

QS: Senior Quantity Surveying Techniques Seminar Outline

Course Objectives:

To acquire solid knowledge in Quantity Surveying Techniques including conditions of contract, bill of quantities, work classification and others.

Structure: 14 hours to be carried out over 3 days including valuable supporting document.

Who should Attend:

Project Managers, Quantity Surveyors, Quality Managers, Construction Managers and other managers involved in QS/QA and Project Management.

Course Outline:

Work Classification:

- ❖ Standard method of measurement: civil engineering standard method of measurement (cesmm3)
- ❖ Application and extent
- ❖ Object of cesmm3
- ❖ Object of the bill of quantities

Application Of The Work Classification:

- ❖ Item description
- ❖ Mode of description
- ❖ Separate items
- ❖ Units of measurement
- ❖ Measurement rules
- ❖ Definition rules
- ❖ Coverage rules
- ❖ Additional coverage rules
- ❖ Applicability of rules

Coding And Numbering Of Items:

- ❖ Coding
- ❖ Item numbers
- ❖ Coding of unclassified items
- ❖ Numbering of items with additional description

Preparation Of The Bill Of Quantities:

- ❖ Measurement of completed work
- ❖ Sections of the bill of quantities
- ❖ List of principal quantities
- ❖ Preamble

- ❖ Daywork schedule
- ❖ Work items: division of the bill of quantities into parts; headings and sub-headings; extent of itemization and description; descriptions; ranges of dimensions; prime cost items; provisional sums; quantities; units of measurement; work affected by water; ground and excavation levels; form and setting
- ❖ Grand summary: general contingency allowance; adjustment item; total of the priced bill of quantities

Completion, Pricing And Use Of The Bill Of Quantities:

- ❖ Insertion of rates and prices
- ❖ Parts to be totalled
- ❖ Adjustment item

Method-Related Charges:

- ❖ Definitions
- ❖ Insertion by a tenderer
- ❖ Itemization
- ❖ Description
- ❖ Contractor not bound to adopt method
- ❖ Charges not to be measured
- ❖ Payment
- ❖ Payment when method not adopted

Work Classification