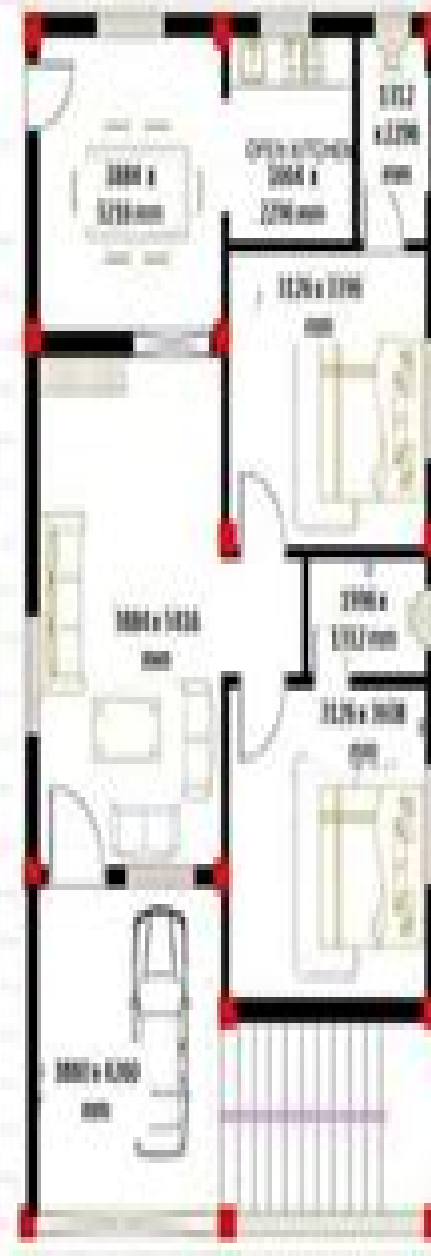


QUANTITY SHEET

Sr. No.	Item Description	No.	Length (m)	Width/ Breadth (m)	Height/ Depth (m)	Quantity
1	Earthwork in Excavation in Foundation					
	Footing (1m x 1m)	15	1.00	1.00	2.25	55.52 cu m
	(1.7m x 1.0m x 0.25m = 0.425 m)					
	Depth From G.L. = 2.25 m					
2	PCC in Foundation					
	(1.7m x 1.1m x 0.40 m) (0.248 m)	15	1.1	1.1	0.44	1.01 cu m
3	Footing					
	(1.7m x 1.1m x 250 mm) (0.250 m)	15	1	1	0.25	2.25 cu m
4	RCC Column					
	Size = 230 mm x 230 mm	15	0.25	0.25	2.25	2.32 cu m
	m = 2.25 m (up to Floor)					
5	RCC Beam at Ground Level					
	Beam - 1 (230 x 230 mm) L = 3.12 m	1	3.12	0.25	0.25	0.31 cu m
	Beam - 2 (230 x 230 mm) L = 3.40 m	1	3.4	0.25	0.25	1.05 cu m
	Beam - 3 (230 x 230 mm) L = 3.76 m	1	3.76	0.25	0.25	0.91 cu m
	Beam - 4 (230 x 230 mm) L = 3.52 m	1	3.52	0.25	0.25	0.96 cu m
	Beam - 5 (230 x 230 mm) L = 3.75 m	1	3.75	0.25	0.25	0.98 cu m
	Beam - 6 (230 x 230 mm) L = 3.28 m	1	3.28	0.25	0.25	0.52 cu m



Types of Estimates in Building Construction

Civil Engineering Estimate Guide

Bryan Spain



Civil Engineering Estimate Guide:

Construction Estimating Karl F. Schmid, 2011-09-30 This pocket sized book is a concise guide to the basics of estimating construction costs for residential and light commercial building projects It provides a step by step guide to estimating the total cost of a construction project It takes readers through five phases that lead to a successful estimate initial assessment work analysis programming costing and cost distribution and summarization The book s primary targets are small contractors however the principles set forth in the book are applicable to all contractors The book could also serve as a textbook for estimating classes in construction management programs at universities and community colleges The last section of the book provides useful but not readily available information for estimators on diverse topics e g detailed information about Value Engineering scheduling subcontractor selection bid summarization and so on An extensive glossary of construction terms is also included Readers in all construction capacities will find A new fresh look at the often baffling and deceptive job of estimating construction costs for residential and light commercial construction How to assess plans review bonds and evaluate the site and the project schedule before beginning a cost take off How to integrate a cost estimate into a general accounting program for cost management and eventual billing Incredibly helpful appendix with common construction standards and measurements from standards for concrete forms to nail sizes to commercial lumber sizes and much more *Navy Civil Engineer*, 1977 **Spon's First Stage Estimating Handbook** Bryan Spain, 2010-01-27 Have you ever had to provide accurate costs for a new supermarket or a pub just an idea a ballpark figure The earlier a pricing decision has to be made the more difficult it is to estimate the cost and the more likely the design and the specs are to change And yet a rough and ready estimate is more likely to get set in stone Spon s First *Atchley's Civil Engineer's and Contractor's Estimate and Price Book for Home Or Foreign Service ... In Two Parts* W. Davis HASKOLL, 1876 **Atchley's Civil Engineer's and Contractor's Estimate and Price Book, for Home Or Foreign Service, Etc** William Davis Haskoll, 1872 *Construction Practices for Land Development: A Field Guide for Civil Engineers* Dewberry, 2019-04-12 Proven construction administration techniques for the civil engineer from pre construction to closeout of land development projects The complexity of modern land development requires the civil engineer to play an integral role in working with both the owner and contractor to meet schedule and budget requirements The engineer s role is emphasized with the prevalence of design build contracts and necessitated by current environmental regulations *Construction Practices for Land Development A Field Guide for Civil Engineers* builds on the design topics included in *Land Development Handbook* as a project progresses from design into the construction phase In addition to traditional responsibilities such as RFI responses and shop drawing review the civil engineer is responsible for evolving the design throughout permitting and construction to address site conditions operations and regulatory requirements This hands on civil engineering guide offers explanations of Project delivery methods Pre construction administration Construction cost estimates Construction stakeout surveys

