Estimation & Costing (DI04006021)

Lecture 28: Bill of Quantities (BOQ)

What is a BOQ?

- A document used in tendering containing an itemized list of materials, parts, and labor (with their costs) required to construct a project.
- Prepared by the cost consultant / estimator based on the completed drawings and specifications.

Purpose of BOQ

- Standardizes the tender process (all contractors price the exact same quantities).
- Forms the basis for valuation of work during construction (interim bills).

Format of BOQ

Item No.	Description of Work	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	PCC 1:4:8 in foundation	50.0	m^3	[To be quoted]	[Calculated]
2	First class brickwork	120.0	m^3	[To be quoted]	[Calculated]

- The unpriced BOQ is given to contractors.
- The contractor fills in the ‘Rate’ and ‘Amount’ columns.
- The sum of the amount column is the Total Bid Price.