Rsmeans Building Construction Cost Data 2012 Means Building Construction Cost Data

Facilities Construction Cost Data is devoted specifically to the needs of professionals responsible for the maintenance, construction and renovation of commercial, industrial, municipal and institutional properties. This reference provides immediate access to every imaginable cost associated with facilities construction and renovation, plus many common maintenance items with more than 48,000 unit price line items and thousands of assemblies.

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.

This title is designed to aid construction professionals estimate, plan and budget the costs of green construction--both new commercial construction and renovation work. A wide array of green building products and systems--from high efficiency heating, cooling and electrical plumbing, to photovoltaic panels, green roofs and win power, to high performance glass and more. Must-have data for a rebounding construction market with continual improvement to sustainable design Assemblies and unit price sample estimates in both print and electronic format along with a square foot section with full, green cost models for 25 building types

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.

Interior Costs with Rsmeans Data: 60092

Building Construction Cost Data

The All-in-One, Authoritaative Reference Compiled from: Major Building Codes; Recognized Trade Customs; Industry Standards

Green Building Costs with Rsmeans Data

RSMeans Cost Data, + Website

Thisbrand-new book provides a thorough introduction to cost estimatingin a self-contained print and online package. With clearexplanations and a hands-on, example-driven approach, it is theideal reference for students and new professionals who need tolearn how to perform cost estimating for building construction.With more than 930 Location Factors in the United States andCanada, the data includes up-to-date system prices for more than100 standard assemblies and in-place costs for thousands ofalternates making it easy to customize

budget estimates andcompare system costs. The book includes a free access code to thesupplemental website with plans, specifications, problem sets, anda full sample estimate.

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

We no longer build buildings like we used to nor do we pay for them in the same way. Buildings today are no longer only shelter but are also life support systems, communication terminals, data manufacturing centers, and much more. Buildings are incredibly expensive tools that must be constantly adjusted to function efficiently. The economics of building has become as complex as its design. When buildings were shelter they lasted longer than their builders. The av erage gothic master mason lived 35 or 40 years. Cathedrals took 3 or 4 hundred years to build. Cost estimates were verified by great great grandchildren of the original designer. Today, creative economics has become as important as creative design and creative building. The dient brings builder, contractor, architect, and facilities manager to account in their life time. The cost of building can therefore no longer be left to chance or act of god. Solutions are no longer as ingeniously simple as those proposed by a Flor entine builder early in the 15th century. He proposed to center the dome of S. Maria del Fiore on a great mound of earth mixed with pennies. When the job was done street urchins would carry away the dirt in their search for the pennies. This was a serious suggestion offered by an early construction manager before Brunelleschi solved the problem more sensibly.

60129

Light Commercial Costs with Rsmeans Data: 60182

Electrical Estimating Methods

Building Construction Costs with Rsmeans Data

RSMeans Building Construction Cost Data 2014

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

Data aimed at estimating the cost of new single family residential construction. Designed for home owners, contractors, estimators, architects and engineers. Featuring unit, assemblies and square foot prices.

Seventy-fourth edition titled: RSMeans building construction cost data.

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.

Square Foot Costs with Rsmeans Data

60050

Means Residential Cost Data

Facilities Construction Costs With RSMeans Data

Mechanical Costs with Rsmeans Data

This data set specifically addresses the light commercial market, which is a specialized niche in the construction industry. This aids you, the owner/designer/contractor in preparing all types of estimates from preliminary budgets to detailed bids.

Previously published as: RSMeans building construction cost data.

The 20th annual edition of this guide can help professionals spend less time on estimates. This all-in-one resource for smarter, more reliable estimating is packed with industry standard, reliable costs for any phase of construction. Includes information on developing square foot, assemblies or unit price estimates; Open Shop Crew Tables detailing labor and equipment costs; and more.

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.

Western Edition

60170

Heavy Construction Costs with Rsmeans Data

RSMeans Mechanical Cost Data

Means Building Construction Cost Data

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.

"A comprehensive collection of commerical new construction costs, the 78th edition of this cost book provides data for project types ranging from industrial and retail to multi-family housing and public buildings. Find material, union labor, and equipment prices for electrical, mechanical, site work, framing, and more. With adjustments for more than 930 locations across North America, costs can be localized for even greater accuracy"--Back cover.

