ABOUT THE BOOK

The entire subject of Estimating, Costing, Professional Practice, Quantity Surveying and Valuation is divided in two parts:

Part I: Professional practice and Quantity Surveying
Part II: Valuation.

This edition is thoroughly revised, extensively enlarged and completely modified. Each topic of the book has been arranged in such a way that the reader is empowered with an in-depth knowledge of the subject. In this revised and enlarged edition four new chapters have been added. Plenty of new matter, numerous examples and figures have been added as per the latest syllabus of different universities of India. The permutation of some of the sporadic matter have been made to collocate the topics in order.

The outline of the book is:

Chapter 1: Introduction to the subject of Estimating and Costing
Chapter 2: Consists the Types of Estimates
Chapter 3: Elucidates Taking Out Quantities
Chapter 4: Expounds Mode and Units of Measurements
Chapter 5: Discuss about the Specifications and provides 66 model specifications of common civil engineering items.
Chapter 6: Market Survey, explains main components of the estimates i.e., rates of materials, labour and construction equipments used.
Chapter 7: Rate Analysis of 98 typical items

Chapters 8 to 14 gives 64 variety of Practical Estimates of Various Types of Buildings; Different R.C.C. Structures; Formwork; Roof and Steel Structures; Water Supply and Sanitary Works; Bridges; Culverts; Piers; Irrigation Works; Road Works.

Chapters 15 to 18 gives Contracts, Tenders, Conditions of Contracts, Arbitration, Accounts.

Chapters 19 gives knowledge of Construction Management, Planning, CPM, PERT, Materials Management etc.

Chapters 20 to 29 gives various topics of Valuation such as Cost, Price, Value, Mortgage, Freehold and Leasehold Properties, Outgoings and Net Income, Easements, Valuation of Licensed Premises, Depreciation, Standard Rent, Methods of Valuation, Valuation Tables etc.

Appendix provides 101 Practical Questions with Answers for viva-voce.

It is hoped that the book will satisfy the needs of the Civil Engineering students preparing for the Degree examinations of almost all the Indian Universities, Diploma examinations conducted by various Boards of Technical Education, Certificate courses as well as for the A.M.I.E., U.P.S.C., G.A.T.E., I.E.S. and other similar competitive and professional Examinations. It should also be of an immense help to the practising Civil Engineers.
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