria and trade association addresses. Updates, free of charge, two or three times a year - see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)  
The Impact and Cost of Alternative Market and Supply Processes CRC Press

Spon's Construction Resource Handbook is the first book to present critical information about materials, labour and plant constants required for the estimating process under one cover. It covers all areas of the construction industry and will provide all those involved in the preparation of tenders, cost estimates and first-stage estimates with the information they need to work with greater confidence and prepare more accurate estimates and tenders. With a unique style of presentation, it includes thousands of item descriptions and a comprehensive collection of data, including labour and plant outputs, materials, elemental breakdowns and lists of relevant organizations. Up-to-date and comprehensive, Spon's Construction Resource Handbook will be

an indispensable reference for estimators, quantity surveyors, engineers and architects working in local government and professional practices, government agencies, and contractors in all fields of construction. It will provide an invaluable reference base for negotiation of new rates where variations occur on a contract.

*Spon's Architects' and Builders' Price Book* CRC Press

Do recent moves in the construction industry towards collaborative working and other new procurement procedures really make good business sense? Procurement in the Construction Industry is the result of research into this question and it includes the first rigorous categorizing of the differences between procurement methods currently in use.

In the process of carrying out this research, the team has produced a comprehensive study of procurement methods which looks in detail at the relative benefits and costs of different ways of working, with sometimes surprising results. As such, it is not only a valuable guide for practitioners on the complexities of the procurement process, but also an outline of the relevance of economic theory to the construction sector.

**Procurement in the Construction Industry** CRC Press

SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK 2019, compiled by AECOM, still provides the most accurate, detailed and professionally relevant construction price information for the UK. Its unique Tender Index, updated through the year,

gives an ongoing reality check and allows you to adjust for changing market conditions. Although it suits a wide range of project sizes, this is the only price book which sets out a detailed cost base for contracts exceeding £4,000,000 in value. Use the access code inside the front cover of the book to get set up with an ebook of this 2019 edition on the VitalSource® Bookshelf platform. This versatile and powerful online data viewing package is available for use until the end of December 2019. As well as an overhaul of prices, several new items have been added, including: Semi and automatic pedestrian doors -- revolving, sliding, and swing An expanded range of industrial shutter doors Industrial docks and shelters An expanded range of aluminium gutters ... along with the

standard features you have come to expect from SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK: 20,000 prices for the most frequently specified items, the majority with labour constants and detailed build-ups. Hundreds of alternative materials prices for the more unusual items. Detailed guidance on wage rates, daywork, cost limits and allowances, property insurance and professional fees, plus useful formulae, design criteria and trade association addresses. Updates, free of charge, two or three times a year – see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)

*Spon's Middle East Construction Price Book* Taylor & Francis

*Spon's Asia Pacific Construction Costs Handbook* includes construction cost

data for twenty countries. This new edition has been extended to include Pakistan and Cambodia. Australia, UK and America are also included, to facilitate comparison with construction costs elsewhere. Information is presented for each country in the same way, as follows: key data on the main economic and construction indicators. an outline of the national construction industry, covering structure, tendering and contract procedures, materials cost data, regulations and standards labour and materials cost data measured rates for a range of standard construction work items approximate estimating costs per unit area for a range of building types price index data and exchange rate movements against £ sterling, \$US and Japanese Yen. The



book also includes a Comparative Data section to facilitate country-to-country comparisons. Figures from the national sections are grouped in tables according to national indicators, construction output, input costs and costs per square metre for factories, offices, warehouses, hospitals, schools, theatres, sports halls, hotels and housing. This unique handbook will be an essential reference for all construction professionals involved in work outside their own country and for all developers or multinational companies assessing comparative development costs.