Construction administration Advanced construction roles Construction techniques Construction closeout Construction equipment *Engineering Estimates, Costs, and Accounts* Alfred John]. [Liversedge,1890 Griffiths Building & Civil Engineering Price Book 2018 ,2018 **Builder's Guide to Accounting** Michael C. Thomsett,2001-07 This book includes self test section at the end of each chapter Test yourself then check answers in the back of the book to see how you score CD ROM included **Engineering Estimates, Costs, and Accounts** ,1911 Construction Cost Engineering Handbook Anghel Patrascu,1988-03-30 This book explains the basic and advanced aspects of engineering economics cost estimating cost control cost forecasting and planning and scheduling It is intended for engineers architects and managers involved in or planning to be involved in engineering and construction projects **Standard Handbook for Civil Engineers** Frederick S. Merritt,M. Kent Loftin,Jonathan T. Ricketts,1996 This is the classic reference covering all important principles and techniques needed by practicing civil engineers especially those who have to make decisions affecting planning design and construction Spon's First Stage Estimating Handbook Bryan J. D. Spain,2000 *Civil Engineering Guidelines for Planning and Designing Hydroelectric Developments: Planning, design of dams, and related topics, and environmental* American Society of Civil Engineers,1989 **Means Heavy Construction Handbook** Richard C. Ringwald,1993-02-23 This working handbook provides invaluable assistance for estimating and planning today s more complex urban and suburban heavy construction rehabilitation projects Means Heavy Construction Handbook is designed to simplify the task by providing relevant information and advice for the problem at hand whether it s selecting the right number of haulers for a load and haul job choosing the right method of compaction or projecting equipment repair and maintenance costs You ll find a tremendous range of expert advice on every aspect of heavy construction work including guidance for using RSMeans cost data to prepare highly reliable estimates FEATURES Special benefits of this unique Handbook Explains the business aspects of buying vs leasing maintaining and accounting for equipment Includes a major section on site evaluation and hazardous wastes Provides a comprehensive understanding of heavy construction operations and equipment Explains techniques for hazardous waste site assessment and remediation Provides guidance for analyzing and estimating heavy construction on a unit price basis Explains and illustrates the math of heavy construction with formulas and sample calculations solutions to a variety of productivity and operational problems Provides a substantial Appendix of productivity and other reference data for estimating and project planning Explains successful management and supervision approaches including guidance for those who oversee the work **Recommended Contract Practices for Underground Construction, Second Edition** Sarah H. Wilson,2019-05-10 A successful underground project is one where relationships are strong the objectives as understood by each party are met or exceeded and the work product serves its stakeholders and is maintainable in a way that fits with the project vision High level metrics for project success relate to safety quality schedule and budget The first edition of Recommended Contract Practices for Underground Construction has become a valued resource for the underground industry

serving as a concise guide for drafting and implementation of contract provisions It provided improvements to underground contracting practices during all project stages It also presented clear roles and responsibilities for project participants to promote better contracts This second edition was undertaken by the UCA of SME because the industry has undergone numerous changes over the last decade Changes in tunneling technology more common use of design build as a contracting mechanism and many lessons learned have sparked some creative contract approaches The recommendations contained in this edition are intended to guide owners and their engineers in developing and administering contracts and to give contractors a better understanding of the rationale behind contract provisions The goal is that more underground projects in this country can be best projects where improved relationships and fair contracts enable all project participants to personally invest in cost effective profitable projects ensuring the continued health of the underground industry *Surveying, as*

Practiced by Civil Engineers and Surveyors ... John Whitelaw,1902

How to Estimate with RSMeans Data

RSMeans,Saleh A. Mubarak,2020-03-31 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 Griffiths Building & Civil Engineering Price Book 2022 Griffiths & Hutchins Publications,2017 Standard Handbook of Consulting Engineering Practice Tyler Gregory Hicks,Jerome F. Mueller,1986

Reviewing **Civil Engineering Estimate Guide**: Unlocking the Spellbinding Force of Linguistics

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