

To Become Government Contractors Essential Trainings



01	Quantity Survey	5 Days	Fees RS. 5,000
02	Estimation & Rate Analysis	2 Days	Fees RS. 5,000
03	Tendering for Profit	2 Days	Fees RS. 5,000
04	Contracts & Budgeting	2 Days	Fees RS. 5,000
05	Govt. Tendering	1 Day	Fees RS. 3,000
06	Govt. Estimation	2 Days	Fees RS. 5,000
07	Etendering	2 Days	Fees RS. 5,000
08	Billing	2 Days	Fees RS. 5,000

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1387 Engineers & Contractors

1st Institute started training of

Estimating, Estimation, Tendering for Profit, Government Billing

Give Missed call to get in touch with your personal Councillor

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Civil Engineering IIT

3rd floor , Behind Bank of India, Ketki Chambers, Adjacent to Alka Talkis, Sadashiv Peth, Pune, Maharashtra 411030



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 **91120 78534/38/39**

ISO 9001-2015 (QMS) Certified Institute
Empowering Civil Engineers Since 2015

Certificate Course in Cost Engineering : Content

Days	Sr. No.	Topics Covered
Day 1 General Introduction	Topic No. 1	Brief introduction
	Topic No. 2	Units of measurements
	Topic No. 3	Job Responsibilities
	Topic No. 4	Formats of measurement sheet
	Topic No. 5	Formats of abstract sheet
	Topic No. 6	Formats of summary sheet
	Topic No. 7	Referring IS code
	Topic No. 8	Handling deductions
	Topic No. 9	Introduction to DSR
	Topic No. 10	Thumb rules
	Topic No. 11	Reading of Drawing
Day 2 Quantity Takeoff Earthwork	Topic No. 12	Footing Excavation, Slopes
	Topic No. 13	Plinth Excavation
	Topic No. 14	Backfilling in Footing Pit
	Topic No. 15	Plinth Filling
	Topic No. 16	Soling
	Topic No. 17	Anti termite
Day 2 Quantity Takeoff PCC	Topic No. 18	Footing PCC
	Topic No. 19	Plinth Beam PCC
	Topic No. 20	Plinth Level floor PCC
Day 3 Quantity Takeoff RCC	Topic No. 21	RCC Footing various Types
	Topic No. 22	RCC Columns : Various Types
	Topic No. 23	RCC Plinth beams / Tie beams
	Topic No. 24	Damp Proof Course (DPC)
Day 4 Quantity Takeoff RCC	Topic No. 25	RCC Columns : Various Types
	Topic No. 26	RCC Floor Beams
	Topic No. 27	RCC Slabs
Day 5 RCC	Topic No. 28	RCC Shear Walls
	Topic No. 29	RCC Staircase
Day 6 Brickwork	Topic No. 30	100mm/ 4" thk Brickwork
	Topic No. 31	150mm/ 6" thk Brickwork
	Topic No. 32	230mm/ 9" thk Brickwork
Day 7 Plastering & Waterproofing	Topic No. 33	Internal Plaster
	Topic No. 34	External Plaster
	Topic No. 35	Waterproofing : Box, Brick Bat, Chemical
Day 8 Tile Works	Topic No. 36	Tiling work, Flooring, Skirting, Dado
	Topic No. 37	Trades & Risers, Window Sills, Kitchen Otta
	Topic No. 38	Natural Stone Floorings, Parking & Common Area
	Topic No. 39	Door & Window Frames
Day 9 Carpentry Work, Window & Fab	Topic No. 40	Carpentry: Door Frames, Door Shutters, Door Fittings.
	Topic No. 41	Windows : Wooden, MS, Aluminium
	Topic No. 42	Fabrication
Day 10	Topic No. 43	Painting : Internal & External
Day 11	Topic No. 44	Plumbing Work & Drainage Work
Day 12	Topic No. 45	Electrical Works

