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# Estimating Construction Costs

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Electrical Construction Cost Estimating  
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The Civil Engineering Handbook  
Project Management for Construction  
Estimating Construction Costs  
Dodge guide for estimating public works construction costs  
Building Design and Construction Handbook  
Bringing Realism to Estimating  
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Construction Cost Estimating  
Dodge Guide for Estimating Public Works Construction Costs  
Fundamental Concepts for Owners, Engineers, Architects, and Builders  
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Dodge Guide for Estimating Public Works Construction Costs. No.1- (1969).

The Engineer's Cost Handbook

Estimating Construction Costs

*Estimating  
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## **ARIANA SIDNEY**

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### **Budget Through Bid**

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details on how a general  
building contractor

derives the cost of a project before it begins, and how the estimate fits into the total construction process. The book provides coverage of such areas as determining labor productivity and wages, selecting equipment and assigning productivity rates and costs, acquiring specialty contractor prices, and assigning overhead costs and profit. The material is presented from the point of view of a general contractor working on a competitively bid stipulated-sum (lump-

sum) contract. However, other contract methods and the effects they have on the estimating process are also discussed. Furthermore, the principles of estimating for the specialty trades are discussed from the reference of a general building contractor, and how the subcontractor's bid will affect the total project cost is presented. Of special note is the book's introduction and utilization of computers in the estimating process - enabling readers to utilize new technology in an

effective and efficient manner. The book is organized in a way that first teaches the reader to perform many of the estimating activities manually, then guides them in developing a computer spreadsheet. The use of spreadsheets empowers the reader to go beyond the manual calculations and develop new and more proficient solutions to estimating problems. *Sweets Residential Cost Guide 2011* McGraw-Hill Companies  
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defensible, and achievable software estimates Based on data collected by the International Software Benchmarking Standards Group (ISBSG), Practical Software Project Estimation explains how to accurately forecast the size, cost, and schedule of software projects. Get expert advice on generating accurate estimates, minimizing risks, and planning and managing projects. Valuable appendixes provide estimation equations, delivery rate

tables, and the ISBSG Repository demographics. Verify project objectives and requirements Determine, validate, and refine software functional size Produce indicative estimates using regression equations Predict effect and duration through comparison and analogy Build estimation frameworks Perform benchmarks using the ISBSG Repository Compare IFPUG, COSMIC, and FiSMA sizing methods Peter Hill is the chief executive officer and a

director of the ISBSG. He has been in the information services industry for more than 40 years and has compiled and edited five books for the ISBSG.  
*McGraw-Hill's ... Dodge Guide to Public Works and Heavy Construction Costs*  
*Building News*  
 Companies live or die on the basis of estimating their costs. Preparing estimates and bidding for new jobs is a complex and often costly process. There is no substitute for on the job training -- until now. Drawing on the

authors' combined experience of more than 70 years, *Estimating Building Costs* presents state-of-the-art principles, practices, a Ri Im Estimating Construction Cost McGraw-Hill College Building Construction Estimating furnishes readers with specific details on how a general building contractor derives the cost of a project before it begins, and how the estimate fits into the total construction process. The book provides coverage of such

areas as determining labor productivity and wages, selecting equipment and assigning productivity rates and costs, acquiring specialty contractor prices, and assigning overhead costs and profit. The material is presented from the point of view of a general contractor working on a competitively bid stipulated-sum (lump-sum) contract. However, other contract methods and the effects they have on the estimating process are also discussed. Furthermore, the

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manually, then guides them in developing a computer spreadsheet. The use of spreadsheets empowers the reader to go beyond the manual calculations and develop new and more proficient solutions to estimating problems.

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### **Estimating Construction Costs**

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"Capers Jones' work offers a unique contribution to the understanding of the economics of software production. It provides deep insights into why our advances in computing are not matched with corresponding improvements in the software that drives it. This book is absolutely required reading for an understanding of the limitations of our technological advances." - Paul A. Strassmann, former CIO of Xerox, the Department of Defense, and NASA

**Sixth Edition** McGraw-Hill Companies  
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*Preparation of Cost Estimates, Military*

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In preparing the sixth edition of "Estimating Construction Costs" the author has retained the fundamental concepts of estimating that have made the book successful for many years. All of the example problems have been revised with more explanations regarding assumptions used in the calculations. This edition has reorganized and consolidated chapters to increase the clarity of the subject matter for the reader. Extensive new

sections have been added on equipment, including graders equipped with GPS, and methods of calculating depreciation, investment, and operating costs of construction equipment. The computer estimating chapter is revised with additional material on the use of computers in preparing estimates for bidding purposes.

Sweets Unit Cost Guide  
CRC Press

First published in 1995, the award-winning Civil Engineering Handbook soon became known as

the field's definitive reference. To retain its standing as a complete, authoritative resource, the editors have incorporated into this edition the many changes in techniques, tools, and materials that over the last seven years have found their way into civil engineering research and practice. The Civil Engineering Handbook, Second Edition is more comprehensive than ever. You'll find new, updated, and expanded coverage in every section. In fact, more than 1/3 of the

handbook is new or substantially revised. In particular you'll find increased focus on computing reflecting the rapid advances in computer technology that has revolutionized many aspects of civil engineering. You'll use it as a survey of the field, you'll use it to explore a particular subject, but most of all you'll use The Civil Engineering Handbook to answer the problems, questions, and conundrums you encounter in practice. Construction Planning,

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well as providing practical tips on how to estimate. Specifically details the process for developing three separate types of estimates: a budget estimate during design development, a guaranteed-maximum-price estimate for a cost-plus contract, and a bid for a lump-sum contract. The book also discusses analysis of subcontractor quotations as well as estimating job site general conditions and company overhead costs; it even includes discussion of negotiated

contracts. A comprehensive reference for construction professionals such as cost estimators and project managers.

*Sweets Facilities Cost Guide 2006* McGraw-Hill College

In preparing the sixth edition of *Estimating Construction Costs* the author has retained the fundamental concepts of estimating that have made the book successful for many years. All of the example problems have been revised with more explanations regarding

assumptions used in the calculations. This edition has reorganized and consolidated chapters to increase the clarity of the subject matter for the reader. Extensive new sections have been added on equipment, including graders equipped with GPS, and methods of calculating depreciation, investment, and operating costs of construction equipment. The computer estimating chapter is revised with additional material on the use of computers in preparing estimates for bidding

purposes.

*Estimating Construction Costs* McGraw-Hill

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An international edition of this product is available for sale overseas and in international markets.

*Solutions to Problems in Estimating Construction Costs* Chris Hendrickson

Offers coverage of each important step in engineering cost control process, from project justification to life-cycle costs. The book describes cost control systems and shows how to apply the principles of value

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**Estimating Construction Costs ... Second Edition** McGraw-Hill

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components, and costs, and management techniques.

*Electrical Construction Cost Estimating* Estimating Construction Costs Sixth Edition

Estimating is one of the most important steps in the construction process, often determining the success or failure of a project. This work offers a step-by-step approach to the budgeting-estimating process, from concept-budget through schematic and pre-bid estimates to contractor's estimates. Estimating Construction

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