



An ISO 9001 - 2008
Organization



TWG GROUP

THE WORD OF GOD

INTERNATIONAL STANDARD

ISO/IEC-17025:2005 NABL ACCREDITED FOR NDT

(Dept. of Science and Technology, Government of India)



Accreditation Certificate No: T - 2387
Metal Lab



सत्यमेव जयते
Government of India

QUANTITY SURVEY

1. PROCEDURE OF ESTIMATION

Introduction, metric system and primary units, International system of units, Methods of estimation, Main items of work, Deduction of opening etc. R.C.C and R.B work, flooring and roofing, plastering and pointing, pillars, doors and windows, wood work, iron work, white washing, colour washing, distempering, painting, lumpsum items, rates, reducing calculation, degree of accuracy. Units of measurements, units of works, sizes and dimensions of various works, modular bricks. Traditional bricks and thickness of wall.

2. METHOD OF BUILDING ESTIMATES

Estimate of walls by separate and centre line method, Estimate of stair cases.

3. ESTIMATE OF BUILDINGS

Estimate of masonry platform, estimate of masonry tank, estimate of single room with verandah, estimate of two roomed building. Estimate of three roomed building. Estimate of an office building. Estimate of shop building

4. RCC WORKS AND STRUCTURES

R.C.C work, percentage steel reinforcement, standard hooks and cranks of reinforcement, estimate of R.C.C slab, beam, column and foundation.

5. SANITARY AND WATER SUPPLY WORKS

Sanitary works, soak pit, septic tank, water supply pipe line.

6. ANALYSIS OF RATES

Labour required for different works, materials for cement concrete preparing analysis of rates, excavation rates.

7. SPECIFICATIONS

General specifications of 1st class, 2nd class, 3rd class and 4th class materials.

8. RULES AND METHODS OF MEASUREMENT

General rules, Earth work, concrete, brickwork, stone masonry, carpenter work, steel and iron work, roof covering, ceiling, floor, plastering, white washing, colour washing, painting, sanitary and water supply works.

9. VALUATION

Valuation, gross income, net income, outgoings, scrap value, salvage value, Obsolescence, annuity, capitalized value, years purchase, sinking fund, Depreciation, Valuation of building, method of valuation, life of various items of work, mortgage lease, fixation of rent

10. PLANNING OF BUILDING AND COLONY

Principle of house planning region wise, ventilation, Economy in construction, Design of building, Area of cubic space for different type of buildings. Planning of residential buildings, Sizes of room, Floor area of rooms and heights, Arrangements of rooms, position and purpose. Height of rooms, height of buildings, thickness of wall, residential accommodation for various classes of employees. Utilisation of space, planning and layout of residential colony.

11. SCHEDULE OF RATES METRIC AND F.P. SYSTEM

Schedule of rates earthwork concrete damp proof course, brick work, stone work, wood work, mild steel, iron work, roof work, ceiling, plastering and pointing, flooring, painting, varnishing and distempering, white and colour washing, well work, road work, annual repair work, transport, material rates.

CHENNAI

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Virugambakkam Bus Stop and Mosque Opposite,
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KOCHI

"TWG GROUP KOCHI"
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V.P Marakkar Building,
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VIZAG

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TRIVANDRUM | CALICUT | HYDERABAD | PONDICHERY | MADURAI | NAGARCOIL | AMARAVATI

