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Cpg Residential Repair & Remodeling Costs with Rsmeans Data: 60342 - Rsmeans 2021-11-18

The data inside this book gives you total unit price costs for every aspect of the most common repair and remodeling projects, in a format organized for the way you build - from frame to finish. It covers every step needed to complete each task, and includes demolition, installation, painting, cleaning and more.

RSMeans Building Construction Cost Data 2015 - Stephen C. Plotner 2014-09-29

Get the confidence and know-how you need to deliver more accurate cost estimates and improve profitability. The 73rd edition of this bestselling cost guide has been updated and expanded to provide you with the information you need to: Estimate projects with confidence and accuracy Improve project planning and budgeting Reduce risk Access detailed construction costs, arranged in the CSI MasterFormat 2010 system, and leverage the resources available in the reference section to construct a winning estimate.

2017 National Plumbing & HVAC Estimator - James A. Thomson 2016-10
Manhours, labor and material costs for all common plumbing and HVAC work in residential, commercial, and industrial buildings. You can quickly work up a reliable estimate based on the pipe, fittings and equipment required. Every plumbing and HVAC estimator can use the cost

estimates in this practical manual. Sample estimating and bidding forms and contracts also included. Explains how to handle change orders, letters of intent, and warranties. Describes the right way to process submittals, deal with suppliers and subcontract specialty work. Included in this edition: costs for ASME "H" or "U" stamped, LFUE certified 90% or better green certified boilers, costs for emission sensing and recording equipment for boilers, costs for self-contained roof-top DX air conditioning units, costs for heat recovery ventilators, roof exhaust fans, makeup air units, ventilation exhausters, energy-effecient exhauster arrays, air balance software, LEED certified boilers, residential heat pumps, LEED ce

National Electrical Estimator 2018 - Mark C. Tyler 2017-10

"Current labor and material cost estimates for residential, commercial, and industrial electrical work"--Cover.

National Plumbing & HVAC Estimator - Craftsman Book Company
2003-09-18

Man-hours, labor and material costs for all common plumbing and HVAC work in residential, commercial, and industrial buildings. Anyone can quickly work up a reliable estimate based on the pipe, fittings and equipment required for the job. Every plumbing and HVAC estimator can use the cost estimates in this practical manual. Sample estimating and bidding forms and contracts also included. Explains how to handle

change orders, letters of intent, and warranties. Describes the right way to process submittals, deal with suppliers and subcontract specialty work. Includes an electronic version of the book with a stand-alone Windows estimating program Free on a CD-ROM.

RSMeans Illustrated Construction Dictionary - RSMeans 2012-10-16
This concise student edition of the most widely used dictionary for construction and design professionals offers clear explanations of essential construction-related terms and concepts. Illustrated throughout with explanatory drawings and photographs, it is an indispensable reference for beginning and advanced students in construction, architecture, design, facility management, real estate, and other related fields. Features include: Easy-to-understand definitions of nearly 10,000 terms, phrases, and abbreviations from every area of construction More than 1,400 drawings and photographs that help clarify concepts Up-to-date coverage of new industry trends, including building automation, energy conservation, green building, historic preservation, and more An extensive reference section with plan symbols, conversions and equivalents, and more

Estimating for Residential Construction - David Pratt 2011-04-18
ESTIMATING FOR RESIDENTIAL CONSTRUCTION, 2E provides a very visual, reader-friendly introduction to processes as it details the steps involved in accurately preparing a cost estimate. In his signature clear, straightforward writing style, proven author David Pratt explains how to price excavation and site work, concrete, carpentry, masonry, plumbing, heating, and electrical work, as well as the general expenses and sub-trade work. He also covers the impact of green building practices. The book offers specifics on how to prepare a bill of materials from a takeoff, summarize and prepare a bid for a custom home, assess markup on an estimate, and review a bid before it is submitted to the client. It covers the basic math of residential work early on, devotes an entire chapter to remodeling, and provides tips of the trade from professionals in every chapter. In addition, the Second Edition is linked to a Student Companion Website, where instructors and students can access spreadsheets to assist in estimating tasks and problems. Important

Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Facilities Maintenance & Repair Costs with Rsmeans Data - Rsmeans 2018-11-21

The first-ever publication to address the cost of all aspects of maintaining your facility: maintenance and repair, preventive maintenance, general maintenance and complete details about the cost and repair frequencies of thousands of work items. This book provides comprehensive coverage of all aspects of buildings and grounds, from preventive maintenance schedules on large boilers, to replacing fire hydrants, to resurfacing parking lots and more.

National Construction Estimator - 1953

RSMeans Mechanical Cost Data - Rsmeans 2015-11-02

Means Mechanical Cost Data 2016 This expert reference guide gives you materials, equipment, and labor costs to develop reliable cost estimates for even the most complex mechanical construction projects.

Estimating in Building Construction - Frank R. Dagostino 2008

Everything needed for a course in Estimating is provided in this proven text, which combines coverage of principles with step-by-step procedures. Ideal for construction, architecture, and engineering students, it reflects the popular approach of tracing a complete project's progress. The use of computers as a key estimating tool is incorporated throughout.

Building Construction Cost Data - Stephen C Plotner 2017-10-31

Get the confidence and knowhow you need to deliver more accurate cost estimates and improve profitability. The 76th edition of this bestselling cost guide has been updated and expanded to provide you with the information you need to estimate projects with confidence and accuracy, improve project planning and budgeting, and reduce risk.

Rsmeans Building Construction Cost Data 2016 - Stephen C. Plotner 2015-11-02

The Building Construction Cost Data 2016 Get the confidence and know-how you need to deliver more accurate cost estimates and improve

profitability. The 74th edition of this bestselling cost guide has been updated and expanded to provide you with the information you need to estimate projects, planning & budgeting.

Plumbing Costs with Rsmeans Data: 60212 - Rsmeans 2021-11-09

The best value data set for Fire Protection and Plumbing Cost Data. Pricing for items typically used for a complete Fire Sprinkler system. Many types of Piping, fittings and fixtures for a variety of Plumbing installations. A small quantity of HVAC items that work in conjunction with the Plumbing Division. Great for Fire Protection and Plumbing contractors, who will never install items such as Doors and Walls.

Estimating Excavation - Deryl Burch 1997

This manual shows you, in simple, easy -to-understand language, how to calculate the amount of dirt you'll have to move, the cost of owning and operating the machines you'll do it with, and finally, how to assign bid prices to each part of the job. Using clear, detailed illustrations and examples, the author makes it easy to follow and duplicate his system. The book ends with a complete sample estimate, from the take-off to completing the bid sheet. Included in this book: -- How to set up & use an organized & logical estimating system -- How to read plans & specs -- Why a site visit is mandatory -- How to assess accessibility & job difficulty -- How soil characteristics can affect your estimate -- The best ways to evaluate subsurface conditions -- Figuring your overhead -- How to get the information you need from contour maps -- When you have to undercut -- Dealing with irregular regions and odd areas -- Factors for estimating swell and shrinkage -- Balancing the job: spoil & borrow -- Calculating machine owning & operating costs -- The two common methods of estimating earthwork quantities

Residential and Light Commercial Construction Standards - RSMMeans 2008-06-26

A popular reference used daily by builders, contractors, architects, and owners, this guide is a unique collection of industry standards that define quality in construction. For contractors, subcontractors, owners, developers, architects, engineers, attorneys, and insurance personnel, it provides authoritative requirements and recommendations compiled

from the nation's leading professional associations, industry publications, and building code organizations. New third edition is completely updated to the latest standards, codes, and trends. Coverage includes standards for concrete, masonry, framing, finish carpentry and cabinetry, insulation, roofing, windows and doors, drywall and ceramic tile, floor covering, plumbing, electrical, HVAC, and more. This one-stop reference is enhanced by helpful commentary from respected practitioners, including identification of items most frequently targeted for construction defect claims. FEATURES: This one-of-a-kind resource enables you to: Establish an acceptable quality of workmanship Resolve disputes and avoid litigation Train personnel in correct installation procedures Answer client questions and authority Easily find applicable building code information The nationwide team of editors includes leading contractors, engineers, architects and construction defect analysts. They provide practical installation tips, along with advice on how to avoid the most frequently cited defect claims.