A practical, hands-on guide to real-world construction estimating How to Estimate with RSMeans Data is the only instructional book on construction cost estimating that uses the most popular source of construction cost data, RS Means. This updated fifth edition includes new coverage on the role of Building Information Modeling (BIM) in the estimating process, and over 300 sample problems and exercises that show you how to apply cost data to your building project based on the RS Means 2015 Building Construction Cost Data. The companion website provides access to RS Means CostWorks data, allowing you to use real-world numbers in your practice estimates, and the included Instructor's Manual provides step-by-step solutions to problems in the book. Focused on the practical aspects of estimating, this book emphasizes the application of estimating techniques—which are transferable to any estimating software—through problem solving and the ground-up creation of complete construction project estimates. Estimating skills are fundamental to the construction industry, and are applied by all parties at all levels throughout the industry. This book is a hands-on guide to the techniques and tools used to create a thorough estimate, with plenty of opportunities for practice. Apply cost data to all aspects of the building project Practice your skills on over 300 sample problems Construct a complete estimate using RSMeans Besides being an essential construction skill, learning estimating helps you become familiar with reading and understanding construction blueprints and how construction assemblies are built. Mastery of these vital skills is important to your future career, and How to Estimate with RSMeans Data is your ideal guide to a solid foundation.

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.

Labor Rates for the Construction Industry with Rsmeans Data

2022 National Building Cost Manual

Heavy Construction Cost Data

60019

Construction Cost Estimating

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.

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 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 Construction Cost Estimating equips a new generation of students and early-career professionals with the skills they need to bid successfully on projects. From developing bid strategies to submitting a completed bid, this innovative textbook introduces the fundamentals of construction estimating through a real-life case study that unfolds across its 24 chapters. Exercises at the end of each chapter offer hands-on practice with core concepts such as quantity take-offs, pricing, and estimating for subcontractor work. Online resources provide instant access to examples of authentic construction documents, including complete, detailed direct work estimates, subcontractor work estimates, general conditions estimates, markups, and summary schedules. Through its unique mix of real-world examples and classroom-tested insights, Construction Cost Estimating ensures that readers are familiar with the entire estimating process even before setting foot on the jobsite.

Rsmeans Building Construction Cost Data 2016
Building Construction Costs with Rsmeans Data: 60012
Building Construction Costs With RSMeans Data 2020
60160
Yardsticks for Costing

Yardsticks for Costing is cost data for the Canadian construction industry. It has been prefigured for 8 major regions coastto coast, in metric and imperial. It contains all new 2018 current market unit costsmetric and imperialfor over 2,600 construction components, new 2018 composite unit rates for more than 300 installed systemsboth metric and imperialas well as new 2017 gross building costs for 35 typical structures at three quality levels: low, average and high.
The focus of this data set is on new, commercial, interior

construction. It is aimed primarily at estimating commercial and
industrial projects or large multi-family housing projects
costing $3,500,000 or more. Although it captures data from each
MasterFormat division, the divisions typically associated with
exterior construction have been abbreviated. Those divisions
with an interior focus (9, 10, 11, and 12) have been expanded.
The wage rate is union and the assumption is that the installing
contractor has annual billings of $4,000,000 or more. Since the
data set includes both unit price and assembly formats, this
data set can be used to develop budget as well as detailed
estimates.

The professional's choice for construction cost estimating, this
handbook now provides more than 500 updated unit prices that had
formerly been available only in the Western edition as well as
many other new line items.

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.
Heavy Construction Costs With RSMeans Data 2017
Residential and Light Commercial Construction Standards
RSMeans Building Construction Cost Data 2010
Building Construction Costs With RSMeans Data 2017
RSMeans Building Construction Cost Data 2015
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.

This publication is good for anyone who needs to know breakdown of base and fringe pay by trade, current and historically. It helps to see how labor costs vary over the country and how they have changed over time.

This data set is aimed primarily at estimating commercial and industrial projects or large multi-family housing projects costing $3,500,000 and up.

RSMeans Building Construction Cost Data

Facilities Construction Costs with Rsmeans Data: 60202

2022 Total In-Place Costs for Residential, Commercial, Agricultural, and Military Structures

How to Estimate with RSMeans Data

Construction Cost Indexes January 2022: 60142a