

For Use With *Construction Project Management: A Complete Introduction*

by Alison Dykstra. This quiz is for the use of teachers who assign this textbook and may be edited as required to meet the needs of the class. It may not be posted online or otherwise used.

[Note to teachers: Every chapter will be covered in a 20 question Quick Quiz and in a Mid-term or Final Examination.]

Quick Quiz #3: Chapters 9, 10 & 11 Finding and Qualifying for Work, Estimating

1. Costs are typically classified by the general contractor as direct, indirect project or indirect business costs. *Identify the correct cost category for each item below:*

Subcontractor's crews _____ Rent for the home office _____

Weekly GC/Arch meeting _____ The GC's superintendent _____

Temporary power _____ The GC's attorney _____

Home office computer _____ Insurance at the jobsite _____

For the following questions identify the (one) response that you think is correct.

2. An estimate would be used for which of the following?
- To make a decision regarding the size of a project
 - To make a decision regarding the quality of the finishes
 - To evaluate a subcontractor's bid
 - All of the above
3. From the owner's perspective, conceptual estimates are helpful because:
- They provide detailed information regarding construction costs
 - They are used in bidding to help select the prime contractor
 - An inaccurate conceptual estimate will result in a reason to fire the contractor
 - None of the above
4. A performance bond is for the following purpose:
- To give an owner confidence that the construction work will be completed
 - To ensure that the lowest bidder will sign a contract
 - To provide insurance to the contractor in case there is an accident on the jobsite
5. Which of the following would typically be of concern to a general contractor when developing a detailed estimate?
- Local economic conditions
 - Familiarity with similar types of work
 - Identity of the client
 - All of the above

6. Which of the following provides protection to the owner against having a lien filed against his property?
 - a. Bid bond
 - b. Contractors license bond
 - c. Performance bond
 - d. Payment bond

7. A contractor's surety rating is based on the following:
 - a. Her integrity
 - b. Her financial ability
 - c. Her experience
 - d. All of the above
 - e. None of the above

8. A successful estimate by a bidding contractor has the following characteristics:
 - a. It doesn't include subcontractor costs
 - b. Costs reflect local conditions
 - c. The contractor uses value engineering to make cost-cutting adjustments in the work
 - d. The contractor makes substitutions when poor quality products are specify

9. The only way a contractor can get accurate costs for a bid estimate are if he has done similar work and has historical data.
True _____ or False _____

10. City location factors are used when an estimate for a job that is located out of town.
True _____ or False _____

11. Conceptual estimates are generated by general contractors as part of competitive bidding.
True _____ or False _____

12. Estimates are only done when the design is 100% complete.
True _____ or False _____

13. Wage rates are the same for all the workers on a job.
True _____ or False _____

14. Preliminary estimates are typically completed by the architect
True _____ or False _____

15. The longer a project takes the larger the indirect project costs will be.
True _____ or False _____

Please respond to the following. Use the back of the sheet for your responses.

16. What are three things a contractor will consider/analyze when deciding whether or not to bid on a job? Explain why is each important in this decision.

17. What are two ways in which the type or complexity of a project can affect a contractor's ability to qualify for the job?
18. What is the role of the quantity take-off in the estimating process? How does one do a take-off?
19. You are estimating a job and have made a mistake in your calculation of the quantity of floor tile. This will mean that the price for purchasing the tile will be wrong. What other significant cost will also be wrong?
20. A contractor is putting a preliminary estimate together for client who is proposing to build a 2200 SF residential project located out of town. The builder is new to the industry and doesn't have in-house data so decides to use the RSMMeans cost guides. Outline how he will use the Means data to determine what this house might cost.