

AMC- 23: QUANTITY SURVEYING AND CONTRACT & TENDERS

1. ESTIMATING

Introduction, Definition, Data Required for Preparation of an estimate, Types of Estimates, Items of Work, Description of an Item of Work, Measurement of Works, Guidelines for Measurements, I.S. mode or Units of Measurements, Plinth Area, Floor Area, Carpet and F.S.I.

2. APPROXIMATE ESTIMATES

Introduction, Definition, Purpose of Necessity, General Principle of Preparing Approximate Estimates, Methods of Preparing Approximate Estimates

3. TAKING OUT QUANTITIES

Introduction, Definition, General procedure of measurement of works, Methods of taking out Quantities, Comparison of English and P.W.D. method, Various items of works, Prime Costs (P.C.) and Provisional Sums (P.S.), Provisional Quantities, Spot Items, Contingencies, Work-charged Establishment, Centage Charges, Building Estimate Methods, Checks over the Accuracy of Detailed Estimates, Relation between Cost of various Items with respect to Total Cost of Building, Some typical estimates of Works, Schedule of Rates for Common Items of works in Building construction

4. ANALYSIS OF RATES (OR PRICES)

Introduction, Purpose of Analysis of Rates, Factors Affecting Rate analysis, Task Work, Table showing the Task Work, Table showing Materials Required for Different Items of Works, Labour Requirements for different Items of Works, Computations of Quantities of Materials required for Various Items of Works, Increase in Rates or Prices for Additional Floors, Water Charges, Requirements of Cement bags for various items of works, Approximate Rates of Materials of Construction, Approximate Rates of Equipment/Machinery required for works, Transportation of Materials and cost, Rates specified for various categories of Laborers in Building Industry, Analysis of Rates of Principles of Items of Work in the Building Construction

5. SPECIFICATIONS

Introduction, Definition of Specifications, Purpose of Specifications, Types of Specifications, Classification of Specifications According to Purpose, Requirements of Good Specifications, Detailed Specifications, Standard Specifications, Detailed Specifications for Common Items of Building Work

6. VALUATION OF PROPERTY

Introduction, Cost Price and Value, Purpose (or Object) of Valuation, Factors affecting Valuation of a Property, Different Nomenclatures for the Value, Year Purchases (Y.P.), Sinking Fund and Sinking Fund Installment, Valuation Tables, Annuity, Ownership of the Property, Returns from the Property, Depreciation and Methods of Computations of Depreciation, Mortgage, Easement, Methods of Valuation Property, Fixation of Rent of a Property, Reversionary Value of Land (or Land on Reversion), Illustrative Problems, Valuation of a (Building) Property

7. CONTRACTS AND TENDERS

Methods of Executing Works, Tenders, Contracts