*Spon's Construction Resource Handbook*  
CRC Press

With tender prices rising slightly, looking at price lists is not enough - you need SPON'S ARCHITECTS' AND BUILDERS'

PRICE BOOK 2011 to get a competitive edge. SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK, compiled by Davis Langdon, provides the most accurate, detailed and professionally relevant construction price information currently available for the UK. Its unique Tender Index, updated through the year, provides an ongoing reality check and adjustment for changing market conditions. This is the only price book which sets out a detailed cost base for major works contracts exceeding £3,500,000 in value, as well as minor works. Major changes have been made to this 136th edition: Overheads and profits have been kept low and in line with actual levels. Preliminaries have also been dropped to 11%, on a lower cost base. And labour rates have been

adjusted to reflect today's fragile market. As well as an overhaul of prices, Spon's Architects' and Builders' Price Book 2011 includes: new Measured Works items including bio diverse roofs; Clayboard void formers; fire resisting glass blocks; UPVC window options (coloured, Secured by Design); glazing (curve cutting, drill holes); insulating panels (Kooltherm, Thermafloor, Thermaline); more internal door options; blister tactile paving; Metsec SFS framing; Ecosil paint new Approximate Estimating items: lift pits; Corium brick tiles; solar hot water; photovoltaic cells; and polished plaster extra elemental building cost models on land remediation; school refurbishment; and office refurbishment. Buyers of this 2011 edition can make a free internet

download of SPON'S ARCHITECTS' AND BUILDERS' price data, which will run to the end of 2011 and: Access Spon's new Approximate Estimates rate data, as well as the Measured Works data Produce estimate and tender documents Generate priced or unpriced schedules Adjust rates and data and enter rogue items Export schedules into Excel Carry out an index search. This year, for the first time, the resources include a versatile and powerful ebook.

Spon's Estimating Cost Guide to Roofing  
Routledge

Time was when the foremost aim and ambition of the English housewife was to gain a full knowledge of her own duties and of the duties of her servants. In those days, bread was home-baked, butter home-made, beer home-brewed,

gowns home-sewn, to a far greater extent than now. With the advance of education, there is much reason to fear that the essentially domestic part of the training of our daughters is being more and more neglected. Yet what can be more important for the comfort and welfare of the household than an appreciation of their needs and an ability to furnish them. Accomplishments, all very good in their way, must, to the true housewife, be secondary to all that concerns the health, the feeding, the clothing, the housing of those under her care. And what a range of knowledge this implies,—from sanitary engineering to patching a garment, from bandaging a wound to keeping the frost out of water pipes. It may safely be said that the mistress of a family is called upon to

exercise an amount of skill and learning in her daily routine such as is demanded of few men, and this too without the benefit of any special education or preparation; for where is the school or college which includes among its “subjects” the study of such every-day matters as bad drains, or the gapes in chickens, or the removal of stains from clothes, or the bandaging of wounds, or the management of a kitchen range? Indeed, it is worthy of consideration whether our schools of cookery might not with very great advantage be supplemented by schools of general household instruction. Till this suggestion is carried out, the housewife can only refer to books and papers for information and advice. The editors of the present volume have been guided by

a determination to make it a book of reference such as no housewife can afford to be without. Much of the matter is, of course, not altogether new, but it has been arranged with great care in a systematic manner, and while the use of obscure scientific terms has been avoided, the teachings of modern science have been made the basis of those sections in which science plays a part. Much of the information herein contained has appeared before in lectures, pamphlets, and newspapers, foremost among these last being the *Queen*, *Field*, *Lancet*, *Scientific American*, *Pharmaceutical Journal*, *Gardener's Chronicle*, and the *Bazaar*; but it has lost nothing by repetition, and has this advantage in being embodied in a substantial volume that it can always

be readily found when wanted, while every one knows the fate of leaflets and journals. The sources whence information has been drawn have, it is believed, in every case been acknowledged, and the editors take this opportunity of again proclaiming their indebtedness to the very large number of lecturers and writers whose communications have found a place within these covers. —The Editors.

*Spon's Asia-Pacific Construction Costs Handbook, Fourth Edition* CRC Press  
Specifically written for contractors and small businesses carrying out small works, *Spon's Estimating Cost Guide to Roofing* contains accurate information on thousands of rates, each broken down to labour, material overheads and profit. This is the first book to include typical

project costs for slating and tiling, sheeting, cladding and other coverings, rooflights, underfelt and battens, repairs and alterations, and different sized houses.

