

Construction Delay Questionnaire

Dear Sir/Ma'am,

This questionnaire is designed to gather responses for a study on the cause of delay for construction projects in Bangladesh. You have been identified due to your experience in construction industries as a potential respondent.

Thank you.

Responder's Detail:

Your highest qualification.				
<input type="checkbox"/> HND	<input type="checkbox"/> B.Sc./B.Tech	<input type="checkbox"/> M.Sc./M.Tech	<input type="checkbox"/> PhD	<input type="checkbox"/> Others _____
Position you have held in construction industry.				
<input type="checkbox"/> Architect	<input type="checkbox"/> Quantity Surveyor	<input type="checkbox"/> Consultant	<input type="checkbox"/> Contractor	<input type="checkbox"/> Others _____
Approximate size of project you have in mind.				
<input type="checkbox"/> N1-10mil	<input type="checkbox"/> N11-30mil	<input type="checkbox"/> N30-80Mil	<input type="checkbox"/> N81-200mil	<input type="checkbox"/> Above N200mil.
Years of experience in construction industry.				
<input type="checkbox"/> 0-5 years	<input type="checkbox"/> 6-10 years	<input type="checkbox"/> 11-15 years	<input type="checkbox"/> 16-20 years	<input type="checkbox"/> Above 20 years.

PLEASE PROVIDE ANSWERS TO THE QUESTIONS IN THIS QUESTIONNAIRE BASED ON ANY SINGLE CONSTRUCTION PROJECT YOU HAVE WORKED ON IN THE PAST.

Section A:

For each of the questions below, tick the response that best characterises how the following statements affected the project.

1 = 0 – 20% extra of initial schedule duration, **2** = 21 – 40% extra of initial schedule duration,
3 = 41 – 60% extra of initial schedule duration, **4** = 61- 80% extra of initial schedule duration and
5 = 81 – 100% extra of initial schedule duration (i.e. twice initial schedule duration).

Where a project does not have an official schedule/program of work indicating the duration of the project, please use an assumed duration that such a project would have taken, or the duration based on an agreed date of completion with the client.

	Rate how the following affected the duration of the project?	1	2	3	4	5
1	Equipment breakdown/ Management.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Inflation or sudden increase in good/commodities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Labour dispute or strikes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Effective or poor communication among stakeholders.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Inclement or bad weather.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Contractors' financial difficulties.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Structural design variations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Late deliveries of materials/equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Changed orders/ discrepancies in contract documents.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Price fluctuation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Contract management.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Decision making.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Cash flow during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Government regulations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For each of the questions below, tick the response that best characterises how the following statements affected the project.

1 = 0 – 20% extra of initial schedule duration,

2 = 21 – 40% extra of initial schedule duration,

3 = 41 – 60% extra of initial schedule duration,

4 = 61- 80% extra of initial schedule duration and

5 = 81 – 100% extra of initial schedule duration (i.e. twice initial schedule duration).

Where a project does not have an official schedule/program of work indicating the duration of the project, please use an assumed duration that such a project would have taken, or the duration based on an agreed date of completion with the client.

15	Material procurement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Site conditions-related unforeseen circumstances (e.g. unanticipated groundwater, quicksand, mud, rock formations etc).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Political Influence.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section B:

For each of the questions below, tick the response that best describes how detailed the schedule of the project was in the following statement, where **1 = No Schedule**, **2 = Basic Schedule**, **3 = Good Schedule** **4 = Detailed Schedule** and **5 = Detailed and Frequently Updated Schedule**.

		1	2	3	4	5
1	To what level of detail was the schedule/program of work of the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section C:

For each of the questions below, tick the response that best describes the frequency for the following statement, where **1 = Zero**, **2 = Scarcely**, **3 = Medium level** **4 = Frequently** and **5 = Very frequently**.

Zero (None), **Scarcely** (1 -10% of project duration e.g. 10% if it happened on 10 different days on a 100 days duration project), **Medium level** (30% of project duration), **Frequently** or **Very frequently**.

	What frequency would you give for the following statement?	1	2	3	4	5
1	How frequently did accident occur on the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	How frequent did quality control occur in the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section D:

For each of the questions below, circle the response that best characterises the percentage you will give each statement, where **1 = 20%**, **2 = 40%**, **3 = 60%**, **4 = 80%** and **5 = 100%**.

	What percentage would you give for the following statement?	1	2	3	4	5
1	What proportion of the payment made was late?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	What proportion of workers were unskilled labourers?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	What percentage of ordered materials was delivered late by suppliers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section E:

Where:

1 = 0 – 20% extra of initial schedule duration,

2 = 21 – 40% extra of initial schedule duration,

3 = 41 – 60% extra of initial schedule duration,

4 = 61- 80% extra of initial schedule duration and

5 = 81 – 100% extra of initial schedule duration (i.e. twice initial schedule duration).

		1	2	3	4	5
1	How long was the entire project delayed for?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>