

Sudan University of Science And Technology
College Of Graduate Studies
Civil Engineering Department
M.SC. in Construction Management
Delays in construction projects
Questionnaire

Please take a look at the following questionnaire and try to answer correctly and accurately, as many questions as possible. All the information gathered here will be kept strictly confidential and will be used only for research and analysis without mentioning the person or company names. Thank you very much for your cooperation.

Part(1) : General information:-

1- What is your business?

- Contractor
- Consultant
- Client/ Client representative.

2- What is the sector type you work for?

- Public
- Private
- Both

3- What is/are the size of project/s have you participated in?

- Very large
- Large
- Medium

4- How long have you been dealing with construction projects ?

- < 5 Years
 - 5-10 years
 - 10-15 years
 - > 15years
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Part(2) : Which of the following are most important delays associated with your ongoing project(s)? Please rate the Chance of Occurrence, Responsibility and Type of Delay by circling a suitable figure as indicated below:-

Scale of Chance of Occurrence: **A-** Always, **S-** Sometimes, **R-** Rarely.

Scale of Responsibilities: **Own=** Owner, **Cont=** Contractor, **Cons=** Consultant, **Gov=**Government.

Scale of Type of Delay: **1=**Non-Excusable, **2=**Excusable-Non-Compensable, **3=** Excusable-Compensable, **4=** Concurrent.

<input type="checkbox"/> <i>Delays Causes</i>	Responsibility	<i>Chance of Occurrence</i>	Type of Delay
	Own. Cont. Cons. Gov. Shared	A -s- R	1-2-3-4
1- financial related			
Difficulties in financing project			
Economic Problems			
Financial Difficulties			
Delay in progress payments			

2- design related			
Delays in producing design documents Design			
Unclear and inadequate details in drawings Design			
Complexity of project design			
Misunderstanding of owners requirements			
Inadequate design-team experience			
Un-use of advanced engineering design softw			
Change Order			

3- Act of god			
Wind Damage			
Rain effect on construction activities			
Hot weather effect on construction activities			
Fire			

4- management related			
Conflicts between parties			
Poor communication and coordination on site			
Poor site management			
Poor site supervision			
Application of safety rules during construction			
Delay in performing final inspection and certification			
Slowness in decision making			
Rework due to errors during construction			
Ineffective planning and scheduling of project			
Improper construction methods implemented			
Poor Managerial Skills			
Changes in government regulations and laws			
Problem with neighbors			

5- Construction Related			
Delay in obtaining permits for construction			
Inspections			
Delay in materials delivery			
Changes in material types and specifications during construction			
Delay in manufacturing special building materials			
Late procurement of materials			
Late in selection of finishing materials due to availability of many types in market			
Lack of Qualified Craftsmen			
Shortage of labors			
Nationality of labors			
Personal conflicts among labors			
Poor Subcontractor Performance			

Construction Mistakes			
Equipment Availability			

6- Social and behavioral Related :			
Lack of trained craft workers			
A large number of illiterate workers			
unqualified foreman			
Seasonal employment			
verbal agreement between the contractor and subcontractor			
Multi-national firms			
Multi-national labor			
Lack of productivity in the month of Ramadan			

For more details, please contact:

Rania AbdEgader

Tel: 0912485301

E-mail: rania_civileng@hotmail.com

THANK YOU VERY MUCH