Spon's House Improvement Price Book  
CRC Press

Now in its 40th edition, Spon's External Works and Landscape Price Book 2021 offers the only comprehensive source of information for detailed external works and landscape costs. It covers all the items to be found in hard and soft landscape contracts, and forms an indispensable reference book for quantity surveyors, landscape architects, contractors and local authority managers – essential for compiling estimates, specifications, bills of quantities and works schedules – no matter what the

size of the project being undertaken. Use the access code inside the front cover of the book to get set up with an ebook of this 2021 edition on the VitalSource® Bookshelf platform, available for access and use until the end of December 2021. This NRM edition provides a revised and updated street furniture section. It also includes several new items: Kinley systems – Metal edgings and systems for landscapes and podiums New cost evaluations of water features Stainless steel landscape channel drainage All the standard features that you expect from SPON'S EXTERNAL WORKS AND LANDSCAPE PRICE BOOK remain: • material and measured work prices covering contract items from preliminaries and site clearance and encompassing the core external works

activities with full breakdowns into labour, materials and other components

- detailed guidance on wage rates, landscape consultants' fee scales
- an extensive Approximate Estimates section for rapid spot estimating
- updates, free of charge, twice a year – see inside for registration details.

Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)

*Spon's Architects' and Builders' Price Book 2019* CRC Press

Spon's Mechanical and Electrical Services Price Book 2019 continues to be the most comprehensive and best annual services engineering price book currently available, providing detailed pricing information across the full range of mechanical and electrical services, together with higher-level costs for a

diverse range of systems and different building applications. Use the access code inside the front cover of the book to get set up with an ebook of this 2019 edition on the VitalSource® Bookshelf platform. This versatile and powerful online data viewing package is available for use until the end of December 2019. In this 50th edition we have significantly updated the engineering features section and added a section on smart building technology. Along with the following new and significantly developed items: Tuneable white luminaires Wireless lighting control PV cells Battery storage systems All the standard features you have come to expect from SPON'S MECHANICAL AND ELECTRICAL SERVICES PRICE BOOK are also included, considered essential for

today's services cost professional: detailed materials prices, labour constants, labour costs and measured work prices for mechanical and electrical works, from above ground drainage to automatic transfer switches, and circuit breakers to sprinkler systems an extensive Approximate Estimating section for quick, rule-of-thumb pricing of mechanical or electrical installations, together with elemental services costs for different types and standard of buildings full details of wage rates, daywork and cost indices on a national and Central London basis an overhauled index and guidance notes updates, free of charge, two or three times a year - see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk) ~Spon's

Mechanical and Electrical Services Price Book 2019 continues to be the most comprehensive and best annual services engineering price book currently available, providing detailed pricing information across the full range of mechanical and electrical services, together with higher-level costs for a diverse range of systems and different building applications. Use the access code inside the front cover of the book to get set up with a VitalSource® ebook of this 2019 edition. This versatile and powerful online data viewing package is available for use until the end of December 2019. In this 50th edition we have significantly updated the engineering features section and added a section on smart building technology. Along with the following new and

significantly developed items: - Tuneable white luminaires - Wireless lighting control - PV cells - Battery storage systems All the standard features you have come to expect from SPON'S MECHANICAL AND ELECTRICAL SERVICES PRICE BOOK are also included, considered essential for today's services cost professional: • detailed materials prices, labour constants, labour costs and measured work prices for mechanical and electrical works, from above ground drainage to automatic transfer switches, and circuit breakers to sprinkler systems • an extensive Approximate Estimating section for quick, rule-of-thumb pricing of mechanical or electrical installations, together with elemental services costs for different types and standard of

buildings • full details of wage rates, daywork and cost indices on a national and Central London basis. • an overhauled index and guidance notes • updates, free of charge, two or three times a year – see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)

