



Suderman Electrical Estimating Training

Course 2

Estimating Fundamentals

(Review only)

What is an Estimate?

Role of an Estimator

Setting up to Estimate

Methods of Estimating

Estimating Tools and Forms

Labour Manual and use

Pricing

Detailed Take Off

(Review only)

Review drawings and specifications

Organization of Estimate

Reviewing of Addendums

Measuring and Counting

Use of Forms

*** Phases of a job, Layout and Estimate ***

- Fire alarm, design and take-off
- Service & Distribution Panel 600A
- Service & QMQB Panel Board 2000A
- CDP Panel Board and feeder 400A
- Remove existing service and feeder
- Install new 2000A Switchgear, rework feeders
- Bus duct 600A and feeder
- MCC, 8 motors & controls, design and take-off
- 5KV service

Pricing, Laboring, Summarizing

Listing of Material

Pricing and Labouring units and extension

Summarizing

- Labour Cost

- Non-productive labour

- Job Expenses

-Subcontracts, testing and engineering

- Mark-up and Profit

- Job Closing

*** Miscellaneous Costing ***

Extras on a jobsite

Hourly cost of a vehicle

Hourly charge out rate

Examples of Unit Pricing

Introduction to Computer Estimating

(If time allows)

Advantages of computerized estimating

Setup of job to take-off

Inputting of take-off

Typical extension and Recap sheet

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