Strengthening Forensic Science in the United States - National Research Council 2009-07-29

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including

upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Heavy Construction Costs with Rsmeans Data - Rsmeans 2020-11-17

With Heavy Construction Costs, you get costs for all types of heavy construction - from highways, bridges, utilizes, rails and marine projects, to sanitary and storm sewer projects. Unit costs for over 15,000 work items, assembly costs for over 2,000 work items, reference articles, crew tables and equipment rental tables to help you estimate new construction, demolition work, repairs, replacements and change orders.

National Construction Estimator - Richard Pray 2015-10

"Labor and material costs, manhours and city cost modifiers for all residential, commercial and industrial construction"--Cover.

Electrical Costs with Rsmeans Data - Rsmeans 2019-10

Resources for all types of estimators, including contractors, designers and engineers. The latest costs for green building materials, including LED light fixtures, wind turbines, electrical meters, car charging stations and more.

National Construction Estimator 2019 - Richard Pray 2018-10

Current building costs for residential, commercial, and industrial construction. Estimated prices for every common building material, the labor cost to install the material and a total "installed" cost. For those jobs where you can't rely on your past experience to estimate, rely on the prices in this national standard of construction costs to get you safely in the ballpark. Provides manhours, recommended crew, and the labor cost for installation of every job and practically every type of material in construction. Provides clear descriptions on what is included in the job being estimated so you know exactly what the job and the prices for that job entail. Every cost is carefully described. It even provides suggested crew sizes, and equipment rates.

Square Foot Costs with Rsmeans Data - Rsmeans 2020-10-21

This easy-to-use guide gives you the building components required to develop accurate assemblies-level cost estimates, evaluate trade-off costs and verify unit price estimates. Be prepared to estimate any job with this indispensable cost reference. An accurate estimate of costs to build your particular project depends on location, project scope, specific components used and current market conditions.

Site Work & Landscape Costs with Rsmeans Data - Rsmeans 2019-12

Designed for estimating for infrastructure improvements, environment-oriented construction, hazardous waste, ADA-mandate handicapped access and more. Including costs for polyethylene pipe, insulated concrete forms, aerators, soil nailing, concrete curbs, demolition items, utilities, security items, etc.

RSMeans Estimating Handbook - RSMeans 2009-08-28

This comprehensive reference covers the full spectrum of technical data required to estimate costs for major construction projects. Widely used in the industry for tasks ranging from routine estimates to special cost analysis projects, the book has been completely updated and reorganized with new and expanded technical information. RSMeans Estimating Handbook will help construction professionals: Evaluate architectural plans and specifications Prepare accurate quantity takeoffs Compare design alternatives and costs Perform value engineering Double-check estimates and quotes Estimate change orders FEATURES: This new edition includes expanded coverage of: Construction specialties—green building, metal decking, plastic pipe, demolition items, and more Preliminary or square foot estimating tools Updated city cost indexes to adjust costs—by trade—for 30 major cities Historic indexes to factor costs for economic effects over time Complete reorganization to the newest CSI MasterFormat classification system

Heavy Construction Cost Data - Rs Means 2008-12-01

With Means Heavy Construction Cost Data 2009, you get costs for all types of heavy construction—from highways, bridges, utilities, rails and marine projects, to sanitary and storm sewer projects—which lets you estimate a wider range of street and roadway construction. This cost data is excellent for D.O.C., J.O.C., S.A.B.E.R., and B.O.S. projects

Construction Supervision - Jerald L. Rounds 2010-03-11

This book covers all supervisory situations one is likely to encounter on a commercial, industrial, or institutional construction project. The book is based upon a very successful Electrical Project Supervision (EPS) training program developed by Rounds and Segner for the National Electrical Contractor's Association and licensed to several organizations representing other construction sectors. This program has been delivered for over a decade and continues to be delivered to thousands of construction supervisors each year. The program content has consistently received outstanding reviews and evaluations in numerous different venues.