**Spon's Civil Engineering and Highway Works Price Book 2021** CRC Press

Recovery in construction is still on track. Business confidence is increasing – but still not yet secure. Following the 18% fall in tender prices between 2008 and 2013, price levels are beginning to recover some lost ground, particularly in the residential sector and with London based projects. It is important to make sure tenders are competitive, whilst



minimising your risk as input material prices and labour rates continue to rise and tender prices are forecast to increase an average of 4.5% over the next 3 years, reaching the pre 2008 recession levels in 2017. Spon's Architect's and Builders' Price Book, compiled by AECOM, still provides the most accurate, detailed and professionally relevant construction price information for the UK. Its unique Tender Index, updated through the year, gives an ongoing reality check and allows you to adjust for changing market conditions. Although it suits a wide range of project sizes, this is the only price book which sets out a detailed cost base for contracts exceeding £3,500,000 in value. Use the access code inside the front cover of the book to get set up with

internet access to this 2015 edition until the end of December 2015. We now provide SPON'S Online, a versatile and powerful online data viewing package. Major changes have been made to this 140th edition: As well as an overhaul of prices, over new items have been added. These include: New cost models for Business Parks and Data Centres An expanded range of Kingspan roof and wall claddings New ASSA ABBLOY sectional overhead doors, including rapid opening and fabric New ASSA ABBLOY industrial dock levellers and shelters An increased range of Altro safety flooring and resin flooring systems New Altro Whiterock hygiene doorsets  
*Spon's Mechanical and Electrical Services Price Book 2022* CRC Press  
A range of factors are all combining to

propel input cost inflation. Higher international logistics costs, returning demand from industry workload, and higher global metals prices are some of the ingredients to quicker building cost inflation. Whilst some EU materials exporters to the UK are adjusting to Brexit, other EU exporters — initially smaller or specialist firms hit proportionally harder — are now deciding not to supply the UK at all, because the additional red tape involved makes it not commercially viable. If this trend replicates across the whole EU to UK supply chain, visible disruption and higher prices are likely until other sources of supply begin to increase in volume and step in to address these supply issues. Among other exporters continuing to supply the UK, significant

price increases are being applied to cover the permanent Brexit non-tariff barriers and additional administrative processes. SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK 2022, compiled by AECOM, still provides the most accurate, detailed and professionally relevant construction price information for the UK. Its unique Tender Index, updated through the year (2015 = 100), gives an ongoing reality check and allows you to adjust for changing market conditions. Although it suits a wide range of project sizes, this is the only price book which sets out a detailed cost base for contracts exceeding £4,000,000 in value. Use the access code inside the front cover of the book to get set up with an ebook of this 2022 edition on the VitalSource® Bookshelf platform,

available for access and use until the end of December 2022. As well as an overhaul of prices, 145 new items have been added including: Two new Cost Models for school refurbishment Primary Healthcare Fit-Out Plus, expanded range of cast iron rainwater goods expanded range of matwells expanded range of vinyl floor finishes Ecotherm insulation Along with the standard features you have come to expect from SPON'S ARCHITECTS' AND BUILDERS' PRICE BOOK: 20,000 prices for the most frequently specified items, the majority with labour constants and detailed build-ups Hundreds of alternative materials prices for the more unusual items Detailed guidance on wage rates, daywork, cost limits and allowances, property insurance and professional

fees, plus useful formulae, design criteria and trade association addresses Updates, free of charge, twice a year - see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk) Spon's Architects' and Builders' Price CRC Press The definitive M&E price book with additions to the measured works, updates to approximate estimating and new engineering features. Spon's Mechanical and Electrical Services Price Book 2022 continues to be the most comprehensive and best annual services engineering price book currently available, providing detailed pricing information across the full range of mechanical and electrical services, together with higher-level costs for a

diverse range of systems and different building applications. Use the access code inside the front cover of the book to get set up with an ebook of this 2022 edition available for access and use until the end of December 2022. All the standard features you have come to expect from SPON'S are also included, considered essential for today's services cost professional: detailed materials prices, labour constants, labour costs and measured work prices for mechanical and electrical works, from above ground drainage to automatic transfer switches, and circuit breakers to sprinkler systems an extensive Approximate Estimating section for quick, rule-of-thumb pricing of mechanical or electrical installations, together with elemental services costs

