

الفصل السابع
تقديرات وضبط تكاليف التشييد
(Construction Estimating and Cost Control)

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	.	- -
(Preliminary Estimate - Order of Magnitude)		
.(Detailed Estimate)		- -
.(Estimating Principles)		-
.(Reality)		- -
.(Completeness)		- -
.(Level of Detail)		- -
.(Documentation)		- -
	.	-
(Basic Cost Estimation Terminologies)		
.(Estimate Documentation)		-
	.	-
(Sources of Data of Estimating)		
.(Error in Estimating)		-
	.	-
(Project Management Estimating Responsibility)		
.(Verification of the Estimation)		-

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() (Preliminary Estimate)
) (Parametric Estimate)

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(Estimator)

:-

المالك (Owner):

المصمم (Designer):

(Value Engineering Studies)

المقاول (Contractor):

:-

(Contractor)

(Owner)

:(Types of Estimates) -

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- -

(Preliminary Estimate - Order of Magnitude)

(Preliminary Estimate)

%

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:(Feasibility Study Estimates)

:(Budget Estimates) -

(Parametric Estimates)

:(Detailed Estimate)

- -

(Definite Estimate)

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% ±

:(Estimating Principles) -

:(Reality) - -

(Resources)

:(Completeness) - -

:(Level of Detail)

- -

(Design Concept)

:(Documentation)

- -

(Assumptions)

(Basic Cost Estimation Terminologies)

:		-
:	:(Take-off)	-
:	:(Costing)	-
/	:(Pricing)	-
:	:(Addendum)	-
:	:(Allowance)	-
:	:(Alternate)	-

:(Bid Documents) -

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:(Change Order) -

:(Contract Documents) -

:(Cost) -

:(Cost Index) -

:(Direct Costs) -

:(Material Costs) -

:(Equipment Costs) -

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obobika@gmail.com

() () ()

:(Subcontract Costs) -

:(Overhead Coast) -

:(Home Office Overhead) -

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	:(Job Site Overhead)	-
	:(Distributable)	-
	:(General Condition)	-
	:(Indirect Costs)	-
	(mobilization) (Escalation)	
	:(Taxes)	-
	:(Labor Burden Cost)	-
	/	
	:(Labor Cost)	-

%	:(Markup)	-
	:(Price)	-
	:(Productivity)	-
	:(Scope)	-
	:(Special Conditions)	-
)	:(Time-Sensitive)	-
	(....	
	:(Value Engineering)	-
	:(Variable and Fixed Costs)	-

:(True Cost) -

Job Records

:(Estimating Publications) -

(Means Estimating Series)

:Estimate Documentation)) -

:(Estimate Purpose)

-

:(Scope)

-

:(Assumptions and Exclusions)

-

:(Time / Cost Association)

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:(Contingency Development)

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:(Significant Findings) -

:(Review Credits) -

:(Sources of Data of Estimating)

:(Error in Estimating) -

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(Project Management Estimating Responsibility)

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:(Verification of the Estimation)

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