Certificate Course in Cost Engineering : Content

Days	Sr. No.	Topics Covered
Day 13 : BBS	Topic No. 46	Footing Steel Quantity Takeoff
Day 14 : BBS	Topic No. 47	Column Steel Quantity Takeoff
Day 15 : BBS	Topic No. 48	Beams, Lintels Steel Quantity Takeoff
Day 16 : BBS	Topic No. 49	Slab, Chajja Steel Quantity Takeoff
Day 17 : BBS	Topic No. 50	Staircase Steel Quantity Takeoff
Day 18 : BBS	Topic No. 51	Lift wall, Retaining Wall, Padadi Steel Quantity Takeoff
Day 19 : BBS	Topic No. 52	Underground & Overhead Water Tanks Steel Quantity Takeoff
Day 20 : RA	Topic No. 53	Rate Analysis of Excavation, Backfilling, Soling
Day 21 : RA	Topic No. 54	Rate Analysis of Concrete Items & Steel
Day 22 : RA	Topic No. 55	Rate Analysis of Brickwork, Plaster, Waterproofing
Day 23 : RA	Topic No. 56	Rate Analysis of Flooring Items & Painting
Day 24 : RA	Topic No. 57	Rate Analysis of Doors, Windows, Railing & Other Items
		Tendering
Day 25 : Tender	Topic No. 58	Tender Document Reading
Day 26 : Tender	Topic No. 59	Understanding SSR (State Schedule of Rates)
Day 27 : Tender	Topic No. 60	Reading of BOQ to Identify LME & OHP
Day 28 : Tender	Topic No. 61	Tender Working : Overheads
Day 29 : Tender	Topic No. 62	Tender Item Rate Analysis
		Contract
Day 30 : Con	Topic No. 63	Introduction of Contracts & Contractual Formalities
Day 31 : Con	Topic No. 64	Workorders, Terms & Conditions, Arbitration, Contract Closing
		Billing
Day 32 : Billing	Topic No. 65	Day to day measurement book recording
Day 33 : Billing	Topic No. 66	Abstracting & Summarizing
Day 34 : Billing	Topic No. 67	Debit & Credit Notes, Taxes
	Topic No. 68	Material Reconciliation
	Topic No. 69	Invoice submission, checking and certification
	Topic No. 70	Payment recovery
Day 35 : Billing	Topic No. 71	Final Bill
	Topic No. 72	Client & Contractor Billing Difference
Day 36 : Billing	Topic No. 73	Departmental Labour Billing
	Topic No. 74	Virtual completion certificate
	Topic No. 75	Final completion certificate
Day 37 - 40	Final Evaluations, Mock Interviews, Award of Certificates	

Course Features:

1. 2 Months Regular Batch : 3-4 Hrs Teaching + 3-4 Hrs Assignment Completion in classroom
2. Training on Laptop Using Autocad & Excel
3. Expert Industry Faculty with Live Project Assignments & case studies
4. Advance Formula Sheets to make quantity takeoff faster
6. 1 course with Placement chances for more than 7 profiles

Give Missed Call on **8767930930**

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Billing Workshop

★ Training Content ★

1. Billing in **Government Sector** & Private Sector
2. What is **Schedule B, Schedule C**
3. What is **BOQ**, How to read & Prepare it.
4. How to Prepare **Measurement Sheet**.
5. Preparing **Abstract**
6. How to Fill **MB (Measurement Book)**
7. What **Important documents** needed for preparing Bills.
8. Applying **Taxes / GST**
9. What are various types of **Deductions**: Retention / SD etc.
10. How to prepare **Reconciliation / Excess Saving Charts**
11. When we can claim **Rate Escalation**.
12. Importance of Various columns given in Billing: **Uptodate Quantity/Amount, This bill Quantity/Amount, Previous Bill Quantity/Amount**

In Addition to Billing, Also get guidance on **increasing Profit** by using following **Value addition tools** Making Zero Budget, Tracking of Budget, Preparing Cost Centers of Sites, How to Control Cost Overruns.

1st Institute started training of Etendering, Estimation, Tendering for Profit, Government Billing.

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1268

Engineers &
Contractors



Govt. Project Estimation

What You Learn:

ANDROID APP ON
Google play

1. Reading **PWD SSR 2019-20**, We will Provide copy of SSR in PDF & Excel format.
2. Rate Impact of **General Notes** from SSR
3. **SSR Instructions** for Preparing Estimates
4. What **Basic Rates** of Materials considered in SSR, **Taxes & Govt. Circulars**.
5. What is Lead, How to find Lead Value from **Lead Chart**
6. What is **Lift**, How to apply it on Items.
7. **SCADA Calculations** in Minor Works.
8. Calculations for **Laboratory Testing Items**
9. How to Prepare **Measurement Sheet**
10. How to Prepare **Rate Analysis Sheets**
11. How to Prepare **Abstract**.
12. How to Prepare **General Abstract**.
13. Preparing **Royalty Statement**
14. Preparing **covering letter & attaching other documents & drawings**, like quarry chart, site layout, Fund Head Sheet, Certificate C1/C2/C3, etc.

For Booking & More Details
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