

QS Exam Notes Preview

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Terminology

1. **Bill Of Quantities (BOQ):** A trade order list of materials, labour and services necessary to construct a particular project.
2. **Billing:** The quantity surveying process of writing or drafting BOQs descriptions and presenting the quantity for each description

Sample Exam Structure

Type 1 Question – There will be up to two example drawings of sections of works, you will be required to list at least 5 items that need to be measured for the BOQ for the example section. Sections could include: Groundworks, Concrete, Formwork, Reinforcement etc. (See ASMM)

Question:

Read below comment: "Successful tendering and allow sufficient commences with the CIDRA board cited in..."

Explain at least five |

Answer:

Tenders based on d

- Lose a chance specification
- Require the t costly.
- Be more like inadequate c
- Make realistic tenders would
- Difficult to a:

Item no - Each item in t

Description - Descriptive necessary details for pr

Unit - The relevant unit

Quantity - When transferred sheets), it should be rounded billed to 2 decimal places

Rate and Amount - The by the quantity, you get

Functions of the BOQ

- BOQ is part of the
- Quality and quantity represents the v
- Assist with c
- Ordering of
- Provide a uniform

Types of Quantities

1. **Bills of Quantities (BOQ):** This is the ASMM or other method as stated
2. **Specified Bills of Quantities:** The Bill of Quantities and there is no normally provided by the Architect format of the BOQ.
3. **Bill of Provisional Quantities:** The usually prepared to reduce document tender is required and it is necessary: accuracy of measurement is not a: quantities must not be less than, c drawings.
4. **Bill of Remeasured Quantities:** The BOQ) is prepared on those project tendering purposes.
5. **Schedules of Rates:** Schedules of included in contracts to obtain rates
6. **Builders' Bills:** Quantities for basic specific method of measurement. tendering.

Centre line measurement

This is used for measurement of brick walls, trench excavation, strip footing, etc.

Formula of centre line:

$CL = 2a + 2b - 4c$,
if 'a' and 'b' are external dimensions; or

$CL = 2a + 2b + 4c$,
if 'a' and 'b' are internal dimensions: or

General Format of the BOQ

Item No	Description	Unit	Quantity	Rate	Amount	
					\$	c