Estimating Building Costs for the Residential and Light Commercial Construction Professional - Wayne J. Del Pico

2012-04-30

How to succeed in the construction business—step-by-step guidelines for estimating To be competitive, contractors and homebuilders need to know how to generate complete, accurate estimates for labor and material costs. This book guides readers through the entire estimating process, explaining in detail how to put together a reliable estimate that can be used not only for budgeting, but also for developing a schedule, managing a project, dealing with contingencies, and ultimately making a profit. Completely revised and updated to reflect the new CSI MasterFormat 2010™ system, the Second Edition of this practical guide describes estimating techniques for each building system and how to apply them according to the latest industry standards. Cost considerations and quantity takeoff and pricing are included for virtually every type of work found in residential and light commercial projects, from demolition, concrete, and masonry to windows and doors, siding, roofing, mechanical and electrical systems, finish work, and site construction. Complete with many new graphics and references to professional construction cost databases, the new edition provides experienced contractors and novices alike with essential information on: How to correctly interpret plans and specifications, reflecting updates to contract documents since the first edition Computer estimating

techniques and new estimating software for performing quantity takeoff The best methods for conceptual estimating as well as the extremely useful topic of parametric estimating How to allocate the right amounts for profit and contingencies, and other hard-to-find professional guidance How a unit price estimate is built along with labor issues and budgeting for subcontractor work

RSMeans Building Construction Cost Data 2014 - RSMeans Co.

2013-09-27

Get the confidence and know-how you need to deliver more accurate cost estimates and improve profitability. The 72nd edition of this bestselling cost guide has been updated and expanded to provide you with the information you need to: * Estimate projects with confidence and accuracy * Improve project planning and budgeting * Reduce risk Access detailed construction costs, arranged in the CSI MasterFormat 2010 system, and leverage the resources available in the reference section to construct a winning estimate. * What you'll find inside: * More than 24,000 unit costs for building components * Equipment rental costs * Crew sizes, labor hours, and labor rates * Square foot costs * Reference section with more than 90 reference tables, estimating aids, and technical data * City Cost Indexes for over 900 locations in the U.S. and selected locations in Canada

Construction Cost Indexes January 2022: 60142a - Rsmeans

2022-02-15

The RSMeans Construction Cost Indexes are a means to compare costs from city to city, costs over time, and to localize the RSMeans national average construction costs.

Mechanical Costs with Rsmeans Data: 60022 - Rsmeans 2021-11-03

This expert cost guide gives you materials, equipment and labor costs to develop reliable cost estimates for even the most complex mechanical construction projects.

RSMeans Cost Data, + Website - RSMeans 2012-04-10

RSMeans Cost Data, Student Edition 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. Features include: Commercial and residential construction cost data in print and online formats Complete how-to guidance on the essentials of cost estimating A supplemental website with plans, specifications, problem sets, and a full sample estimate 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 alternates—making it easy to customize budget estimates and compare system costs. UNIT PRICES (organized in MasterFormat 2010) 1 General Requirements 2 Existing Conditions 3 Concrete 4 Masonry 5 Metals 6 Woods, Plastics & Composites 7 Thermal & Moisture Protection 8 Openings 9 Finishes 10 Specialties 11 Equipment 12 Furnishings 13 Special Construction 14 Conveying Equipment 21 Fire Suppression 22 Plumbing 23 Heating, Ventilating & Air Conditioning 26 Electrical 27 Communications 28 Electronic Safety & Security 31 Earthwork 32 Exterior Improvements 33 Utilities ASSEMBLIES A Substructure B Shell C Interiors D Services E Equipment & Furnishings F Special Construction G Building Site Work REFERENCE INFORMATION Equipment Rental Costs Crews Cost Indexes Reference Tables Square Foot Costs

