BLD416: Economic Analysis of Building Prices and Estimating (2 Units)

Department of Building Technology

Covenant University
1. BLD416
1.1. BLD416: Economic Analysis of Building Prices and Estimating (2 Units)

The course is a continuation of Estimating and Tendering I. Approximate estimating; Methods of approximate estimating, Sources of cost information, Pro-rata rates. Build up of unit rates for Metalwork doors & windows, handrails, balustrades, Finishes floor & wall tiling, plastering, wardrobe units; plumbing pipes and sanitary wares; Glazing, Painting and Decorating, Contractors bidding strategies and analysis of bidding performance, Seminar on current estimating practice in Nigeria. Cost analysis, choice of elements and categorization, preparation and interpretation and analysis of price levels and market conditions; Preliminary investigation to establish price levels and other factors influencing cost of proposed projects; Cost planning principles and presentation of cost plans, cost limits and cost indices, prediction of future price levels; Systems setting elemental targets based on cost analysis data and systems based on estimating principles; comparative cost solutions; Cost advice and checking procedures during preparation of drawings; Planning efficiency, use of floor area, effect on cost of size, shape, number of storeys, function and other design variables; Costs-in-use and application to choice of materials, forms of construction and services installations; Recording and analysis of maintenance and running costs; Method of monitoring and cost control during construction process; Financial reports, valuations, settlement of final accounts, including claims.