for different types and standard of buildings full details of wage rates, daywork and cost indices on a national and Central London basis. an overhauled index and guidance notes updates, free of charge, twice a year – see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)  
*Spon's Architects' and Builders' Price*  
 CRC Press  
 SPON'S CIVIL ENGINEERING AND HIGHWAY WORKS PRICE BOOK 2020 from AECOM gives costs for both general and civil engineering works and highway works. It provides a full breakdown of labour, plant and material elements, with labour rates updated. cost guidance is given at a number of levels, varying from the more general functional costs to detailed resource costing, and in

conformity with CESMM4 and the Highways Method of Measurement. This 34th edition gives a strong development of prices for excavations and rail, and a general overhaul of prices through the book. Use the access code inside the front cover of the book to get set up with an ebook of this 2020 edition on the VitalSource® Bookshelf platform, available for access and use until the end of December 2020. In a time when it is essential to gain 'competitive advantage' in a sometimes turbulent market, this price book provides instant-access cost information and forms a one-stop reference. ... along with the standard features you have come to expect from SPON'S CIVIL ENGINEERING AND HIGHWAY WORKS PRICE BOOK: for budgeting: estimating principles, on-cost

advice, method-related charges for resource costings: labour costs, plant costs, material prices for rapid cost information: approximate estimates, dayworks, cost indices for plant and labour allowances: production rates, outputs, man hour constants for detailed pricing: unit costs with full breakdown, or specialist prices, with advice on item coverage, waste allowances and comparative costs for incidental advice: tables and formulae, technical information, professional advice updates, free of charge, twice a year - see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk) Spon's Architects' and Builders' Price Routledge Especially written for contractors and

small businesses carrying out small works, *Spon's House Improvement Price Guide* contains accurate information on thousands of rates, each broken down to labour, material overheads and profit.

*Spon's First Stage Estimating Handbook, Third Edition* CRC Press

A complete review of the fast-developing topic of high performance concrete (HPC) by one of the leading researchers in the field. It covers all aspects of HPC from materials, properties and technology, to construction and testing.

The book will be valuable for all concrete technologists and construction engineers wishing to take advantage of the re *Spon's Architects' and Builders' Price Book 2019* CRC Press

*Spon's Architects' and Builders' Price Book 2022* CRC Press

*Spon's Civil Engineering and Highway Works Price Book 2022* CRC Press  
*Spon's Mechanical and Electrical Services Price Book 2018* continues to be the most comprehensive and best annual services engineering price book currently available, providing detailed pricing information across the full range of mechanical and electrical services, together with higher-level costs for a diverse range of systems and different building applications. Use the access code inside the front cover of the book to get set up with a VitalSource® ebook of this 2018 edition. This versatile and powerful online data viewing package is available for use until the end of December 2018. With new cost models for a gym, a spa and a bar, this edition also includes the following new items:

Solar thermal panels A physical access control barrier system A security revolving door And significant developments to Calorifiers Commercial Boilers Combined heating and power systems Heat exchangers All the standard features you have come to expect from SPON'S MECHANICAL AND ELECTRICAL SERVICES PRICE BOOK are also included, considered essential for today's services cost professional: detailed materials prices, labour constants, labour costs and measured work prices for mechanical and electrical works, from above ground drainage to automatic transfer switches, and circuit breakers to sprinkler systems an extensive Approximate Estimating section for quick, rule-of-thumb pricing of mechanical or electrical installations,

together with elemental services costs for different types and standard of buildings full details of wage rates, daywork and cost indices on a national and Central London basis. an overhauled index and guidance notes updates, free of charge, two or three times a year - see inside for registration details. Updates are available online at [www.pricebooks.co.uk](http://www.pricebooks.co.uk)  
Spon's Mechanical and Electrical Services Price Book 2019 CRC Press  
This brand-new book provides a thorough introduction to cost estimating in a self-contained print and online package. With clear explanations and a hands-on, example-driven approach, it is the ideal reference for students and new professionals who need to learn how to perform cost estimating for building

construction. With more than 930 Location Factors in the United States and Canada, the data includes up-to-date system prices for more than 100 standard assemblies and in-place costs for thousands of alternatives

making it easy to customize budget estimates and compare system costs. The book includes a free access code to the supplemental website with plans, specifications, problem sets, and a full sample estimate.