Means Building Construction Cost Data - 1993

Excavation & Grading Handbook - Nick Capachi 1987

It includes hundreds of tips, pictures, diagrams and tables that every excavation contractor and supervisor can use This revised edition explains how to handle all types of excavation, grading, paving, pipeline and compaction jobs -- whether it's a highway, subdivision, commercial, or trenching job. This edition has been completely rewritten to cover new materials, equipment and techniques. It includes hundreds of tips, pictures, diagrams and tables.

How to Estimate with RSMeans Data - Saleh A. Mubarak 2012-04-04

Using North America's most recognized construction cost data from RSMeans, this step-by-step guide develops problem-solving skills through

over 300 sample problems and exercises. All of the major construction items, including site work, concrete and masonry, wood and metal framing, doors and windows, and more are covered. Access to a password-protected web site is included, which contains the instruction version of RSMeans Cos/Works, the electronic version of RS Means Building Construction Cost Data, and sample building plans and spreadsheets, enabling you to practice creating a complete construction estimate.

The Engineer's Cost Handbook - Richard E. Westney 1997-02-26

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 engineering. It explains estimating methodology and the estimation of engineering, engineering equipment, and construction and labour costs *Electrical Estimating Methods - Wayne J. Del Pico 2014-11-17*

Simplify the estimating process with the latest data, materials, and practices *Electrical Estimating Methods, Fourth Edition* is a comprehensive guide to estimating electrical costs, with data provided by leading construction database RS Means. The book covers the materials and processes encountered by the modern contractor, and provides all the information professionals need to make the most precise estimate. The fourth edition has been updated to reflect the changing materials, techniques, and practices in the field, and provides the most recent Means cost data available. The complexity of electrical systems can make accurate estimation difficult, but this guide contains all the necessary information in one place. An electrical estimate represents the total cost for materials, labor, overhead and profit, but accuracy is virtually impossible without a basic knowledge of the field, and real-world experience in the type of work required. Inaccurate estimates lead to problems with customer satisfaction, which often create payment issues. A thorough, complete, and accurate estimate is in the best interest of all parties involved in the work. *Electrical Estimating Methods* provides more than just data. Detailed discussions about the work itself help highlight factors that may escape notice, and access to the latest

cost data helps tie everything together. Features include: Discussion of current equipment, materials, and processes Means data for both residential and commercial projects Case studies that illustrate best practices Online access to the latest Means data for fast access on the job The book discusses specific situations as well as general practices, and provides comprehensive guidance to the creation of a true, current, estimation of costs. For electrical contractors and estimators, *Electrical Estimating Methods* contains must-have content that simplifies the estimating process.

Medical and Dental Expenses - 1990

Life Cycle Costing for Facilities - Alphonse Dell'Isola 2003-05-30

This comprehensive resource provides expert guidance on how Life Cycle Costing (LCC) can optimize decision-making and enhance long-term

profit. Sixteen case studies show how to apply LCC to particular facility types and building components, in a new construction and remodeling.

Electrical Costs with Rsmeans Data - Rsmeans 2020-10-15

Resources for all types of estimators, including contractors, designers and engineers. The latest costs for green building materials, including LED light fixtures, wind turbines, electrical meters, car charging stations and more.

Square Foot Costs with Rsmeans Data: 60052 - Rsmeans 2021-11-15

This easy-to-use guide gives you the building components required to develop accurate assemblies-level cost estimates, evaluate trade-off costs and verify unit price estimates. Be prepared to estimate any job with this indispensable cost reference. An accurate estimate of costs to build your particular project depends on location, project scope, specific components used and current market conditions.